



Paralinear Solutions

Team 7

Deliverable 03: System Prototype

Our Team:



Vincent Yu
u15195059
084 073 7834

u15195059@tuks.co.za

Team Leader
Michael Vosloo
u19031174
082 387 0072

u19031174@tuks.co.za

Tshepang Mashao
u19293675
074 447 0511

u19293675@tuks.co.za

Amore Rossouw
u19052864
073 567 3529

u19052864@tuks.co.za

Matthew Veltman
u19050608
081 341 1664

u19050608@tuks.co.za

Client Information:



MICHAEL VAN DER WALT

Director

C | 083 227 9624 **T |** 012 332 5580

E | michael@gohvan.co.za

System Name: Gohvan Construction system
Type of System: Complete Business Solution

This deliverable represents the overall layout of the system by demonstrating the user interfaces of the system on a prototype level by using - static pages, screens, models and controls. The prototype is high-fidelity and includes web

Contents

Deliverable Introduction	3
Prototype Screen Design	4
1. Complete set of prototype screen designs	4
Introduction	4
1.1. Establishment Subsystem	4
1.2. Quotation Subsystem.....	14
1.3. Administration Subsystem	21
1.4. Construction Subsystem	41
1.5. Invoicing Subsystem.....	103
1.6. Human Resource Subsystem.....	116
1.7. Team Subsystem	147
1.8. Supplier Order Subsystem	150
1.9. Supplier Subsystem	161
1.10. Inventory Management Subsystem.....	164
1.11. Reporting Subsystem	167
1.12. User Management Subsystem	174
1.13. Client Subsystem.....	179
2. Complete Set of Prototype Screen Design – Mobile Platform.....	182
Introduction	182
2.1. Establishment Subsystem	182
2.2. User Management Subsystem	191
Project Related documents	192
3. Sign-off by the Client.....	192
Introduction	192
3.1 Client Sign off	192
Conclusion	192
Introduction	192
4. Sign-off by team.....	193
Introduction	193
4.1 Team Sign off	193
Conclusion.....	193
5. Complexity	194
Introduction	194
5.1 Complexity Matrix	194

Conclusion196

Deliverable Conclusion.....197

Deliverable Introduction

This Document contains the prototype screens for the Gohvan construction system. The Deliverables purpose to display and indicate all screens to be used to perform the functions within the Govan Construction system.

Prototype Screen Design

1. Complete set of prototype screen designs

Introduction

1.1. Establishment Subsystem

1.1.1 Create TSS

The screenshot shows a web application window titled "Gohvan Construction". The main heading is "Create Technical Site Survey". Below this, there are two input fields: "Select Site Type:" with a dropdown menu showing "Site Type", and "Survey Date:" with a date picker set to "12 May 2016". A section titled "Site Details" contains several input fields: "Site Name:", "Distance:", "GPS coordinates:" (with a map icon), "BS Number:", "Time Driving:", "Project Number:", and "Quotation Date:" (with a date picker set to "12 May 2016"). There is a "Get Coordinates" button and a small map showing a location. At the bottom, there is a "Site Description:" label and a large text area.

Figure 1: 1.1 Create TSS screen - 1

The screenshot shows the "Pre-Approval" section of the "Create Technical Site Survey" screen. It contains several checkboxes, all of which are checked: "Site Drawings:", "Landlord approval obtained:", "CCA:", "EIA:", and "BP approval obtained:". Below these, there are two text areas: "Landlord details:" and "Special Conditions:". The window title is "Gohvan Construction".

Figure 2: 1.1 Create TSS screen - 2

Gohvan Construction

Create Technical Site Survey

Accommodation

Container: _____

Container Type: container other: Container size:

Container type size: Container Paint: ☒ Load Support:

Brick Cladding: Door direction: Notes:

Rock Finish: ☒

Plinth: _____

Apron: ☒

Plinth Type:

Plinth Size:

Figure 3: 1.1 Create TSS screen - 3

Gohvan Construction

Create Technical Site Survey

Site Preparation details:

Groundwork: _____

Clear and Clean: ☒ other requirements:

Mast Details:

Mast: _____

Select Mast Type:

Select Mast Height: other:

Mast accessories: _____

Navigation Light: ☒ Eviromental Adaption: Mast notes:

Fall Arrest: ☒

Mast Paint: ☒ other:

Figure 4: 1.1 Create TSS screen - 4

Create Technical Site Survey

RF Installation Details

Cable Management: _____

RF cable On Tray: ☒ CheckBox

RF Cable on Tray:

Cable Tray Type: other cable tray type: Length:

Bends: other Bends: Quantity:

Support Pole: ☒ CheckBox

Quantity:

Mounting Type: Other:

Tray Covers: ☒ CheckBox

Quantity: Cable Tray Painted: ☒ CheckBox

RF Sleeves: ☒ CheckBox

Length: Size:

Figure 5: 1.1 Create TSS screen - 5

Create Technical Site Survey

Electrical Details

AC supply: other: Power Available:

Power Required: Generated required: ☒ CheckBox

Cable Size: other: Cable Length:

In-Site Cable Route: In-Site Cable Type: Other:

In-Site Cable Route length: Consumption Meter required: ☒ CheckBox

Site Light Position:

Earthing Details: _____

Earthing Installation: Earthing Type: other:

Figure 6: 1.1 Create TSS screen - 6

Gohvan Construction

Edit Technical Site Survey

Construction Details

Fencing: _____

Fence Details: Fence Type: other:

Fence Dimension: Surface Finish: Colour:

Additional Extras: Other:

Gate Type: Gate Opening Direction: Gate Dimensions:

Site Security: _____

Locks required: ☒ CheckBox Lock Type: Shackle Length:

Lock chain required: ☒ CheckBox Notes:

Figure 7: 1.1 Create TSS screen - 7

Gohvan Construction

Create Technical Site Survey

Construction Details

Site Access: _____

Clear Road: ☒ CheckBox Access Road: other:

Road Suitability: Other:

Notes:

Site Signage: _____

HAZ 10 ID sign: ☒ CheckBox Other:

HAZ 29 Blue EMS: ☒ CheckBox Notes:

HAZ Yellow EMS: ☒ CheckBox

Figure 8: 1.1 Create TSS screen - 8

Create Technical Site Survey

Construction Details

Risks Identified:

Site Photos:

Photo Name	
x	<input type="button" value="Delete"/>
y	<input type="button" value="Delete"/>
z	<input type="button" value="Delete"/>

Site Drawing: No File Chosen

Figure 9: 1.1 Create TSS screen - 9

1.1.2 Edit TSS

Gohvan Construction

Edit Technical Site Survey

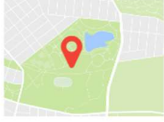
Select Site Type:

Survey Date:

Site Details

Site Name:

Distance:

GPS coordinates: 

BS Number:

Time Driving:

Project Number:

Quotation Date:

Site Description:

Figure 10: 1.2 Edit TSS screen - 1

Gohvan Construction

Edit Technical Site Survey

Pre-Approval

Site Drawings: ☒ CheckBox

Landlord approval obtained: ☒ CheckBox

CCA: ☒ CheckBox

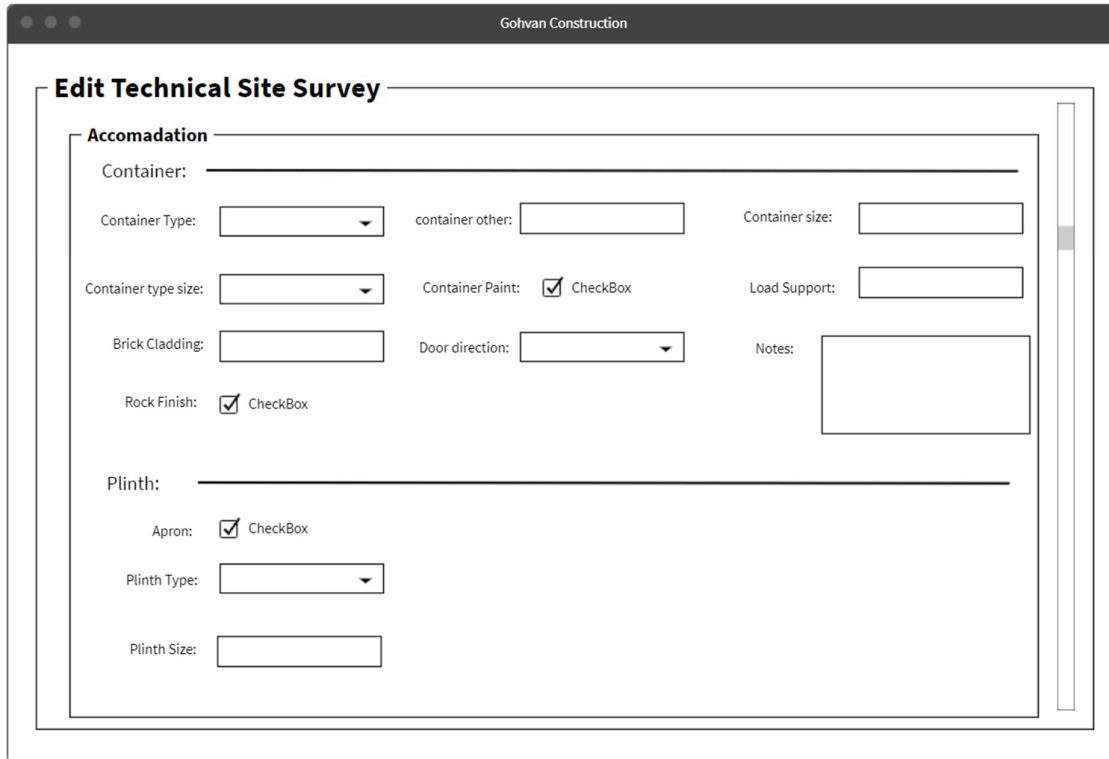
EIA: ☒ CheckBox

BP approval obtained: ☒ CheckBox

Landlord details:

Special Conditions:

Figure 11: 1.2 Edit TSS screen - 2



Gohvan Construction

Edit Technical Site Survey

Accommodation

Container: _____

Container Type: container other: Container size:

Container type size: Container Paint: ☒ CheckBox Load Support:

Brick Cladding: Door direction: Notes:

Rock Finish: ☒ CheckBox

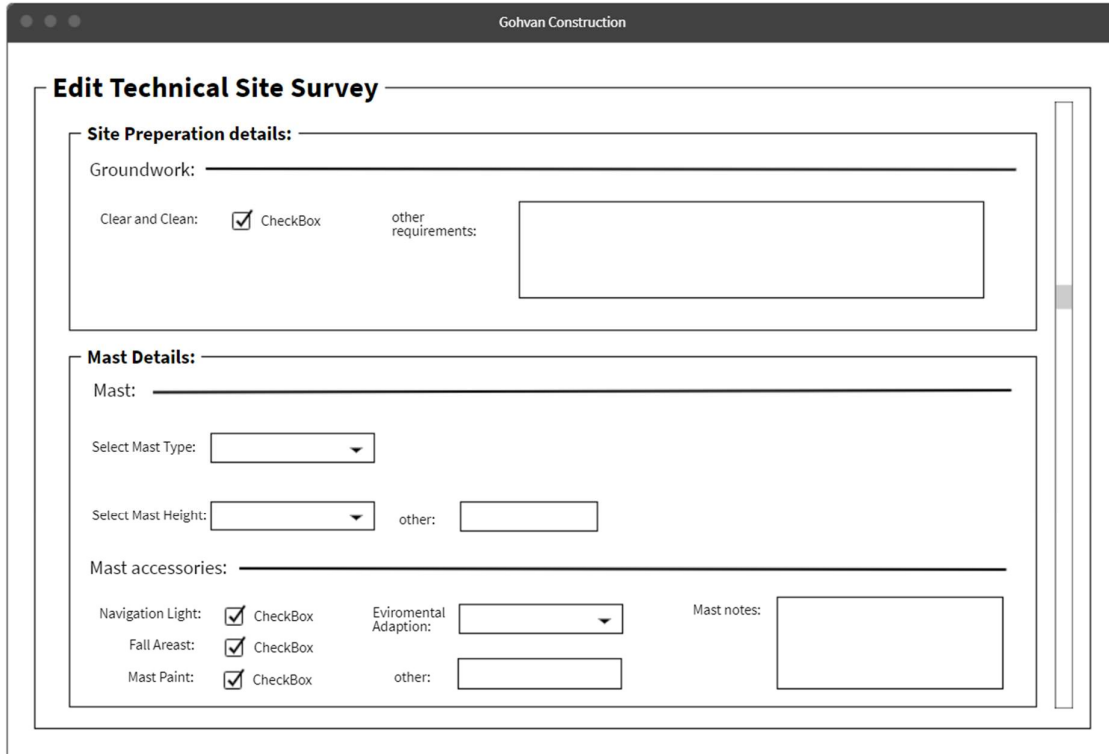
Plinth: _____

Apron: ☒ CheckBox

Plinth Type:

Plinth Size:

Figure 12: 1.2 Edit TSS screen - 3



Gohvan Construction

Edit Technical Site Survey

Site Preparation details:

Groundwork: _____

Clear and Clean: ☒ CheckBox other requirements:

Mast Details:

Mast: _____

Select Mast Type:

Select Mast Height: other:

Mast accessories:

Navigation Light: ☒ CheckBox Enviromental Adaption: Mast notes:

Fall Areast: ☒ CheckBox

Mast Paint: ☒ CheckBox other:

Figure 13: 1.2 Edit TSS screen - 4

Edit Technical Site Survey

RF Installation Details

Cable Management: _____

RF cable On Tray: ☒ CheckBox

Cable Tray Type: other cable tray type: Length:

Bends: other Bends: Quantity:

Support Pole: ☒ CheckBox

Quantity:

Mounting Type: Other:

Tray Covers: ☒ CheckBox

Quantity: Cable Tray Painted: ☒ CheckBox

RF Sleeves: ☒ CheckBox

Length: Size:

Figure 14: 1.2 Edit TSS screen - 5

Edit Technical Site Survey

Electrical Details

AC supply: other: Power Available:

Power Required: Generated required: ☒ CheckBox

Cable Size: other: Cable Length:

In-Site Cable Route: In-Site Cable Type: Other:

In-Site Cable Route length: Consumption Meter required: ☒ CheckBox

Site Light Position:

Earthing Details: _____

Earthing Installation: Earthing Type: other:

Figure 15: 1.2 Edit TSS screen - 6

The screenshot shows a web application window titled "Gohvan Construction". Inside, there is a form titled "Create Technical Site Survey". The form is divided into two main sections: "Construction Details" and "Site Security".

Construction Details:

- Fencing:** A horizontal line indicating a section header.
- Fence Details:** A dropdown menu.
- Fence Type:** A dropdown menu.
- other:** A text input field.
- Fence DImension:** A text input field.
- Surface Finish:** A dropdown menu.
- Colour:** A text input field.
- Additional Extras:** A dropdown menu.
- Other:** A text input field.
- Gate Type:** A dropdown menu.
- Gate Opening Direction:** A dropdown menu.
- Gate Dimensions:** A text input field.

Site Security:

- Locks required:** A checked checkbox.
- Lock Type:** A dropdown menu.
- Shackle Length:** A dropdown menu.
- Lock chain required:** A checked checkbox.
- Notes:** A large text area for additional information.

Figure 16: 1.2 Edit TSS screen - 7

The screenshot shows a web application window titled "Gohvan Construction". Inside, there is a form titled "Edit Technical Site Survey". The form is divided into two main sections: "Construction Details" and "Site Signage".

Construction Details:

- Site Access:** A horizontal line indicating a section header.
- Clear Road:** A checked checkbox.
- Access Road:** A dropdown menu.
- other:** A text input field.
- Road Suitability:** A dropdown menu.
- Other:** A text input field.
- Notes:** A large text area for additional information.

Site Signage:

- HAZ 10 ID sign:** A checked checkbox.
- Other:** A text input field.
- HAZ 29 Blue EMS:** A checked checkbox.
- HAZ Yellow EMS:** A checked checkbox.
- Notes:** A large text area for additional information.

Figure 17: 1.2 Edit TSS screen - 8

Gohvan Construction

Edit Technical Site Survey

Construction Details

Risks Identified:

Site Photos:

Photo Name	
x	<input type="button" value="Remove"/>
y	<input type="button" value="Remove"/>
z	<input type="button" value="Remove"/>

Site Drawing: No File Chosen

Figure 18: 1.2 Edit TSS screen - 9

1.1.3 Submit TSS Report

Confirm information

Please confirm that the details entered are correct?

Yes No

Figure 19: 1.3 Confirmation Modal screen

1.2. Quotation Subsystem

1.2.1 Create Quote

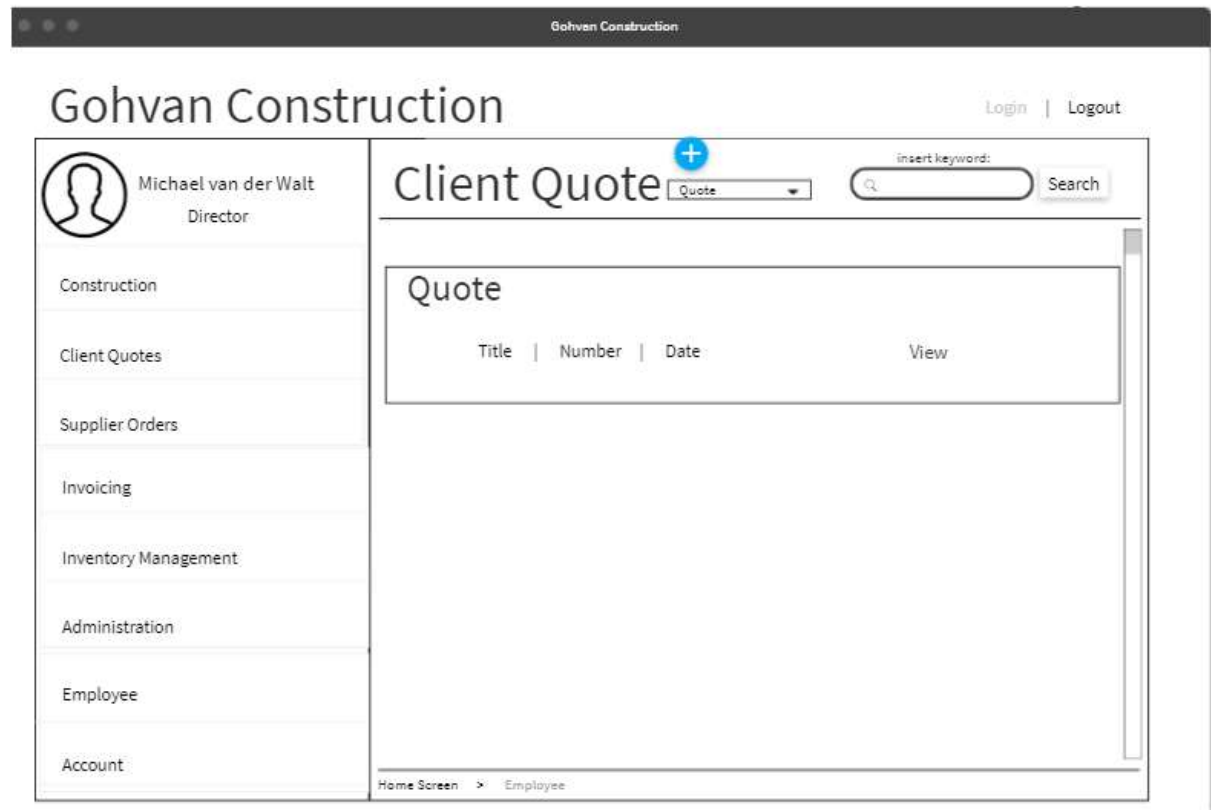


Figure 20: 2.1 Quote Screen

Create Quote

Quotation Title: Quotation Number:

Date of Quotation: Quote Revision:

Package Pricing

Name	SAP Material ID	Material Number Used by Vendor	Packages	Unit	Unit Price	Quantity	Total
Program Management	304360238	GOHVAN_NGA_163	SH PM Rural Sites	per site	R1000	<input type="text" value="1"/>	R1000
	676593656	GOHVAN_NGA_567	SH PM Shared Site	per site	R2000	<input type="text" value="2"/>	R4000
Design Packages	76659665	GOHVAN_NGA_678	SH Design Requirements Metro	per site	R3000	<input type="text" value="1"/>	R3000
Build Packages	669706657	GOHVAN_NGA_1777	OF High Security Day Shift	shifts	R1000	<input type="text" value="1"/>	R1000

Figure 21 2.1 Create Quote Screen - 1

Create Quote

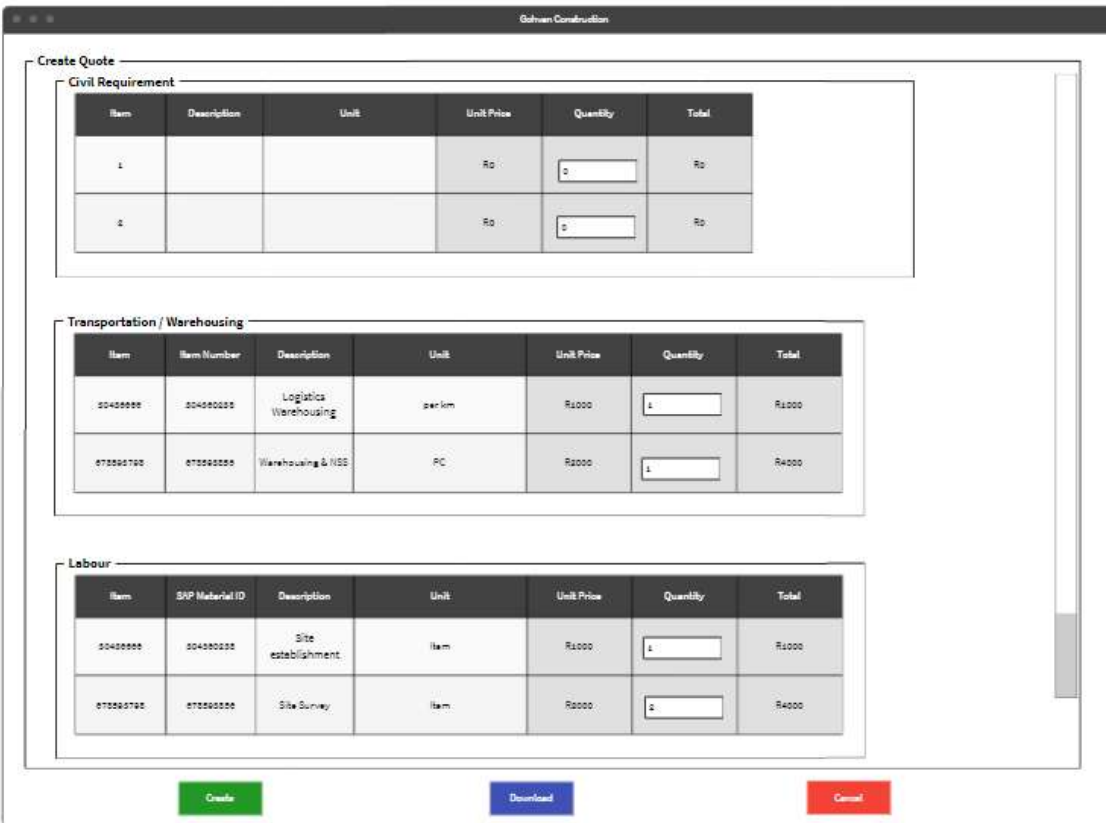
Material

Type	Item	SAP Material ID	Description	Size	Unit	Unit Price	Quantity	Total
RF	30436666	304360238	PVC Tape		PC	R1000	<input type="text" value="1"/>	R1000
CAP	676593796	676593656	Red Power Cable	25mm ²	M	R2000	<input type="text" value="2"/>	R4000
General	76659678	76659665	Silicon Block		PC	R3000	<input type="text" value="1"/>	R3000
	669706667	669706657	Cable Markers Yellow "1"	Hellerman	PC	R1000	<input type="text" value="1"/>	R1000

Material To Be Supplied By Vodacom

Part Number	Material Number	Description	Unit	Quantity
30436666	304360238	Outdoor camera	PC	<input type="text" value="1"/>
676593796	676593656	Fiber	M	<input type="text" value="2"/>
76659678	76659665	Fan for BBU	PC	<input type="text" value="1"/>
669706667	669706657	Single Mode Fiber 20m	PC	<input type="text" value="1"/>

Figure 22 2.1 Create Quote Screen - 2



Create Quote

Civil Requirement

Item	Description	Unit	Unit Price	Quantity	Total
1			Rp	<input type="text"/>	Rp
2			Rp	<input type="text"/>	Rp

Transportation / Warehousing

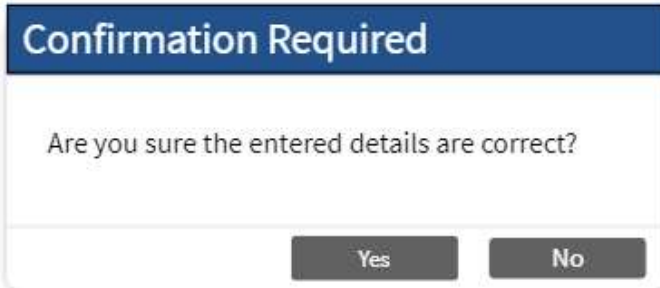
Item	Item Number	Description	Unit	Unit Price	Quantity	Total
50400000	50400000	Logistics Warehousing	per km	Rp000	<input type="text"/>	Rp000
070000700	070000000	Warehousing & NSS	PC	Rp000	<input type="text"/>	Rp000

Labour

Item	SAP Material ID	Description	Unit	Unit Price	Quantity	Total
50400000	50400000	Site establishment	Item	Rp000	<input type="text"/>	Rp000
070000700	070000000	Site Survey	Item	Rp000	<input type="text"/>	Rp000

Create **Download** **Cancel**

Figure 23 2.1 Create Quote Screen - 3



Confirmation Required

Are you sure the entered details are correct?

Yes **No**

Figure 24 2.1 Confirmation Modal

1.2.2 Search Quote

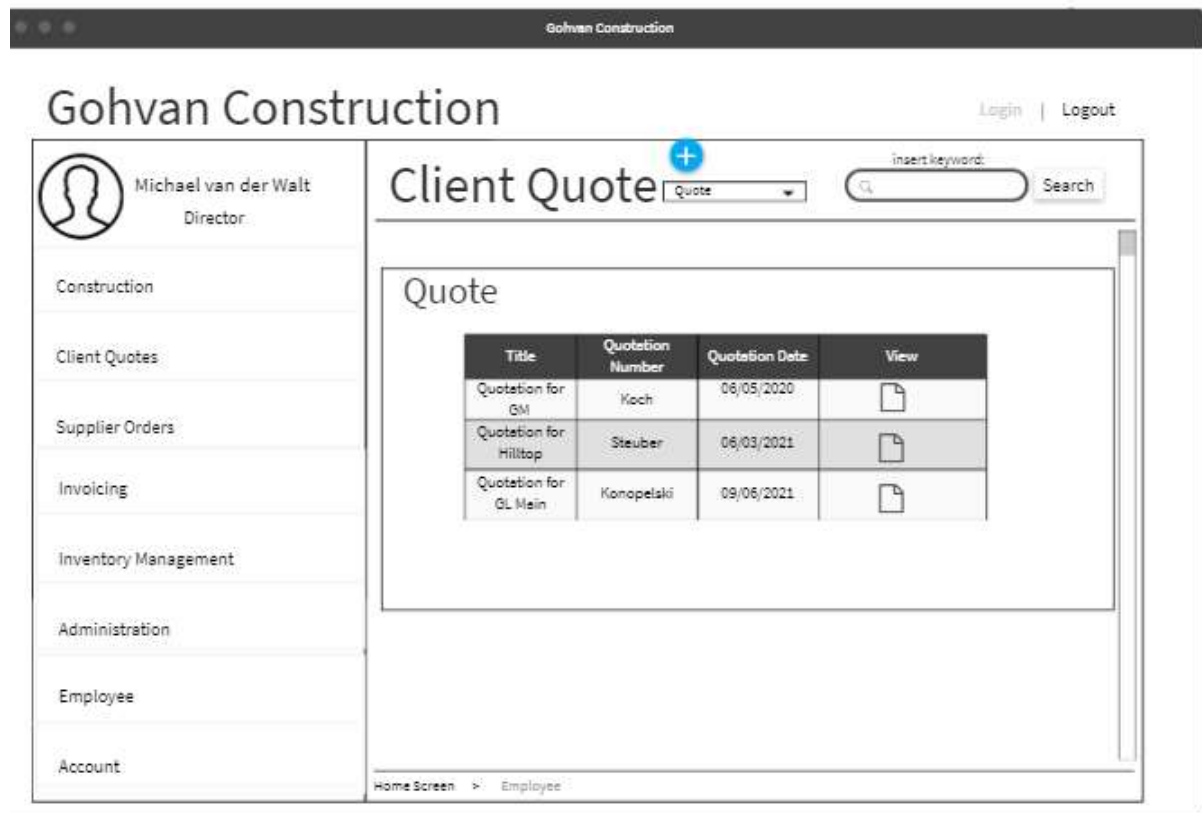


Figure 25: Search Quote Screen

View Quote

Quotation

Region NGA

RS number 178014

Site Name Test

Budget Code T&C

Mast Type 25m Monopole

Design Load N/A

Equipment Housing Micro MSC Cabinet

Site Size N/A

QUOTATION FOR TESTING SITE

CONTRACTOR DETAILS

Name Gohvan Construction (Pty) Ltd

Quotation Number 21873

Date of Quotation 18-Jun-20

Quote Revision 2

Download **Cancel**

Figure 26: 2.1 View Quote Screen

Confirmation Required

Are you sure the entered details are correct?

Yes **No**

Figure 27: 2.1 Confirmation Modal

1.2.3 Capture Purchase Order

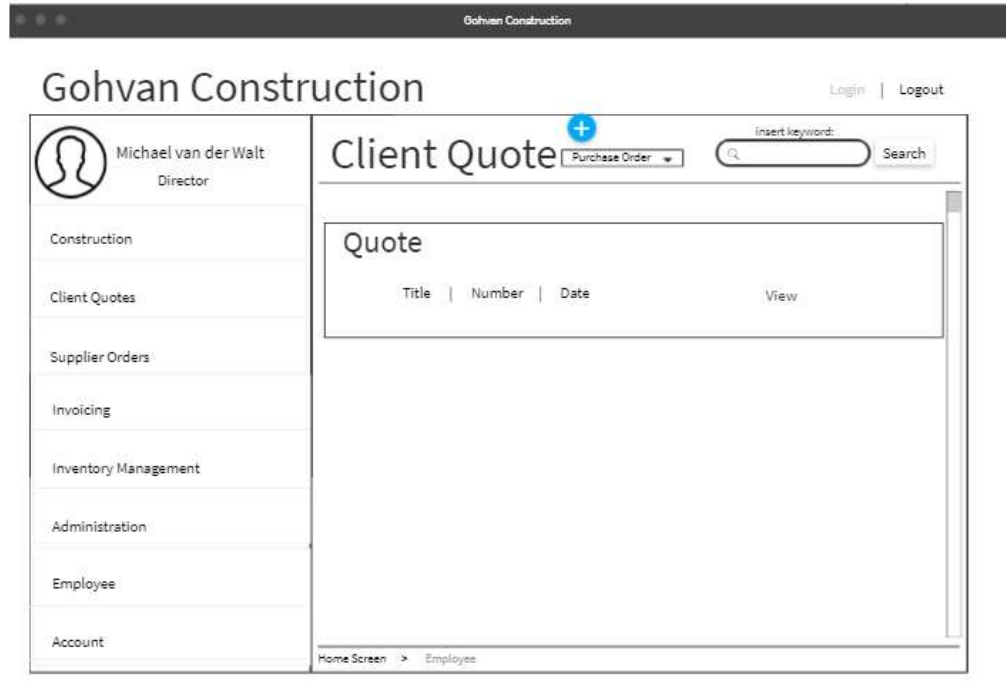


Figure 28: 2.3 Quote Screen

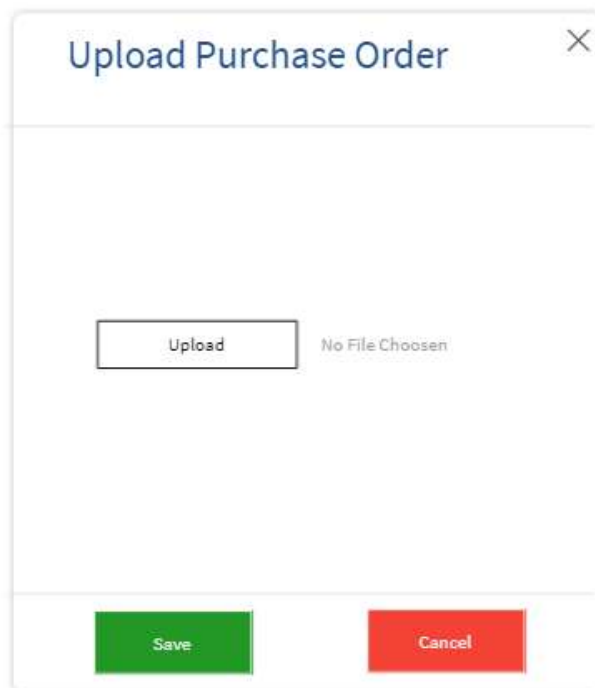
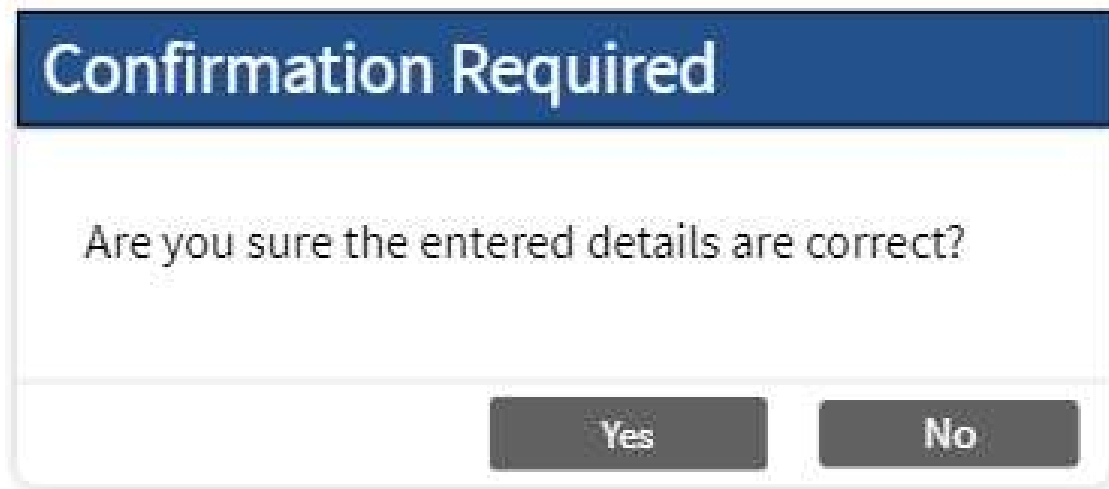
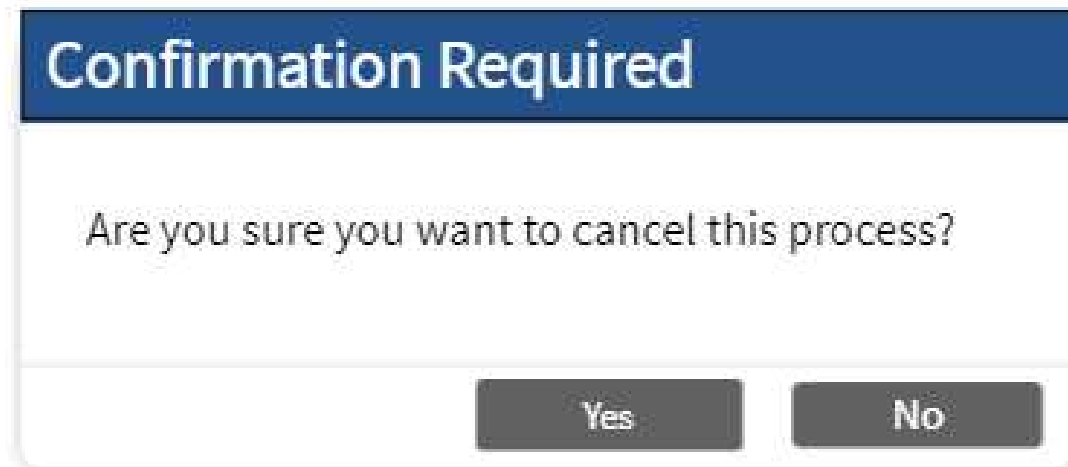


Figure 29: 2.3 Upload Purchase Order Modal



A confirmation modal dialog box with a dark blue header bar containing the text "Confirmation Required" in white. The main body is white and contains the question "Are you sure the entered details are correct?". At the bottom, there are two dark gray buttons labeled "Yes" and "No".

Figure 30: 2.3 Confirmation Modal



A confirmation modal dialog box with a dark blue header bar containing the text "Confirmation Required" in white. The main body is white and contains the question "Are you sure you want to cancel this process?". At the bottom, there are two dark gray buttons labeled "Yes" and "No".

Figure 31: 2.3 Confirmation Modal

1.3. Administration Subsystem

1.3.1 Create Health and Safety file

Gohvan Construction Login | Logout

Michael van der Walt
Director

Projects Name
Site Number: 24 Location: Centurion Date started: 01-01-21
Region: Northern Gauteng last Updated: 01-01-21 **Status**

Technical Site Survey	Formal Drawing Second Cut Drawing	Allocated Teams	Quotations Purchase Orders
Site-Go-Ahead	Health and Safety File	Compliance documents	Construction Progress descriptions
Complete Site Photos	Radio Frequency report	Request Site Visit	Site Acceptance Document
Invoices	Commission report	As-Built	Site Sign Off

Level 1 > Level 2 > Level 3 > Level 4

Figure 32: Project screen

Gohvan Construction Login | Logout

Michael van der Walt
Director

Upload Health and Safety File

Name* Type*
File Name Select

Description:

Choose File No File Chosen

Add More Files

CONFIRM CANCEL

Level 1 > Level 2 > Level 3 > Level 4

Figure 33: Upload Health and Safety file screen



Figure 34: Health and safety upload modal

1.3.2 Search Health and Safety file

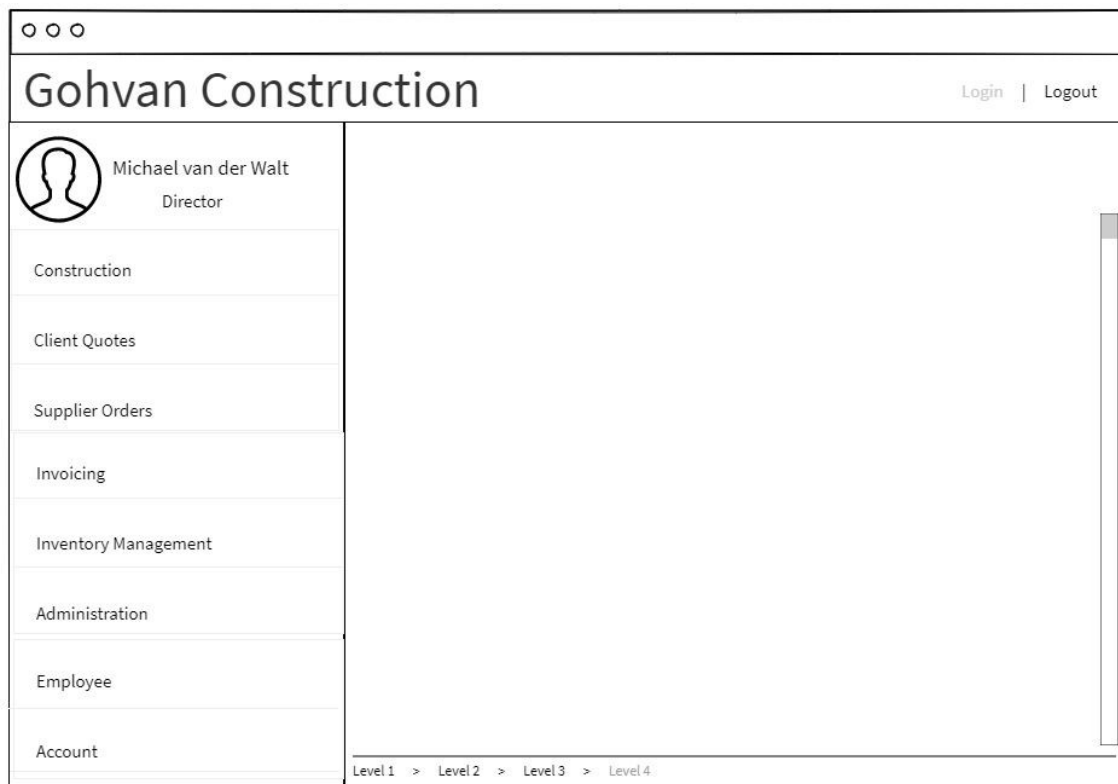


Figure 35: Side bar navigation screen

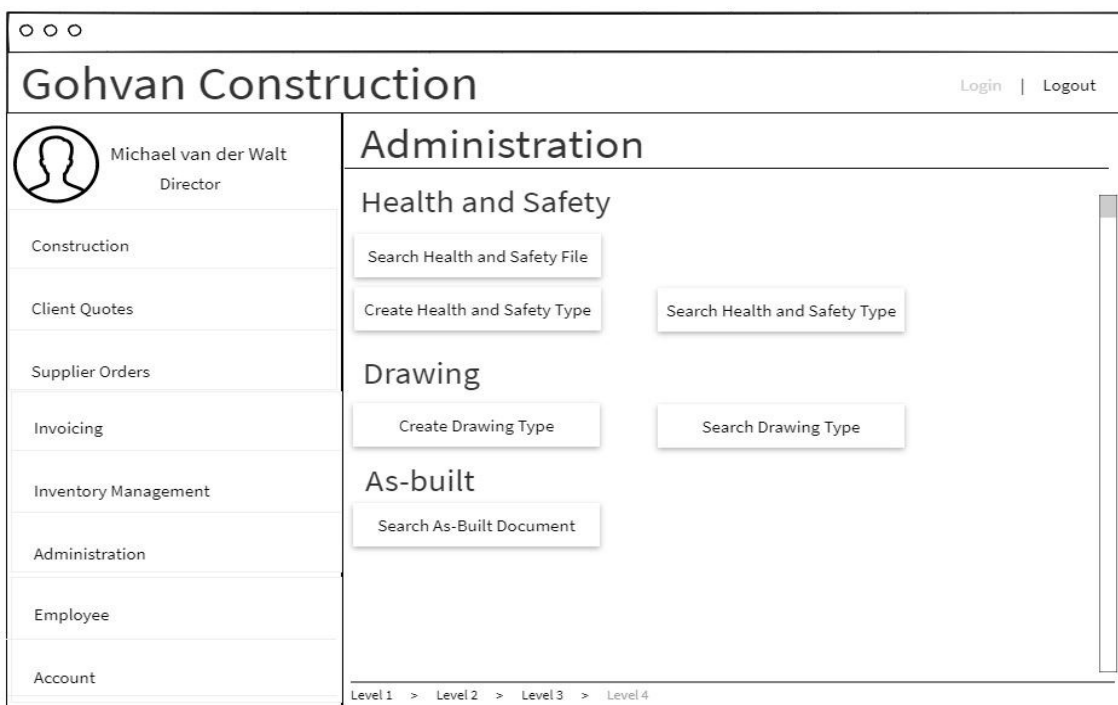


Figure 36: Administration screen

Gohvan Construction Login | Logout

Michael van der Walt
Director

Construction

Client Quotes

Supplier Orders

Invoicing

Inventory Management

Administration

Employee

Account

Search Health and Safety File

Name* Type*

File Name

Begin Date: - End Date:

Level 1 > Level 2 > Level 3 > Level 4

Figure 37: Search Health and Safety File screen

Gohvan Construction Login | Logout

Michael van der Walt
Director

Construction

Client Quotes

Supplier Orders

Invoicing

Inventory Management

Administration

Employee

Account

Searched Health and Safety File

Nissan Confirmation File	Nissan Project
Type: Confirmation File	Date: 12 May 2016
Description: This is a fake description for this fake Health and Safety file submission.	
<input type="button" value="DOWNLOAD"/>	

...

Level 1 > Level 2 > Level 3 > Level 4

Figure 38: Searched Health and Safety file screen

1.3.3 Create Health and Safety Type

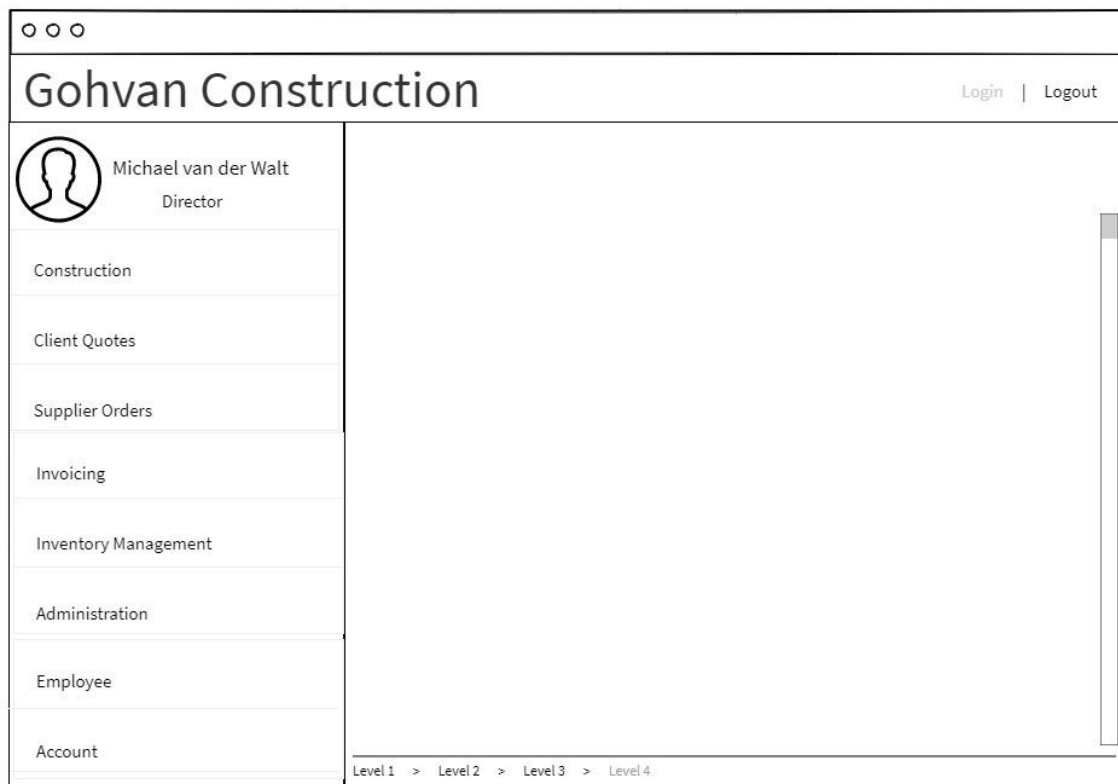


Figure 39: Side bar navigation screen

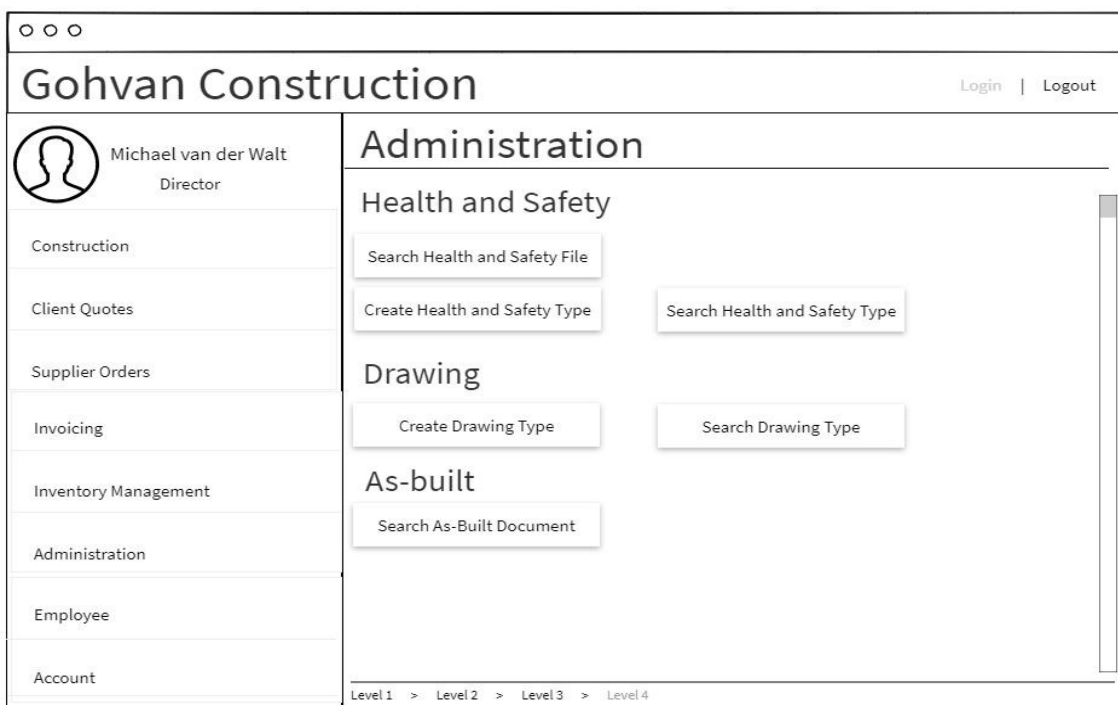
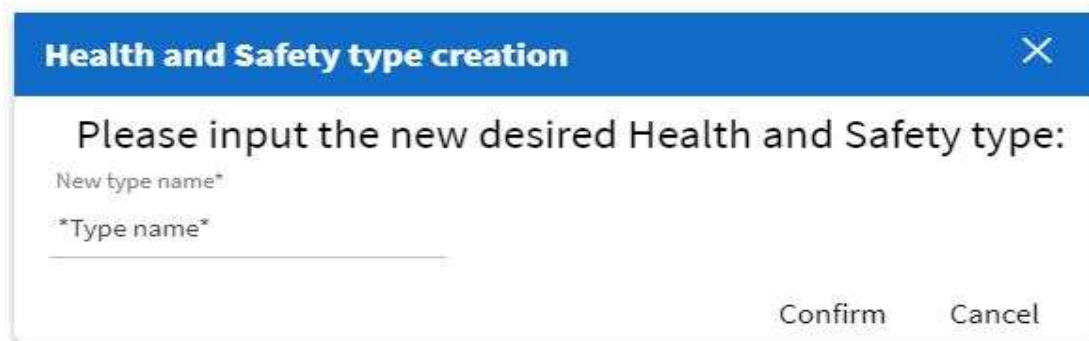
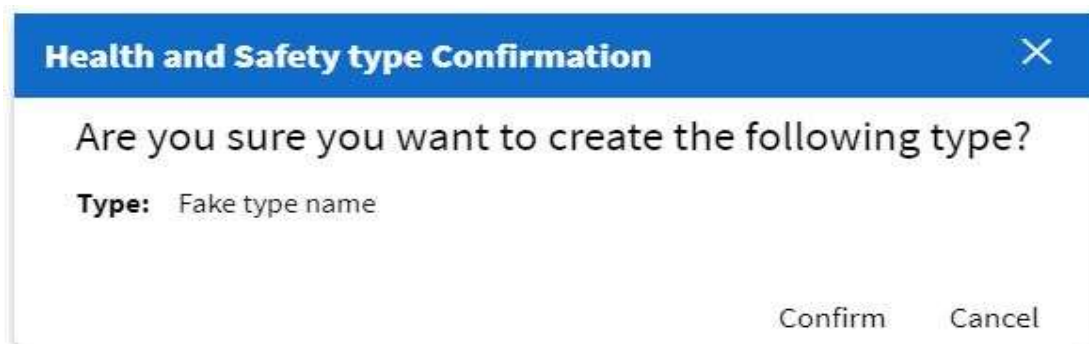


Figure 40: Administration screen



A modal window titled "Health and Safety type creation" with a close button (X) in the top right corner. The main text asks the user to "Please input the new desired Health and Safety type:". Below this, there is a text input field with a placeholder "New type name*" and a required field indicator "*Type name*" to its left. At the bottom right, there are two buttons: "Confirm" and "Cancel".

Figure 41: Health and Safety type creation



A modal window titled "Health and Safety type Confirmation" with a close button (X) in the top right corner. The main text asks the user: "Are you sure you want to create the following type?". Below this, it displays "Type: Fake type name". At the bottom right, there are two buttons: "Confirm" and "Cancel".

Figure 42: Health and safety type confirmation modal

1.3.4 Search Health and Safety Type

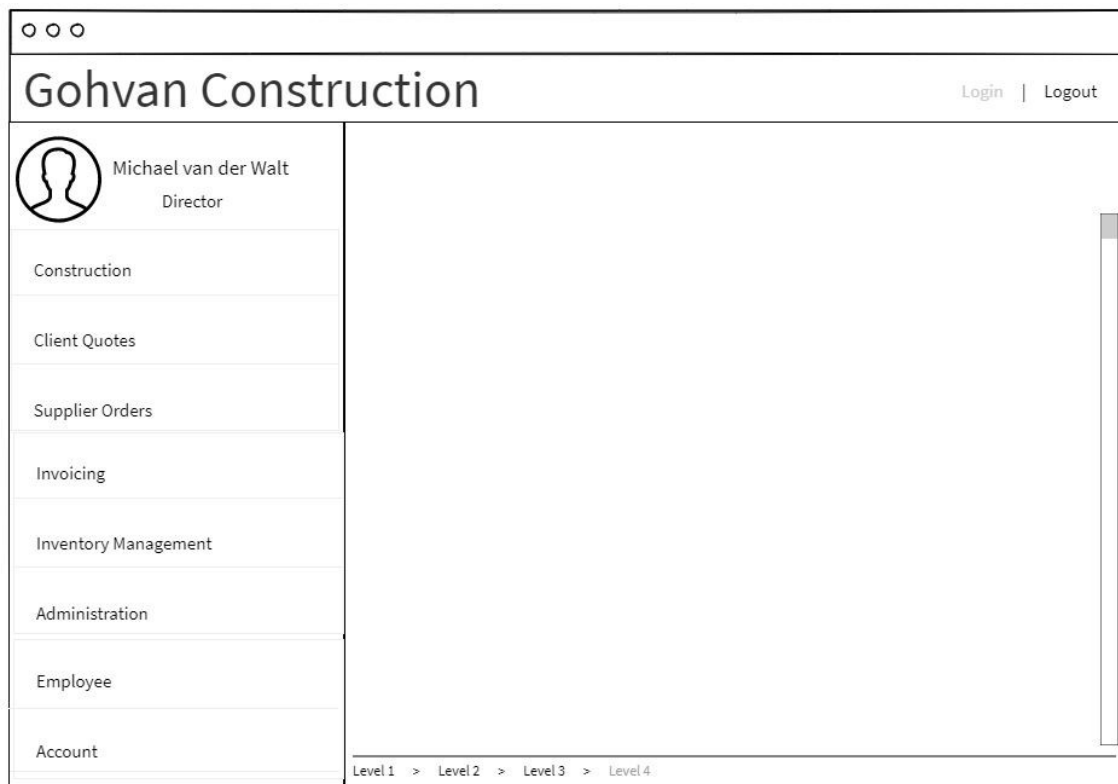


Figure 43: Side bar navigation screen

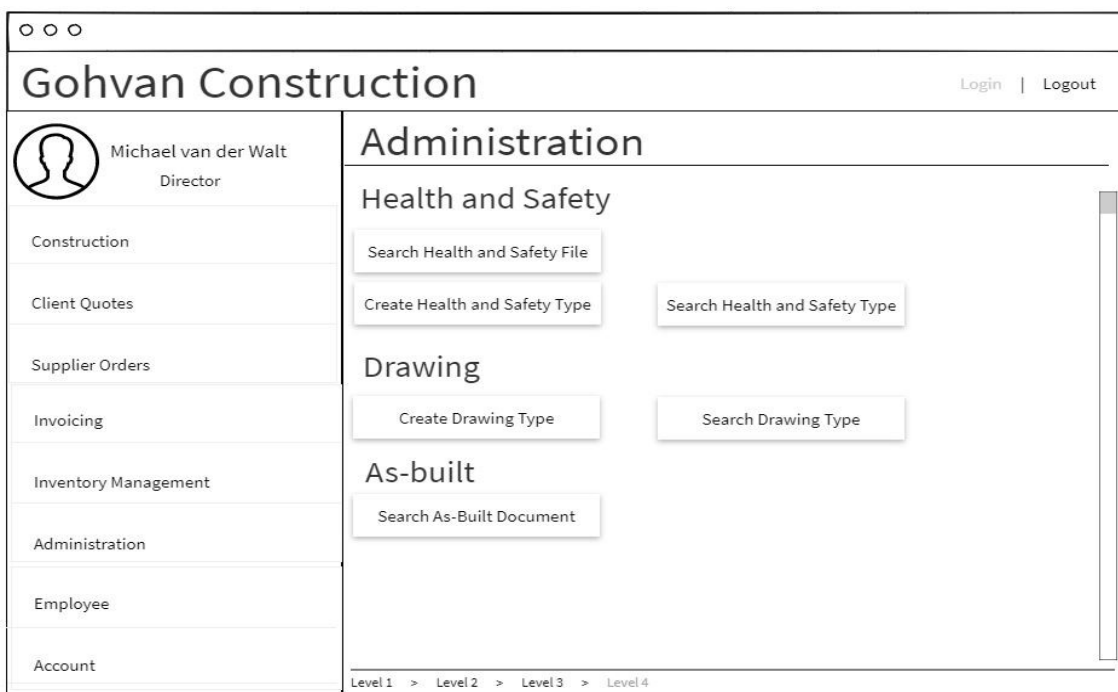
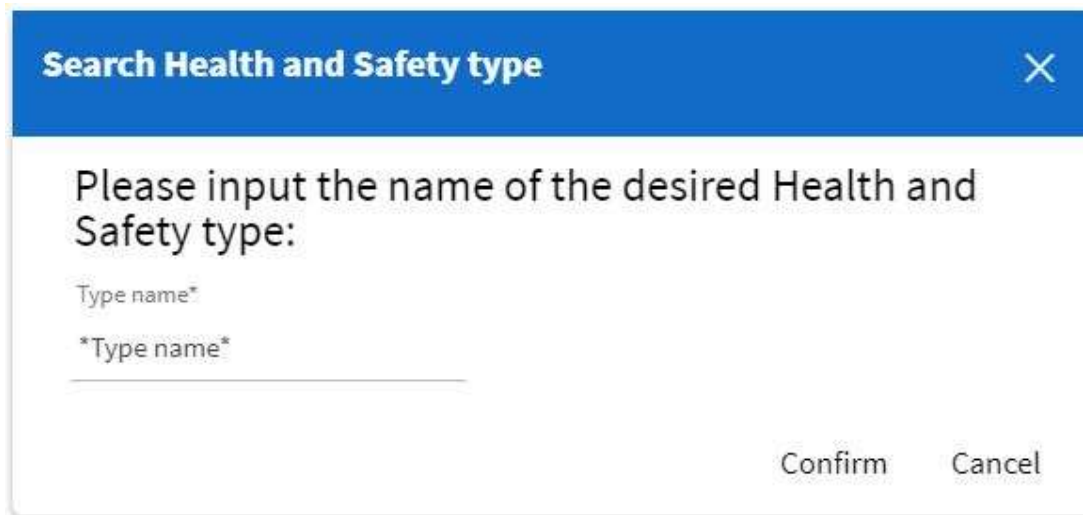


Figure 44: Administration screen



A modal window titled "Search Health and Safety type" with a blue header bar containing a close button (X). The main content area is white and contains the text "Please input the name of the desired Health and Safety type:". Below this text is a text input field with a placeholder "Type name*" and a red asterisk indicating a required field. At the bottom right of the modal are two buttons: "Confirm" and "Cancel".

Figure 45: Search health and Safety type modal



A modal window titled "Searched Health and Safety type" with a blue header bar containing a close button (X). The main content area is white and displays the text "Type: Fake type name". At the bottom right of the modal are two buttons: "Confirm" and "Cancel".

Figure 46: Searched Health and Safety type modal

1.3.5 Create Drawing Type

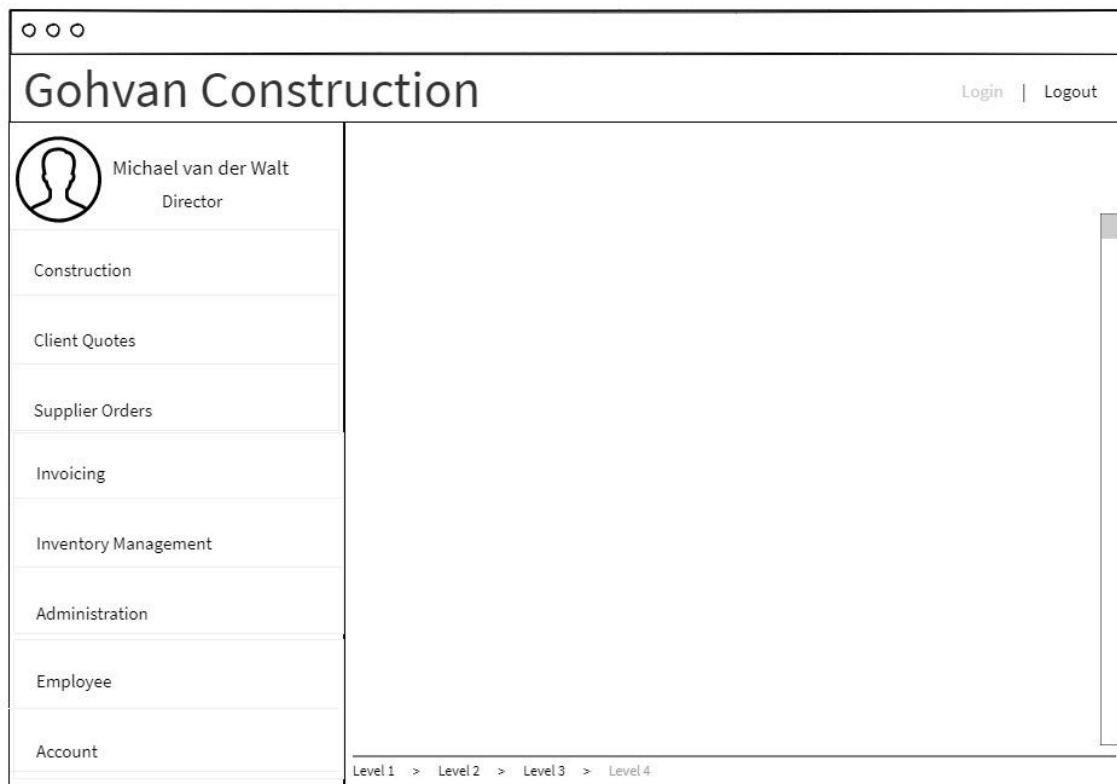


Figure 47: Side bar navigation screen

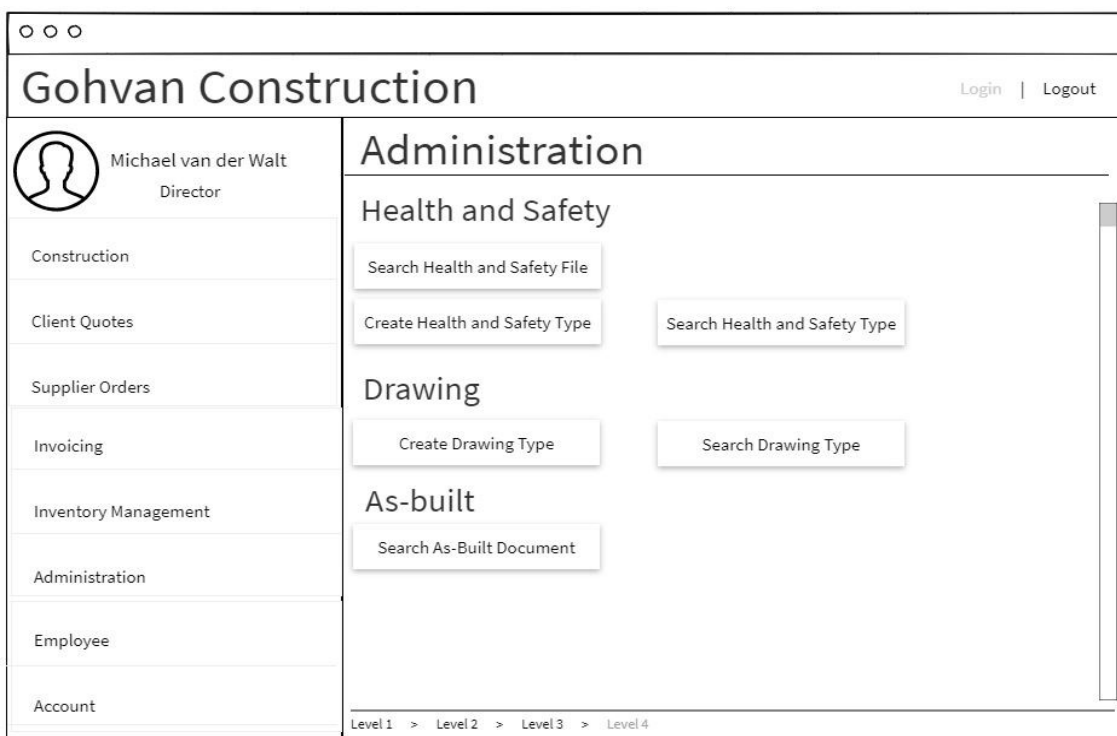

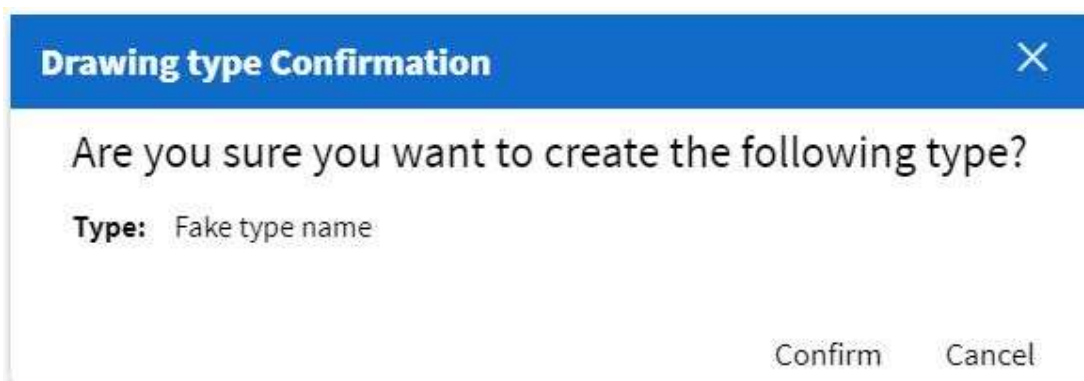


Figure 48: Administration screen



A modal dialog titled "Drawing type creation" with a blue header bar and a close button (X) in the top right corner. The main content area is white and contains the text "Please input the new desired Drawing type:". Below this is a text input field with the placeholder text "New type name*" and a red asterisk indicating it is required. At the bottom right of the modal are two buttons: "Confirm" and "Cancel".

Figure 49: Drawing type creation modal



A modal dialog titled "Drawing type Confirmation" with a blue header bar and a close button (X) in the top right corner. The main content area is white and contains the text "Are you sure you want to create the following type?". Below this is a line of text "Type: Fake type name". At the bottom right of the modal are two buttons: "Confirm" and "Cancel".

Figure 50: Drawing type confirmation modal

1.3.6 Search Drawing Type



Figure 51: Side bar navigation screen

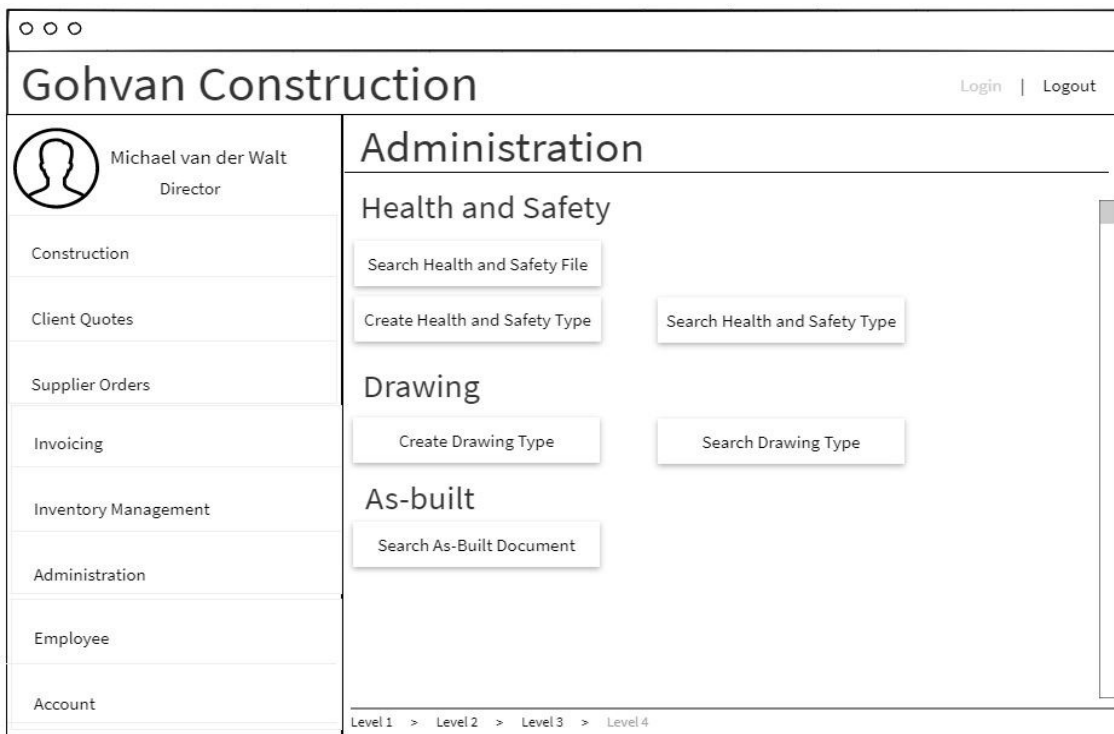
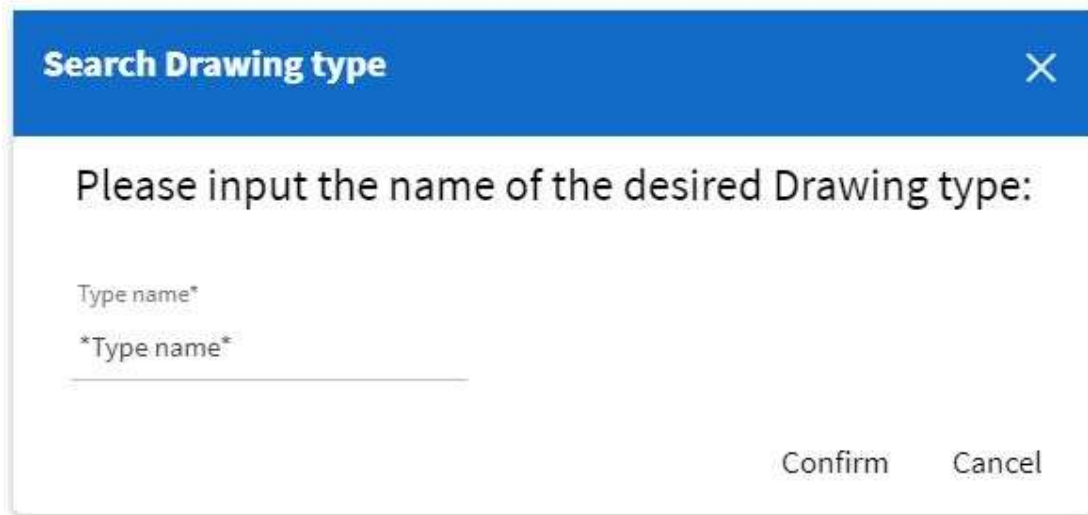


Figure 52: Administration



A modal window titled "Search Drawing type" with a blue header bar containing a close button (X). The main content area is white and contains the text "Please input the name of the desired Drawing type:". Below this is a text input field with a placeholder "Type name*" and a required field indicator "*Type name*" to its left. At the bottom right of the modal are two buttons: "Confirm" and "Cancel".

Figure 53: Search drawing type modal



A modal window titled "Searched Drawing type" with a blue header bar containing a close button (X). The main content area is white and displays the text "Type: Fake type name". At the bottom right of the modal are two buttons: "Confirm" and "Cancel".

Figure 54: Searched drawing type modal

1.3.7 Upload Formal Drawing

Gohvan Construction Login | Logout

Michael van der Walt
Director

Projects Name Location: Centurion Date started: 01-01-21
Site Number: 24 Region: Northern Gauteng last Updated: 01-01-21 **Status**

Technical Site Survey	Formal Drawing Second Cut Drawing	Allocated Teams	Quotations Purchase Orders
Site-Go-Ahead	Health and Safety File	Compliance documents	Construction Progress descriptions
Complete Site Photos	Radio Frequency report	Request Site Visit	Site Acceptance Document
Invoices	Commission report	As-Built	Site Sign Off

Level 1 > Level 2 > Level 3 > Level 4

Figure 55: Project screen

Gohvan Construction Login | Logout

Michael van der Walt
Director

Upload Formal drawing

Name*
File Name

Description:

Choose File No File Chosen

CONFIRM **CANCEL**

Level 1 > Level 2 > Level 3 > Level 4

Figure 56: Upload Formal drawing screen

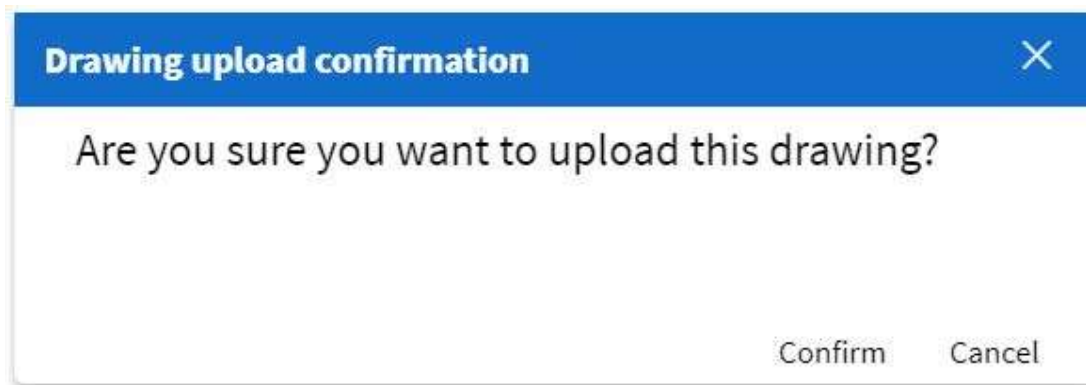


Figure 57: Upload formal drawing screen

1.3.8 Upload Second cut Drawing

Gohvan Construction Login | Logout

Projects Name Location: Centurion Date started: 01-01-21 **Status**
 Site Number: 24 Region: Northern Gauteng last Updated: 01-01-21

Technical Site Survey	Formal Drawing Second Cut Drawing	Allocated Teams	Quotations Purchase Orders
Site-Go-Ahead	Health and Safety File	Compliance documents	Construction Progress descriptions
Complete Site Photos	Radio Frequency report	Request Site Visit	Site Acceptance Document
Invoices	Commission report	As-Built	Site Sign Off

Level 1 > Level 2 > Level 3 > Level 4

Figure 58: Project screen

Gohvan Construction Login | Logout

Upload Second-cut drawing

Name*
File Name

Description:

No File Chosen

Level 1 > Level 2 > Level 3 > Level 4

Figure 59: Upload Second-cut drawing

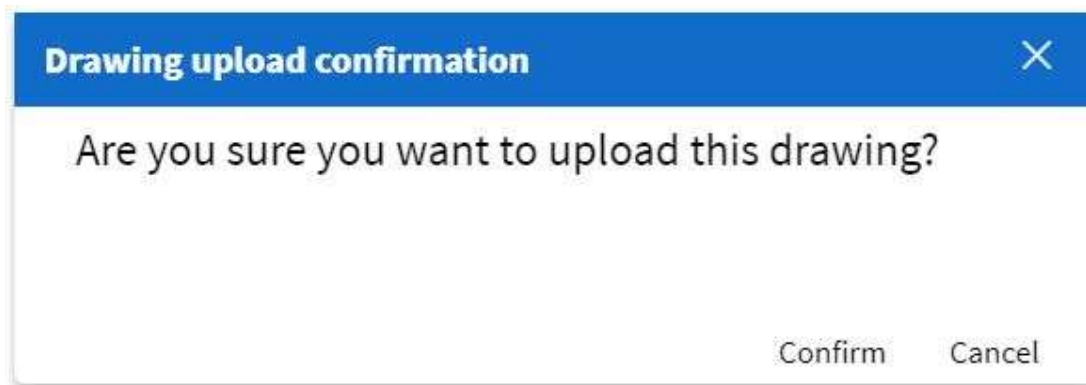


Figure 60: Upload formal drawing screen

1.3.9 Search As-built document

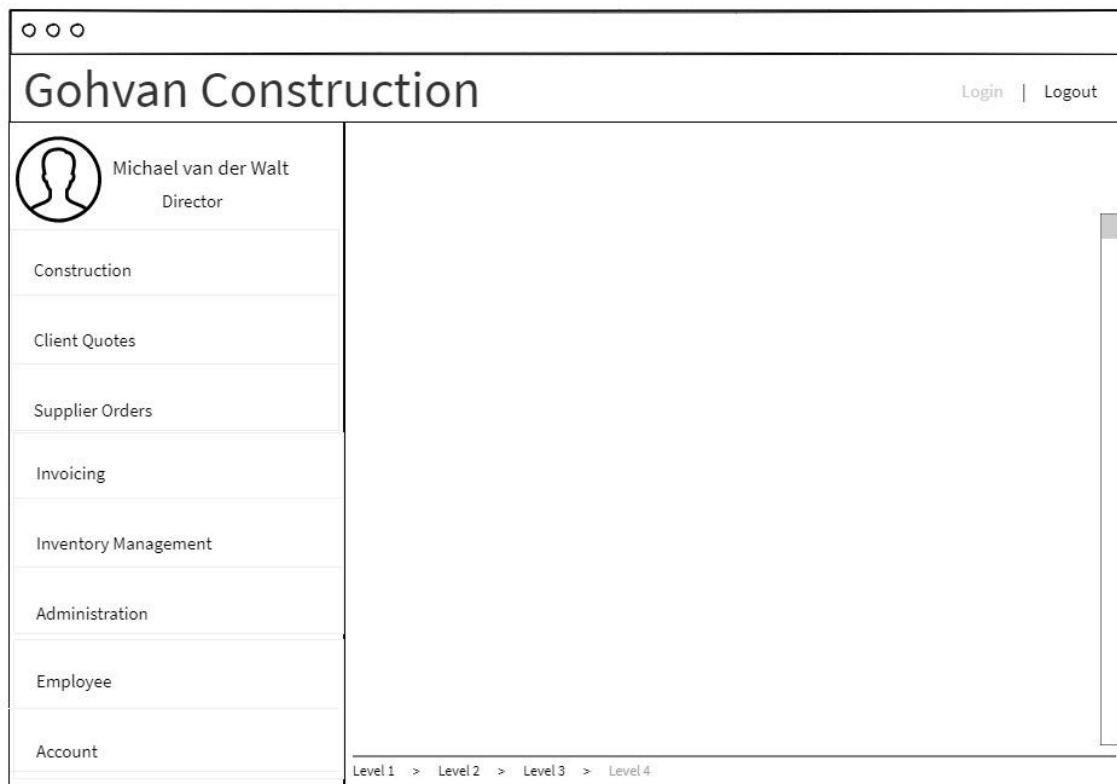


Figure 61: Side bar navigation screen

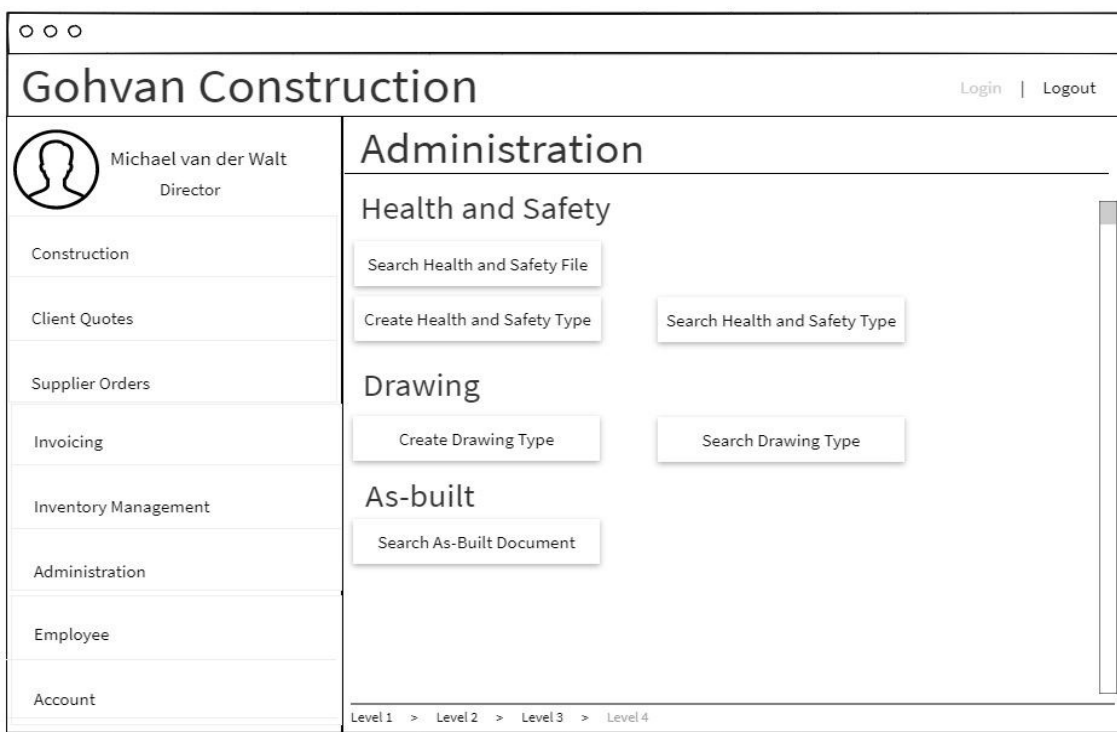


Figure 62: Administration screen

The screenshot shows a web application interface for 'Gohvan Construction'. The top navigation bar includes the company name and 'Login | Logout' links. A sidebar on the left lists user roles: Michael van der Walt (Director), Construction, Client Quotes, Supplier Orders, Invoicing, Inventory Management, Administration, Employee, and Account. The main content area is titled 'Search As-built Document File'. It contains search criteria fields: 'Name*' (with a sub-field 'File Name'), 'Project Name*' (with a sub-field 'Project Name'), 'Begin Date' (set to 12 May 2016), and 'End Date' (set to 12 May 2016). Below these fields are 'SEARCH' and 'CANCEL' buttons. At the bottom, there is a breadcrumb trail: 'Level 1 > Level 2 > Level 3 > Level 4'.

Figure 63: Search As-built document file screen

The screenshot shows the 'Searched As-built Document File' screen. The layout is consistent with Figure 63, but the search results are displayed. A box shows the search results: 'Nissan As-built Document File', 'Nissan Project', and 'Date: 12 May 2016'. A 'DOWNLOAD' button is next to the results. Below the results is a vertical ellipsis icon. At the bottom, there is a 'CLOSE' button. The breadcrumb trail at the bottom remains: 'Level 1 > Level 2 > Level 3 > Level 4'.

Figure 64: Searched As-built document file screen

1.3.10 Generate As-Built Document

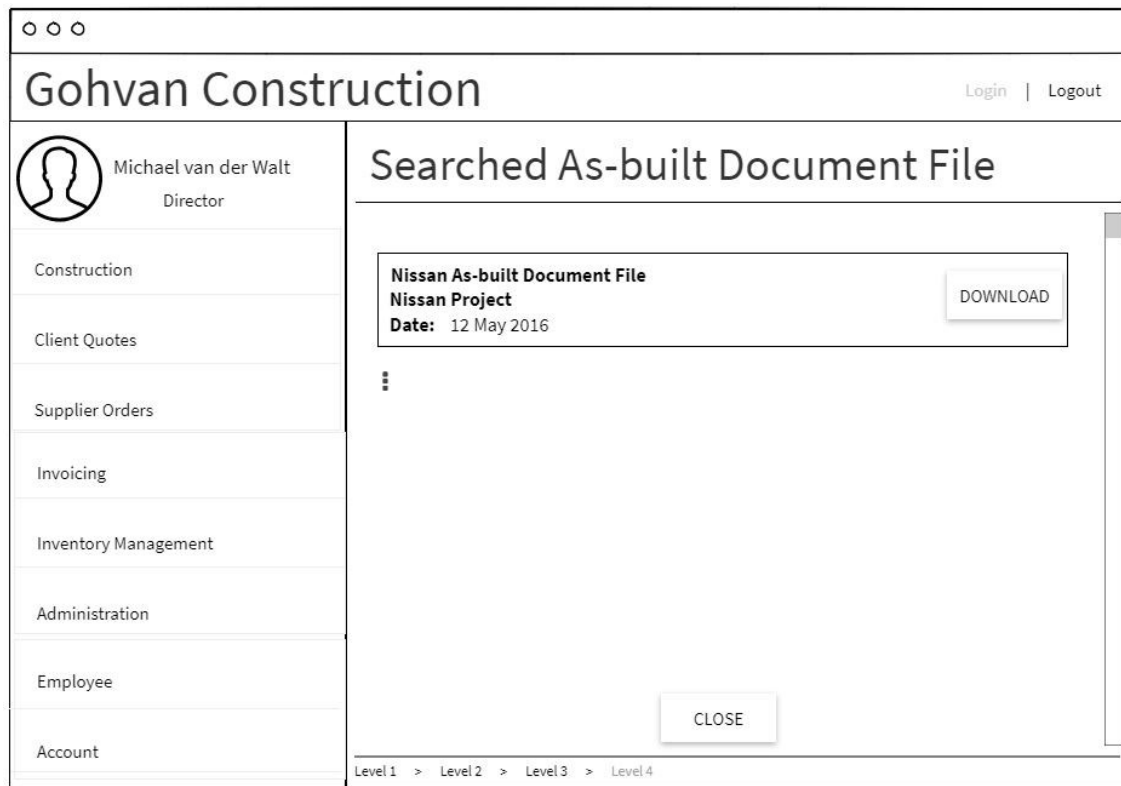


Figure 65: Project screen

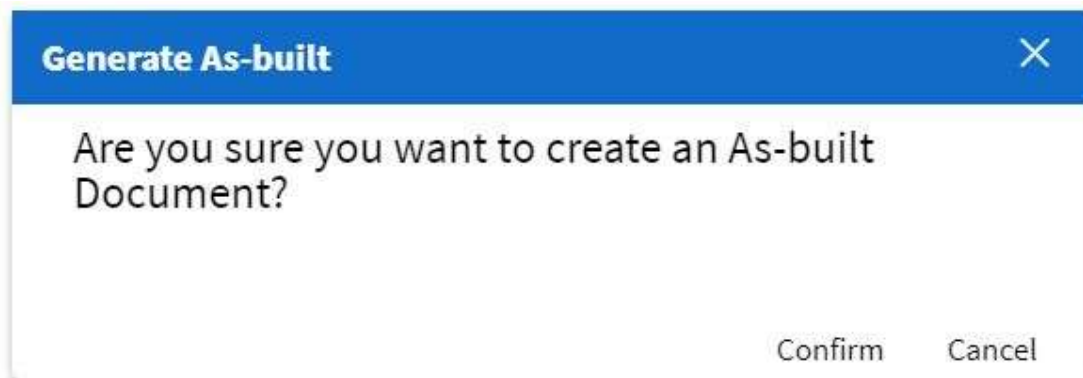


Figure 66: Generate As-built modal

Figure 67: Add Section screen

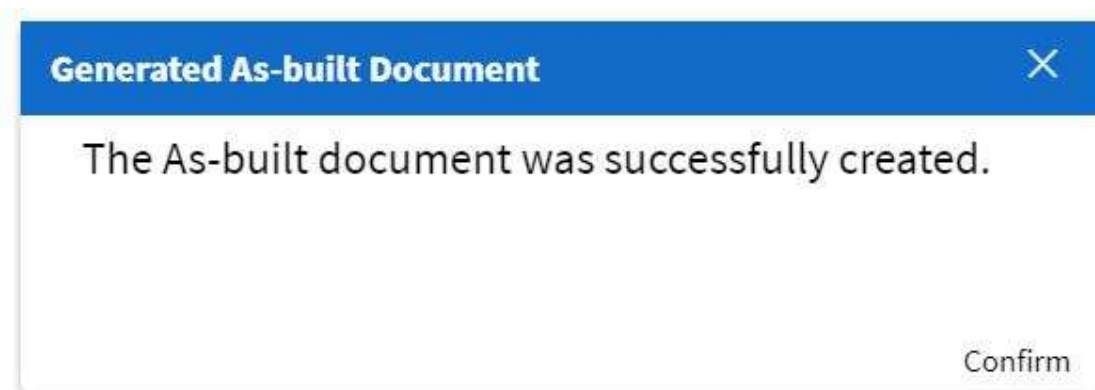


Figure 68: Generated As-built document modal

1.4. Construction Subsystem

1.4.1 Capture Site-Go-Ahead

1.4.1.1 Project page screen

Gohvan Construction Login | Logout

Michael van der Walt
Director

Projects Name
Site Number: 24
Location: Centurion
Region: Northern Gauteng
Date started: 01-01-21
last Updated: 01-01-21
Status

Technical Site Survey	Formal Drawing Second Cute Drawing	Allocated Teams	Quotations Purchase Orders
Site-Go-Ahead	Health and Safety File	Compliance documents	Construction Progress descriptions
Complete Site Photos	Radio Frequency report	Request Site Visit	Site Acceptance Document
Invoices	Commission report	As-Built	Site Sign Off

Level 1 > Level 2 > Level 3 > Level 4

1.4.1.2 Confirm to capture site go ahead

Confirmation Required


Do you want to capture the Site-Go-Ahead details?

1.4.1.3 Capture Site go ahead page

○○○

Gohvan Construction

[Login](#) | [Logout](#)

 <p>Michael van der Walt Director</p>	<div style="display: grid; grid-template-columns: repeat(4, 1fr); gap: 10px;"> <!-- Row 1 --> <div>Site Name</div> <div>Site Address:</div> <div>Date started:</div> <div>Site Contact person Name:</div> <!-- Row 2 --> <div>Type of installation:</div> <div>Area:</div> <div>Last Updated:</div> <div>Site contact person Number:</div> </div> <hr/> <div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p><u>Physical Details:</u></p> <p>Site size: <input type="text"/></p> <p>Size of Equipment housing: <input type="text"/></p> <p>Fencing: <input type="text"/></p> <p>Covering: <input type="text"/></p> </div> <div style="width: 48%;"> <p><u>Site Acceptance Document:</u></p> <div style="text-align: center;"><button>Upload</button></div> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="width: 48%;"> <p><u>Site Details:</u></p> <p>Breaker Size: <input type="text"/></p> <p>Signs Installed: <input type="text"/></p> <p>Manhole installed: <input type="text"/></p> <p>Equipment housing: <div style="display: inline-block; border: 1px solid #ccc; padding: 2px 10px; border-radius: 10px;">Upload</div></p> <p>Design Load: <input type="text"/></p> </div> <div style="width: 48%;"> <p><u>Cooling System Details:</u></p> <p>Item Code: <input type="text"/></p> <p>Serial Number: <input type="text"/></p> <p>Air Conditioner Description : <div style="border: 1px solid #ccc; height: 80px; width: 100%;"></div></p> <p>Air Conditioner Size:</p> </div> </div> <div style="text-align: right; margin-top: 20px;"> <div style="display: inline-block; border: 1px solid #ccc; padding: 5px 15px; border-radius: 10px; margin-right: 10px;">Cancel</div> <div style="display: inline-block; border: 1px solid #ccc; padding: 5px 15px; border-radius: 10px;">Confirm</div> </div>
---	---

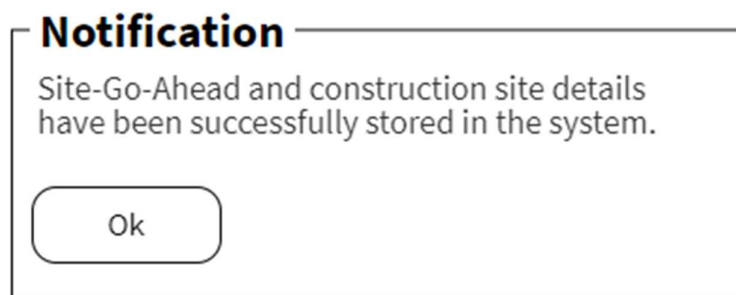
1.4.1.4 Confirm to upload site go ahead

Confirmation Required

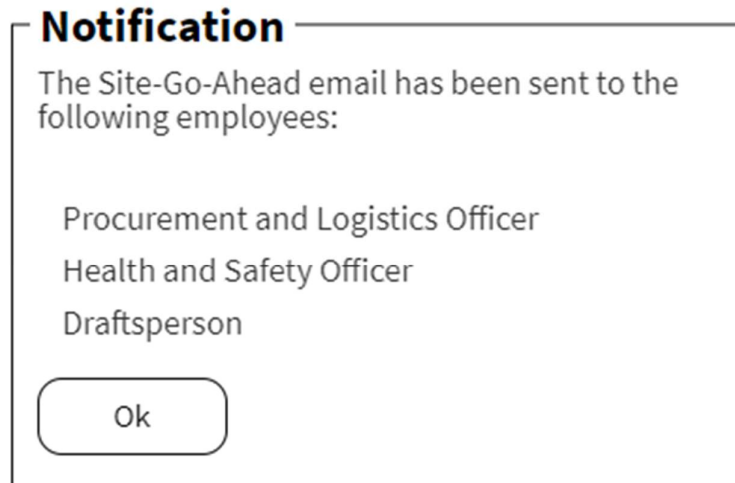
Are you sure you want to capture the entered construction site details?

YesNo

1.4.1.5 Success Notification

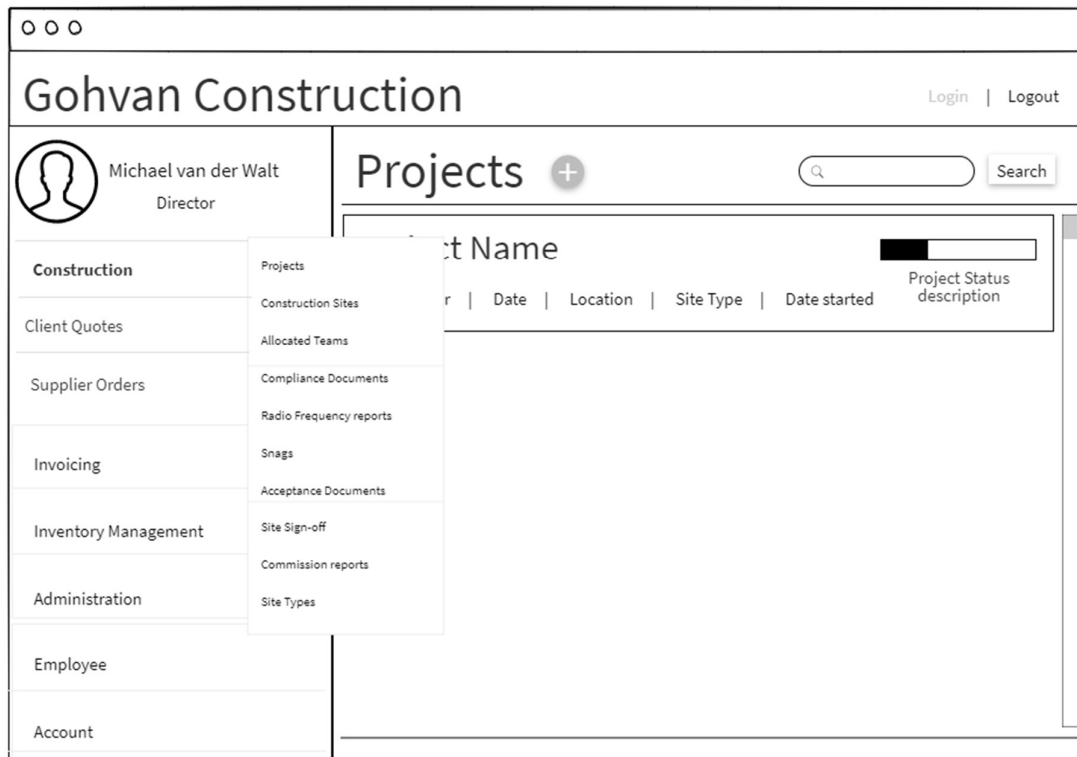


1.4.1.6 Emailed Notification



1.4.2 Search construction

1.4.2.1 Side bar navigation screen



1.4.2.2 Search Construction site page

Gohvan Construction

Login | Logout

Michael van der Walt
Director

Construction

Client Quotes

Supplier Orders

Invoicing

Inventory Management

Administration

Employee

Account

Construction Sites

Search

Site Name	Site Progress description Title	ID	Location	Start Date
-----------	---------------------------------	----	----------	------------

1.4.2.3 View Construction site page

Gohvan Construction

Login | Logout

Michael van der Walt
Director

Construction

Client Quotes

Supplier Orders

Invoicing

Inventory Management

Administration

Employee

Account

Ika_Str_Atlas

Site Address: Mabopane Unit B

Date started: 20 June 2021

Site Contact person Name:

Type of installation: Shared Site

Area: NGA

Last Updated: 20 June 2021

Site contact person Number:

Physical Details:

Site size: 12m x 12m

Size of Equipment housing: Micro Container

Fencing: 2.4m High Palisade Fence

Covering: N/A

Site Details:

Breaker Size: 12m x 12m

Signs Installed: None

Manhole installed: None

Equipment housing: View

Design Load: Large

Site Acceptance Document:

View

Cooling System Details:

Item Code: 091245

Serial Number: 240455341057A0701


Air Conditioner Description : Alliance Air-Conditioner - 9000 BTU

Air Conditioner Size: Large

Edit

1.4.3.2 Edit Construction Site Page

○○○
Gohvan Construction
Login | Logout

 <p>Michael van der Walt Director</p> <hr/> <p>Construction</p> <hr/> <p>Client Quotes</p> <hr/> <p>Supplier Orders</p> <hr/> <p>Invoicing</p> <hr/> <p>Inventory Management</p> <hr/> <p>Administration</p> <hr/> <p>Employee</p> <hr/> <p>Account</p>	<div style="display: grid; grid-template-columns: repeat(4, 1fr); gap: 5px;"> <div>Site Name</div> <div>Site Address:</div> <div>Date started:</div> <div>Site Contact person Name:</div> <div>Type of installation:</div> <div>Area:</div> <div>Last Updated:</div> <div>Site contact person Number:</div> </div>			
	<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p><u>Physical Details:</u></p> <p>Site size: <input type="text" value="12m x 12m"/></p> <p>Size of Equipment housing: <input type="text" value="Micro Container"/></p> <p>Fencing: <input type="text" value="2.4m High Palisade Fence"/></p> <p>Covering: <input type="text" value="N/A"/></p> </div> <div style="width: 35%;"> <p><u>Site Acceptance Document:</u></p> <p style="text-align: center;"><input type="button" value="Upload"/></p> </div> </div>			
	<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p><u>Site Details:</u></p> <p>Breaker Size: <input type="text" value="12m x 12m"/></p> <p>Signs Installed: <input type="text" value="None"/></p> <p>Manhole installed: <input type="text" value="None"/></p> <p>Equipment housing: <input type="button" value="Upload"/></p> <p>Design Load: <input type="text" value="Large"/></p> </div> <div style="width: 35%;"> <p><u>Cooling System Details:</u></p> <p>Item Code: <input type="text" value="091245"/></p> <p>Serial Number: <input type="text" value="240455341057A0701"/></p> <p>Air Conditioner Description :</p> <div style="border: 1px solid #ccc; padding: 5px; min-height: 40px;">Alliance Air-Conditioner ~ 9000 BTU</div> <p>Air Conditioner Size: <input type="text" value="Large"/></p> </div> </div>			
	<input type="button" value="Cancel"/> <input type="button" value="Confirm"/>			

1.4.3.3 Update Confirmation modal

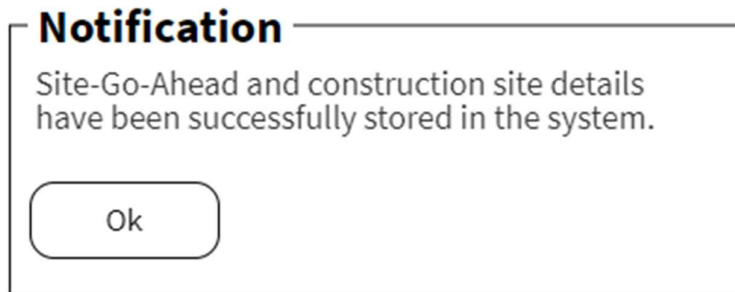
Confirmation Required

Are you sure you want to Edit the entered construction site details?

Yes

No

1.4.3.4 Updated Construction site notification



1.4.4.1 Project page

Level 1 > Level 2 > Level 3 > Level 4

1.4.4.4 Successfully allocated team notification

Notification

Team has been successfully allocated to the construction site.

Ok

1.4.4.5 Successfully notified employee notification

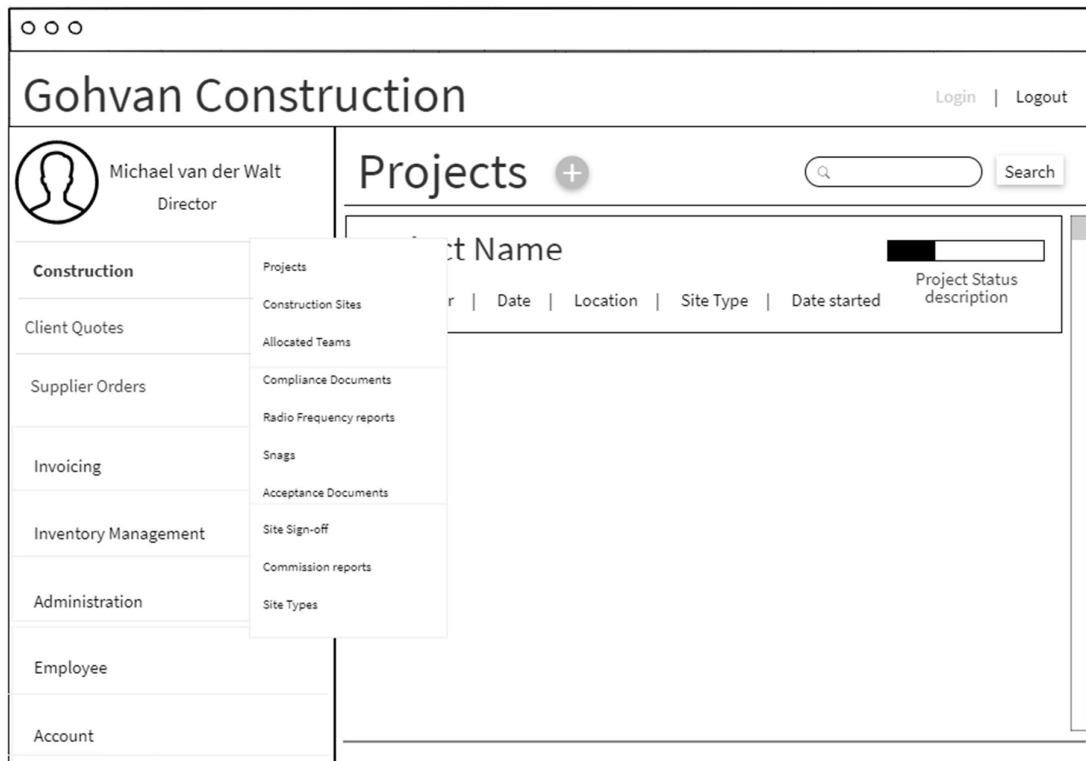
Notification

The health and safety officer and Site manager have been notified on the newly assigned team to the construction site.

Ok

1.4.5 Search Allocated Team

1.4.5.1 Home Page




1.4.5.2 Search Allocated team's page

o o o

Gohvan Construction

Login | Logout



Michael van der Walt
Director

Construction

Client Quotes

Supplier Orders

Invoicing

Inventory Management

Administration

Employee

Account

Allocated Teams

Search

Team Name

Team ID | Date assigned | Site Name

Allocate Team


Level 1 > Level 2 > Level 3 > Level 4

1.4.5.3 Allocated Teams page

o o o

Gohvan Construction

Login | Logout



Michael van der Walt
Director

Construction

Client Quotes

Supplier Orders

Invoicing

Inventory Management

Administration

Allocated Team

Team Name

Team Number

Project Name

Site Manager

Date Assigned

Total Members

ID	Employee Name	Employee Surname	Role
1	Michael	Vosloo	Worker
2	Matthew	Veltman	Site manager
3	Amore	Rossouw	Worker
4	Vincent	Yu	Worker

Edit


1.4.6 Update Allocated Team

1.4.6.1 Allocated Teams page

○○○

Gohvan Construction

Login | Logout



Michael van der Walt
Director

Construction

Client Quotes

Supplier Orders

Invoicing

Inventory Management

Administration

Allocated Team

Team Name

Team Number

Project Name

Site Manager

Date Assigned

Total Members

ID	Employee Name	Employee Surname	Role
1	Michael	Vosloo	Worker
2	Matthew	Veltman	Site manager
3	Amore	Rossouw	Worker
4	Vincent	Yu	Worker


Edit

1.4.6.2 Updated Allocated Teams page

o o o

Gohvan Construction

Login | Logout



Michael van der Walt
Director

Construction

Client Quotes

Supplier Orders

Invoicing

Inventory Management

Administration

Edit Allocated Team

Team Name

Select

Team Number

Select

Project Name

Select

ID	Employee Name	Employee Surname	Role
1	Michael	Vosloo	Worker
2	Matthew	Veltman	Site manager
3	Amore	Rossouw	Worker
4	Vincent	Yu	Worker

Confirm Edit

Cancel

1.4.6.3 Update Confirmation modal

Confirmation Required

Edit the Allocated team details?

Yes

No

1.4.6.4 Successfully updated team notification

Notification

Allocated team details have been successfully updated.

Ok

1.4.6.5 Successfully notified employees notification

Notification

The health and safety officer and Site manager have been notified on the newly edited team details to the Construction Site

Ok

1.4.7 Upload Compliance Document

1.4.7.1 Compliance Document page

The screenshot shows a web application interface for Gohvan Construction. The header includes the company name, login/logout links, and a user profile for Michael van der Walt, Director. A sidebar menu lists various system modules. The main content area is titled 'Compliance Documents' and features a search bar, a table header for 'Compliance Document Name' with columns for ID, upload date, and project name, and an 'Upload' button. A breadcrumb trail at the bottom indicates the current location within the system hierarchy.

Gohvan Construction Login | Logout

Michael van der Walt
Director

- Construction
- Client Quotes
- Supplier Orders
- Invoicing
- Inventory Management
- Administration
- Employee
- Account

Compliance Documents

Search

Compliance Document Name		
Compliance Document ID	Date uploaded	Project Name

Upload

Level 1 > Level 2 > Level 3 > Level 4

1.4.7.2 Upload Compliance document page

Gohvan Construction Login | Logout

Michael van der Walt
Director

Construction

Client Quotes

Supplier Orders

Invoicing

Inventory Management

Administration

Upload Compliance Document

Name: CAA Approval

Description: An Approval made for the CAA

Project Name: Test

Commission Report Document:

Upload Compliance Document

Upload Cancel

1.4.7.3 Upload compliance document confirmation

Confirmation Required

Are you sure you want to upload the Compliance Document?

Yes No

1.4.7.4 Successfully upload compliance document notification

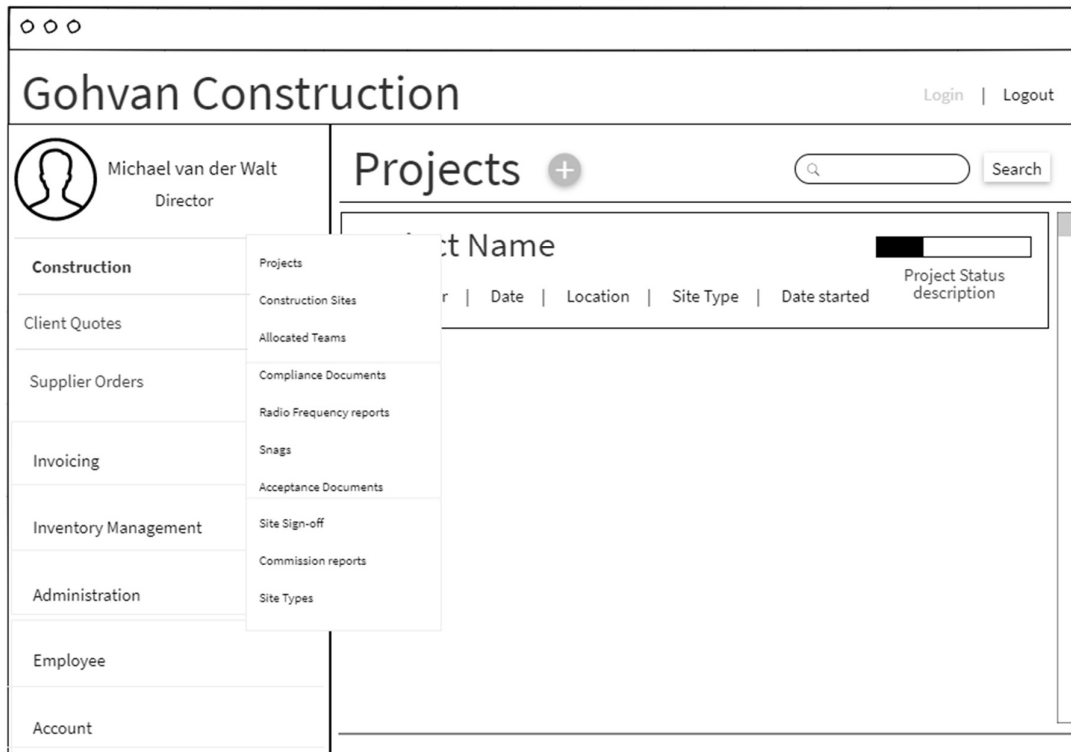
Notification

Compliance Document has been successfully uploaded to the system.

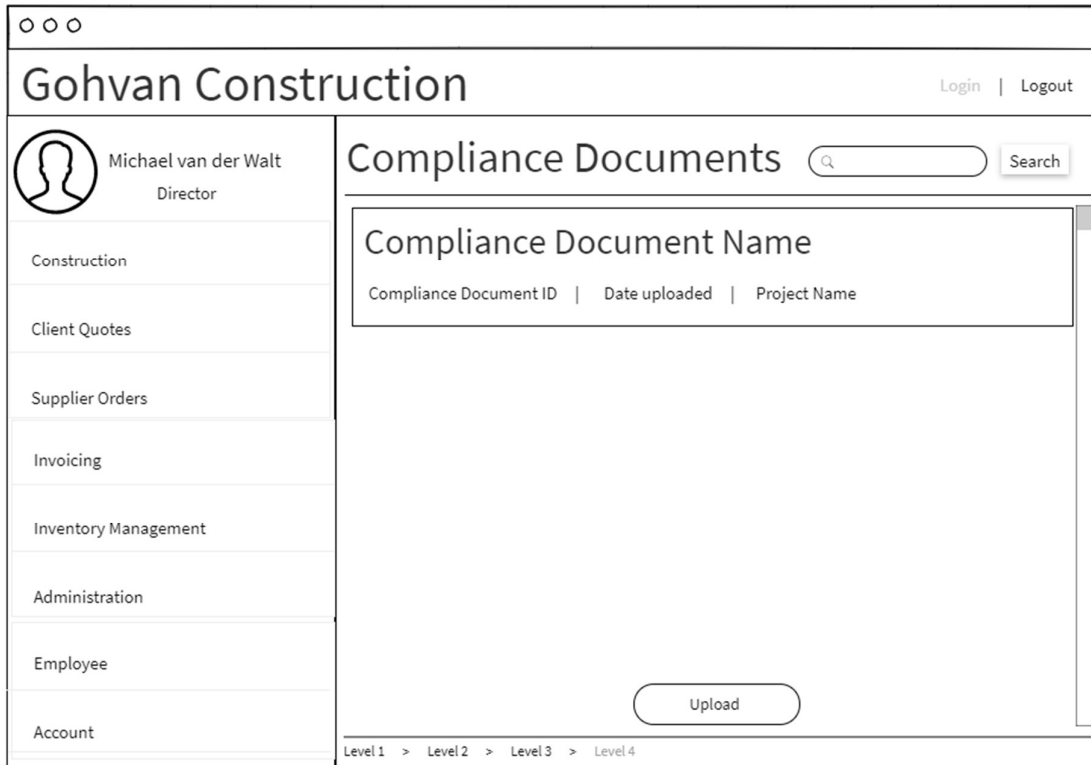
Ok

1.4.8 Search Compliance Document

1.4.8.1 Home Page

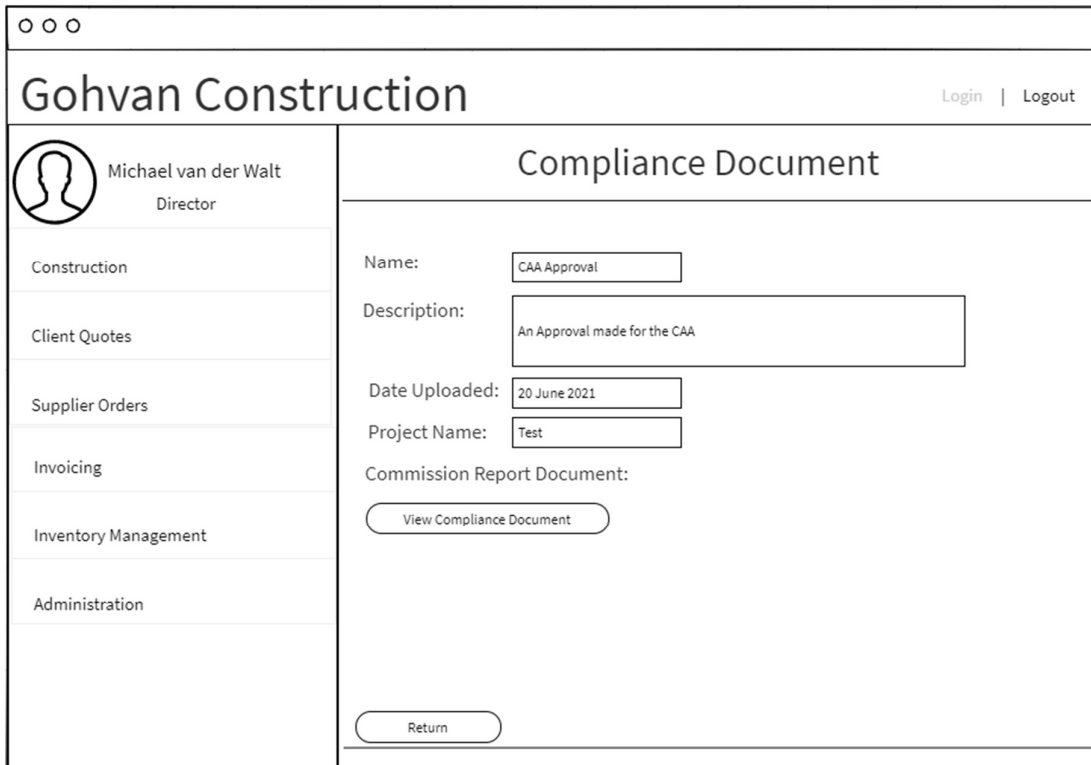


1.4.8.2 Search Compliance Document Page



The screenshot shows a web application interface for Gohvan Construction. The header includes the company name and 'Login | Logout' links. A sidebar on the left lists navigation options: Construction, Client Quotes, Supplier Orders, Invoicing, Inventory Management, Administration, Employee, and Account. The main content area is titled 'Compliance Documents' and features a search bar with a magnifying glass icon and a 'Search' button. Below the search bar is a table with the header 'Compliance Document Name' and columns for 'Compliance Document ID', 'Date uploaded', and 'Project Name'. An 'Upload' button is located at the bottom right of the table area. At the very bottom, there is a breadcrumb trail: 'Level 1 > Level 2 > Level 3 > Level 4'.

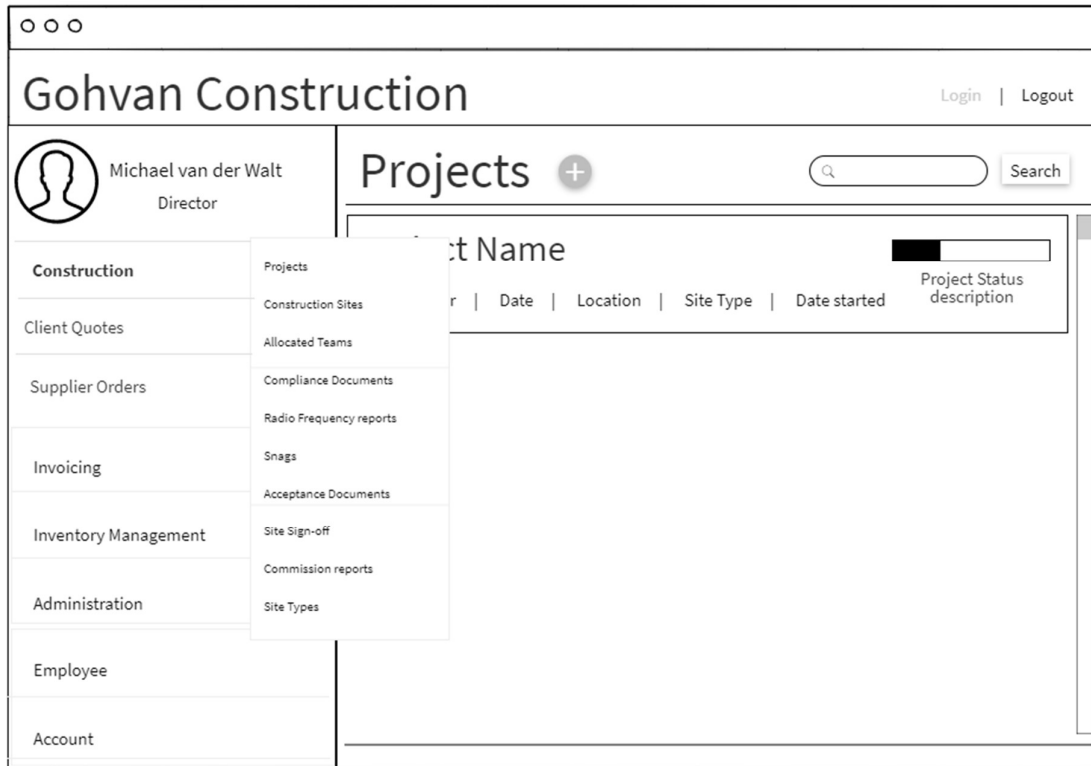
1.4.8.3 Compliance Document page



The screenshot shows a web application interface for Gohvan Construction, specifically the 'Compliance Document' page. The header includes the company name and 'Login | Logout' links. A sidebar on the left lists navigation options: Construction, Client Quotes, Supplier Orders, Invoicing, Inventory Management, and Administration. The main content area is titled 'Compliance Document' and contains a form with the following fields: 'Name:' (with value 'CAA Approval'), 'Description:' (with value 'An Approval made for the CAA'), 'Date Uploaded:' (with value '20 June 2021'), and 'Project Name:' (with value 'Test'). Below these fields is a 'Commission Report Document:' section with a 'View Compliance Document' button. At the bottom of the form is a 'Return' button.

1.4.9 Search Project

1.4.9.1 Home Page



1.4.9.2 Search Project page

Gohvan Construction

Login | Logout

Michael van der Walt
Director

Construction

Client Quotes

Supplier Orders

Invoicing

Inventory Management

Administration

Employee

Account

Projects +

Search

Project Name

Site Number | Date | Location | Site Type | Date started | Project Status description

Level 1 > Level 2 > Level 3 > Level 4

1.4.9.3 Project page

Gohvan Construction

Login | Logout

Michael van der Walt
Director

Construction

Client Quotes

Supplier Orders

Invoicing

Inventory Management

Administration

Employee

Account

Projects Name

Location: Centurion Date started: 01-01-21
Site Number: 24 Region: Northern Gauteng last Updated: 01-01-21 Status

Technical Site Survey

Formal Drawing

Second Cute Drawing

Allocated Teams

Quotations

Purchase Orders

Site-Go-Ahead

Health and Safety File

Compliance documents

Construction Progress descriptions

Complete Site Photos

Radio Frequency report

Request Site Visit

Site Acceptance Document

Invoices

Commission report

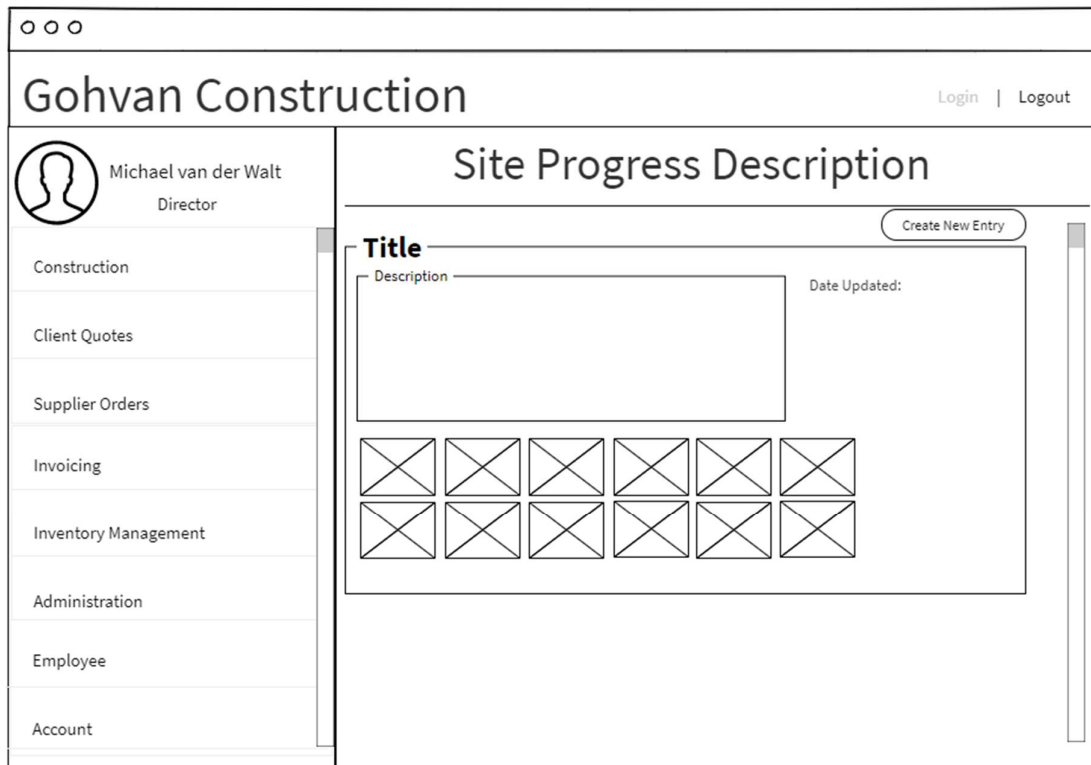
As-Built

Site Sign Off

Level 1 > Level 2 > Level 3 > Level 4

1.4.10 Create Site Progress description

1.4.10.1 Site Progress description page



The wireframe illustrates the 'Site Progress Description' page within the Gohvan Construction system. The interface is divided into three main sections: a top header, a left sidebar, and a main content area.

- Top Header:** Features the 'Gohvan Construction' logo on the left and 'Login | Logout' links on the right.
- Left Sidebar:** Contains a user profile for 'Michael van der Walt, Director' with a circular avatar icon. Below the profile is a vertical list of navigation items: 'Construction', 'Client Quotes', 'Supplier Orders', 'Invoicing', 'Inventory Management', 'Administration', 'Employee', and 'Account'.
- Main Content Area:**
 - Title:** A large text input field for the entry title.
 - Description:** A large text area for the main description.
 - Date Updated:** A label for the date field.
 - Create New Entry:** A button located at the top right of the main content area.
 - Image Grid:** A 2x6 grid of placeholder boxes, each containing an 'X' mark, intended for site progress photos.

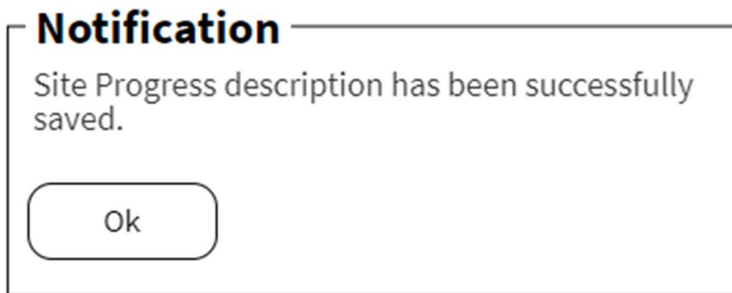
1.4.10.2 Create new site progress description page

The screenshot shows a web application interface for 'Gohvan Construction'. On the left is a sidebar with a user profile for 'Michael van der Walt, Director' and a list of menu items: Construction, Client Quotes, Supplier Orders, Invoicing, Inventory Management, and Administration. The main content area is titled 'Create Site Progress Description'. It contains form fields for 'Site Name' (Test), 'Start date' (20 June 2021), 'Title' (Fencing), and 'Last updated' (20 June 2021). A 'Description' text area contains the text 'Fencing was added to the site'. Below this is an 'Attach progress photo' button followed by a 2x6 grid of placeholder images. At the bottom are 'Submit' and 'Cancel' buttons.

1.4.10.3 Create Site progress description confirmation modal

A confirmation modal with the title 'Confirmation Required'. The text inside asks, 'Are you sure you want to create the site progress description?'. At the bottom are two buttons: 'Yes' and 'No'.

1.4.10.4 Successfully captured notification



1.4.11 View Site Progress description

1.4.11.1 Project page

The screenshot shows the 'Gohvan Construction' project page. At the top, there's a header with the company name and 'Login | Logout' links. Below the header, a sidebar on the left lists navigation options: Construction, Client Quotes, Supplier Orders, Invoicing, Inventory Management, Administration, Employee, and Account. The main content area displays project details for 'Projects Name' (Site Number: 24), 'Location: Centurion', 'Date started: 01-01-21', and 'Region: Northern Gauteng'. A 'Status' dropdown is also present. The central part of the page features a grid of 16 boxes representing different project components: Technical Site Survey, Formal Drawing, Second Cute Drawing, Allocated Teams, Quotations, Purchase Orders, Site-Go-Ahead, Health and Safety File, Compliance documents, Construction Progress descriptions (highlighted), Complete Site Photos, Radio Frequency report, Request Site Visit, Site Acceptance Document, Invoices, Commission report, As-Built, and Site Sign Off. At the bottom, there's a breadcrumb trail: Level 1 > Level 2 > Level 3 > Level 4.

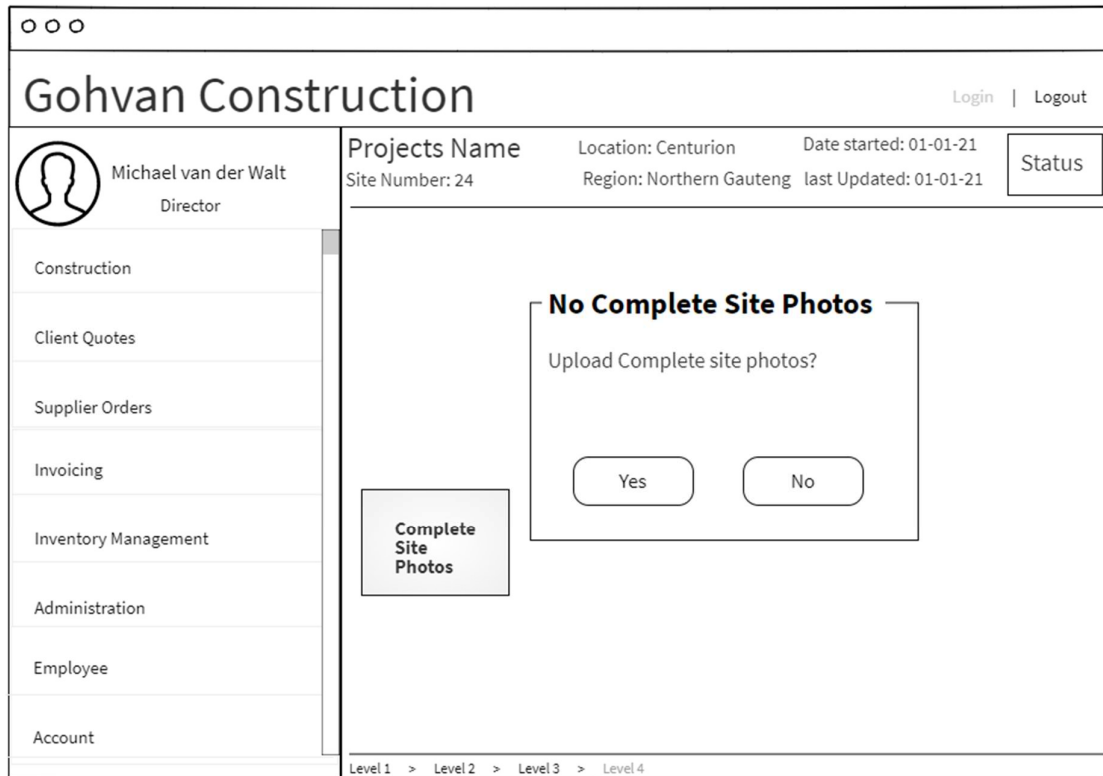
1.4.11.2 Site Progress description page

The screenshot shows the 'Gohvan Construction' Site Progress Description page. The header is identical to the previous page. The sidebar on the left is also the same. The main content area is titled 'Site Progress Description' and includes a 'Create New Entry' button. Below the title, there's a form with a 'Title' field and a 'Description' field. To the right of the description field is a 'Date Updated:' label. Below the description field, there's a grid of 12 placeholder boxes, each containing an 'X' mark, arranged in two rows of six.

1.4.12.1 Project page

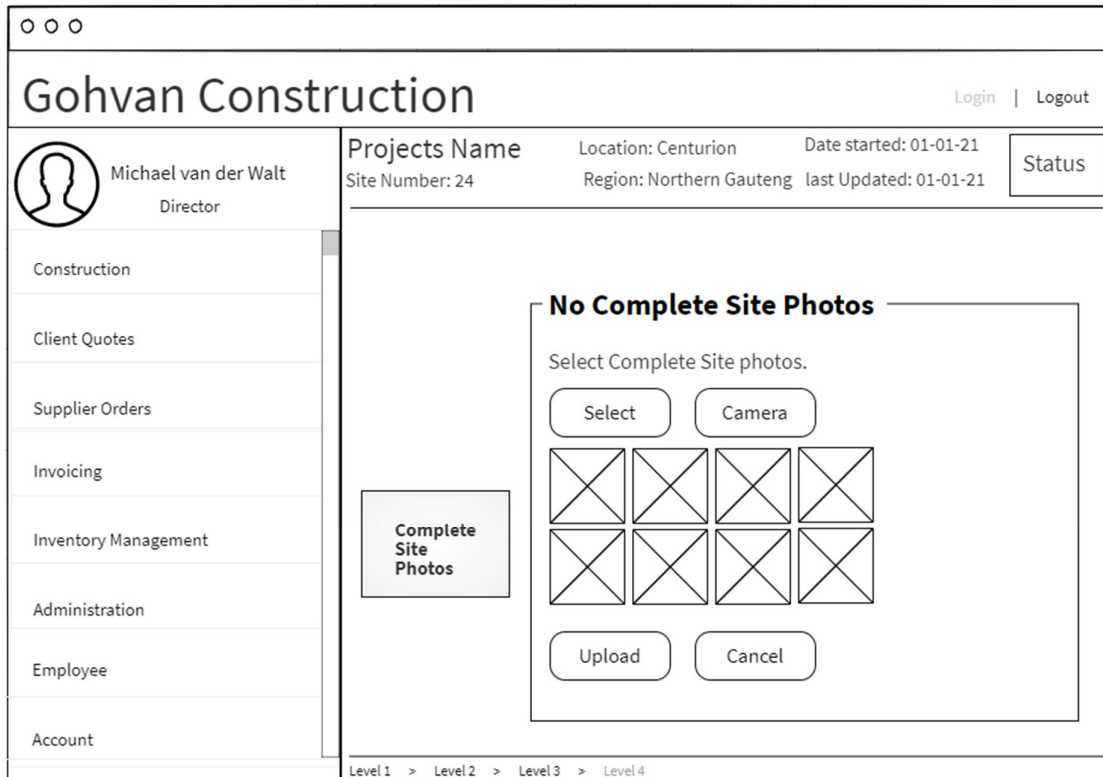
Level 1 > Level 2 > Level 3 > Level 4

1.4.12.2 Confirmation upload initial complete site photos



The screenshot shows the Gohvan Construction system interface. The header includes the company name 'Gohvan Construction', a 'Login | Logout' link, and a user profile for Michael van der Walt, Director. The left sidebar lists various modules: Construction, Client Quotes, Supplier Orders, Invoicing, Inventory Management, Administration, Employee, and Account. The main content area displays project details for 'Projects Name' (Site Number: 24, Location: Centurion, Date started: 01-01-21, Region: Northern Gauteng, last Updated: 01-01-21) and a 'Status' button. A modal titled 'No Complete Site Photos' is open, asking 'Upload Complete site photos?' with 'Yes' and 'No' buttons. A 'Complete Site Photos' button is also visible in the sidebar. The footer shows a breadcrumb trail: Level 1 > Level 2 > Level 3 > Level 4.

1.4.12.3 Capture complete site photos modal



The screenshot shows the Gohvan Construction system interface with the 'Capture complete site photos' modal open. The modal title is 'No Complete Site Photos' and it asks 'Select Complete Site photos.' Below the text are 'Select' and 'Camera' buttons. A grid of eight placeholder images (represented by squares with an 'X') is displayed. At the bottom of the modal are 'Upload' and 'Cancel' buttons. The rest of the interface, including the header, sidebar, and project details, is identical to the previous screenshot. The footer shows the same breadcrumb trail: Level 1 > Level 2 > Level 3 > Level 4.

1.4.12.4 Upload Complete site photos confirmation

Confirmation Required
Upload Complete Site photos

1.4.12.5 Successfully upload complete site photos notification

Notification
Complete site photos upload and employee notified

1.4.13 Search complete site photos

1.4.13.1 Project Page

The screenshot shows the Gohvan Construction web application interface. At the top, there's a header with the company name "Gohvan Construction" and links for "Login" and "Logout". Below the header, a sidebar on the left lists navigation options: Construction, Client Quotes, Supplier Orders, Invoicing, Inventory Management, Administration, Employee, and Account. The main content area displays project details for "Projects Name" (Site Number: 24), "Location: Centurion", "Date started: 01-01-21", "Region: Northern Gauteng", and "last Updated: 01-01-21". A "Status" dropdown is also present. A grid of 16 task cards is shown, including "Technical Site Survey", "Formal Drawing", "Second Cute Drawing", "Allocated Teams", "Quotations", "Purchase Orders", "Site-Go-Ahead", "Health and Safety File", "Compliance documents", "Construction Progress descriptions", "Complete Site Photos" (highlighted), "Radio Frequency report", "Request Site Visit", "Site Acceptance Document", "Invoices", "Commission report", "As-Built", and "Site Sign Off". At the bottom, there are navigation links for "Level 1", "Level 2", "Level 3", and "Level 4".

1.4.13.2 Complete site photos modal

The screenshot shows the "Complete Site Photos" modal interface. It features a title bar with the text "Complete Site Photos". Below the title bar, there is a grid of 12 placeholder images, each represented by a square with an 'X' inside. At the bottom left of the modal, there is a "Close" button.

1.4.14 Upload Radio Frequency report

1.4.14.1 Project page

The screenshot shows the 'Gohvan Construction' project page. At the top, there's a header with the company name and 'Login | Logout' links. Below the header, a sidebar on the left lists navigation options: Construction, Client Quotes, Supplier Orders, Invoicing, Inventory Management, Administration, Employee, and Account. The main content area displays project details for 'Projects Name' (Site Number: 24), 'Location: Centurion', 'Region: Northern Gauteng', 'Date started: 01-01-21', and 'Status'. A grid of 16 buttons represents various project tasks, with 'Radio Frequency report' highlighted. At the bottom, a breadcrumb trail shows 'Level 1 > Level 2 > Level 3 > Level 4'.

Projects Name	Location: Centurion	Date started: 01-01-21	Status
Site Number: 24	Region: Northern Gauteng	last Updated: 01-01-21	

Technical Site Survey	Formal Drawing Second Cute Drawing	Allocated Teams	Quotations Purchase Orders
Site-Go-Ahead	Health and Safety File	Compliance documents	Construction Progress descriptions
Complete Site Photos	Radio Frequency report	Request Site Visit	Site Acceptance Document
Invoices	Commission report	As-Built	Site Sign Off

Level 1 > Level 2 > Level 3 > Level 4

1.4.14.2 Upload Radio frequency report page

The screenshot shows the 'Gohvan Construction' 'Upload Radio Frequency report' page. It features the same sidebar as the previous page. The main content area is titled 'Upload Radio Frequency report' and contains a form with the following fields: 'Name' (text input with 'NISSAN_ROSSLYN'), 'Radio Frequency report' (button with 'Upload'), 'Project Name' (dropdown menu with 'Select'), 'Item Code' (text input with '254245'), 'Serial Number' (text input with '524245'), 'Air Conditioner Size' (text input with '4m x 4m'), and 'Description' (text area with 'Description of the uploading RF report'). Below these fields is a 'Cooling System document' section with an 'Upload' button. At the bottom, there are 'Submit' and 'Cancel' buttons.

Name: NISSAN_ROSSLYN

Radio Frequency report: Upload

Project Name: Select

Item Code: 254245

Serial Number: 524245

Air Conditioner Size: 4m x 4m

Description: Description of the uploading RF report

Cooling System document: Upload

Submit Cancel

1.4.14.3 Upload Radio Frequency report confirmation modal

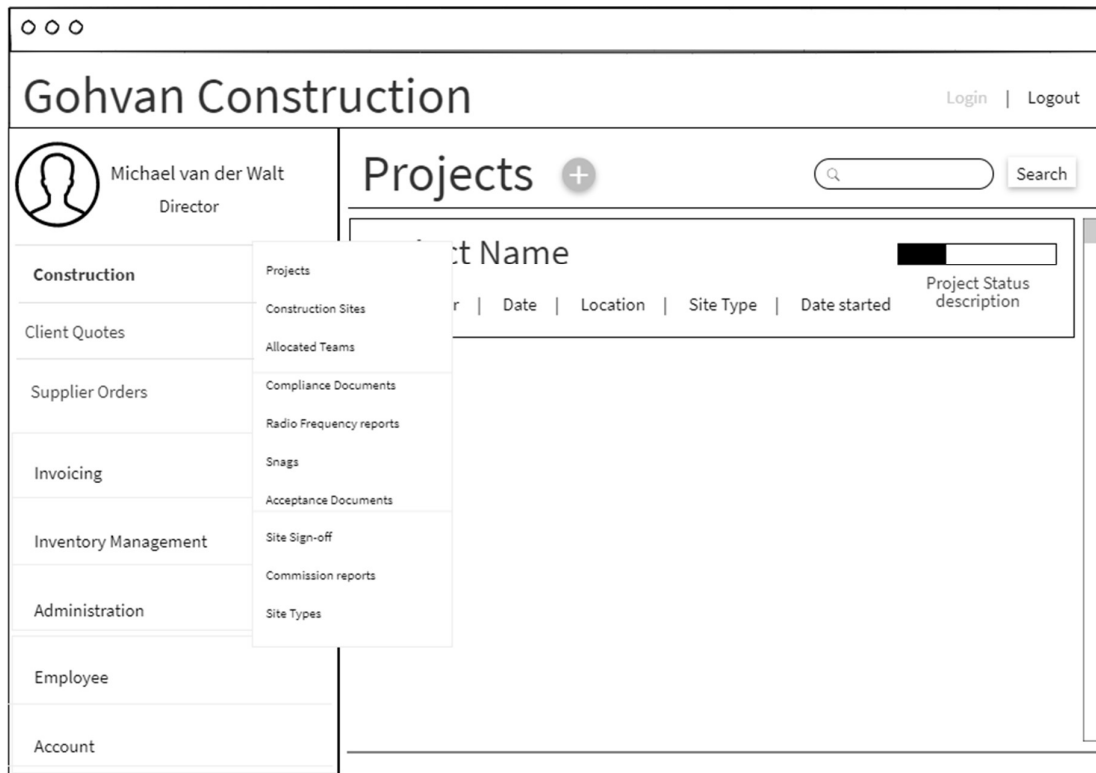
Confirmation Required
Are you sure you want to upload the Radio Frequency report?

1.4.14.4 Successfully uploaded Radio Frequency report notification

Notification
Radio Frequency Report has been uploaded.

1.4.15 Search Radio Frequency report

1.4.15.1 Home Page



1.4.15.2 Search Radio frequency report page

The mockup shows a web interface for 'Gohvan Construction'. On the left is a sidebar with a user profile for Michael van der Walt (Director) and a list of menu items: Construction, Client Quotes, Supplier Orders, Invoicing, Inventory Management, Administration, Employee, and Account. The main content area is titled 'Radio Frequency Reports' and includes a search bar with a magnifying glass icon and a 'Search' button. Below the search bar is a table with columns for 'Radio Frequency Report ID', 'Date uploaded', and 'Project Name', and a 'View' button. At the bottom of the main area is an 'Upload' button. A breadcrumb trail at the very bottom reads 'Level 1 > Level 2 > Level 3 > Level 4'.

1.4.15.3 Radio Frequency report page

The mockup shows a web interface for 'Gohvan Construction' with the same sidebar as the previous page. The main content area is titled 'Radio Frequency report'. It contains several form fields: 'Name' (text input with value 'NISSAN_ROSSLYN'), 'Date uploaded' (text input with value '20 June 2021'), 'Radio Frequency report:' (button with value 'View'), 'Project Name:' (dropdown menu with value 'Select'), 'Item Code:' (text input with value '254245'), 'Serial Number:' (text input with value '524245'), 'Air Conditioner Size:' (text input with value '4m x 4m'), and 'Description:' (text area with value 'Description of the uploading RF report'). Below these fields is a 'Cooling System document:' label and a 'View' button. At the bottom of the main area is a 'Return' button.

1.4.16 Request Site Visit

1.4.16.1 Project page

The screenshot shows a web application interface for 'Gohvan Construction'. At the top, there are three small circles and the company name. On the right, there are 'Login' and 'Logout' links. Below the header, a user profile for 'Michael van der Walt, Director' is shown on the left. The main area displays project details for 'Project Name: Site Number: 24', 'Location: Centurion', 'Date started: 01-01-21', 'Region: Northern Gauteng', and 'last Updated: 01-01-21'. A 'Status' button is also present. A grid of 16 task cards is shown, with 'Request Site Visit' highlighted. The bottom navigation bar shows 'Level 1 > Level 2 > Level 3 > Level 4'.

Gohvan Construction		Login	Logout	
<ul style="list-style-type: none"> Construction Client Quotes Supplier Orders Invoicing Inventory Management Administration Employee Account 	Projects Name Site Number: 24		Location: Centurion Region: Northern Gauteng	
	Date started: 01-01-21 last Updated: 01-01-21		Status	
	Technical Site Survey	Formal Drawing Second Cute Drawing	Allocated Teams	Quotations Purchase Orders
	Site-Go-Ahead	Health and Safety File	Compliance documents	Construction Progress descriptions
	Complete Site Photos	Radio Frequency report	Request Site Visit	Site Acceptance Document
	Invoices	Commission report	As-Built	Site Sign Off
	Level 1 > Level 2 > Level 3 > Level 4			

1.4.16.2 Confirmation to request site visit modal

A modal dialog box titled 'Confirmation Required'. It contains the text: 'Are you sure you want to request the Site visit from the Quality Control Officer?'. Below the text are two buttons: 'Yes' and 'No'.

1.4.16.3 Successfully requested site visit notification

A modal dialog box titled 'Notification'. It contains the text: 'Site Visit has been requested'. Below the text is a single button: 'Ok'.


1.4.17 Create Snag

1.4.17.1 Snag details page

○○○

Gohvan Construction

Login | Logout



Michael van der Walt
Director

Construction

Client Quotes

Supplier Orders

Invoicing

Inventory Management

Administration

Employee

Account

Snags

Search

Snag ID	Snag Item	View
1	Cable	View
2	Fencing	View
3	Cooling system	View

New Snag

Level 1 > Level 2 > Level 3 > Level 4

1.4.17.2 Create snag details page

Gohvan Construction

Login | Logout

Michael van der Walt
Director

Construction

Client Quotes

Supplier Orders

Invoicing

Inventory Management

Administration

Create Snag

Snag Item: Cable

Description: Cable length is invalid

Date Created: 20 June 2021

Create Cancel

1.4.17.3 Confirmation to create snag details modal

Confirmation Required

Confirmation Snag creation?

Yes No

1.4.17.4 Successfully created snag notification

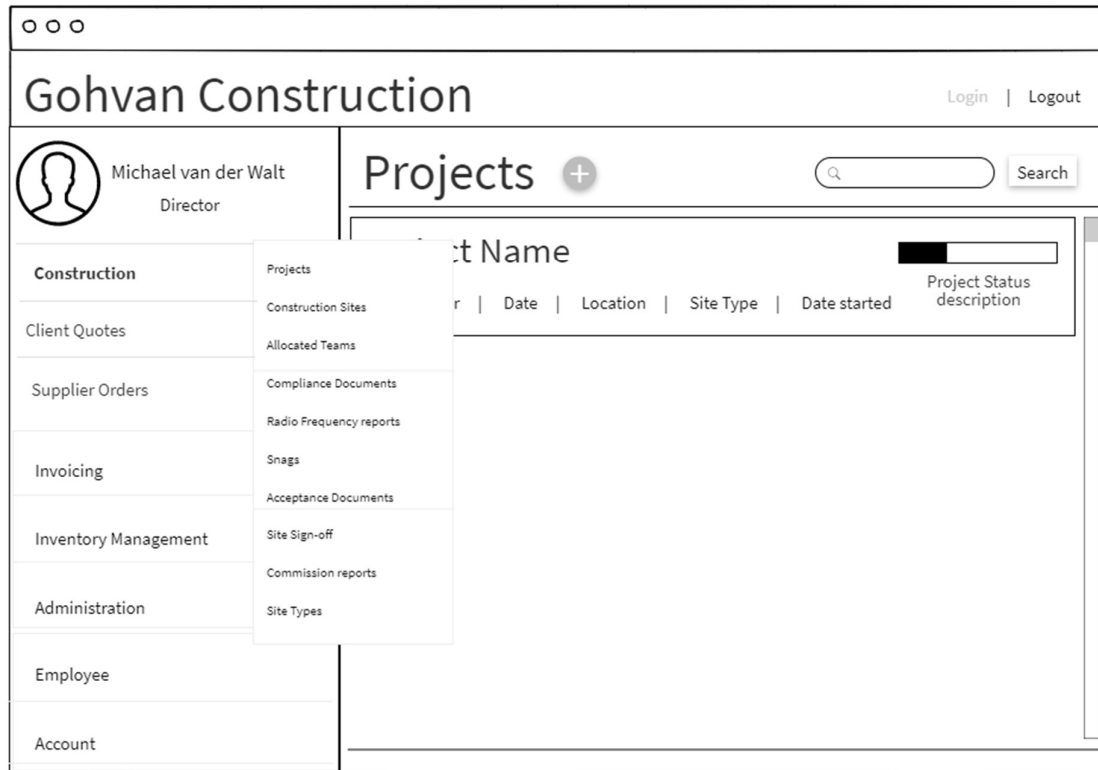
Notification

Snag has been successfully created

Ok

1.4.18 Search Snag

1.4.18.1 Home Page



1.4.18.2 Snag details page

Gohvan Construction

Login | Logout

Michael van der Walt
Director

Construction

Client Quotes

Supplier Orders

Invoicing

Inventory Management

Administration

Employee

Account

Snags

Search

Snag ID	Snag Item	View
1	Cable	View
2	Fencing	View
3	Cooling system	View

New Snag

Level 1 > Level 2 > Level 3 > Level 4

1.4.18.3 Snag item page

Gohvan Construction

Login | Logout

Michael van der Walt
Director

Construction

Client Quotes

Supplier Orders

Invoicing

Inventory Management

Administration

Snag

Snag Item:

Description:

Date Created:

Edit

Return


1.4.19 Edit Snag

1.4.19.1 Snag item page

○○○

Gohvan Construction

Login | Logout



Michael van der Walt
Director

Construction

Client Quotes

Supplier Orders

Invoicing

Inventory Management

Administration

Snag

Snag Item:

Description:

Date Created:

Edit

Return

1.4.19.2 Edit snag item page

Gohvan Construction

Login | Logout

Michael van der Walt
Director

Construction

Client Quotes

Supplier Orders

Invoicing

Inventory Management

Administration

Edit Snag

Snag Item: Cable

Description: Cable length is invalid

Date Created: 20 June 2021

Confirm Edit Cancel

1.4.19.3 Edit snag confirmation modal

Confirmation Required

Confirmation to edit snag?

Yes No

1.4.19.14 Successfully edit snag notification

Notification

Snag has been successfully Edited

Ok


1.4.20 Edit Acceptance Document

1.4.20.1 Acceptance Document page

○○○

Gohvan Construction

Login | Logout



Michael van der Walt
Director

Construction

Client Quotes

Supplier Orders

Invoicing

Inventory Management

Administration

View Acceptance Document

Name:

Date Created

Date Accepted

Note

View Acceptance

Snag Item	Snag Description	Date caught
Signs	No signs	20/06/2021
Cable length	7 != 6	20/06/2021
manhole installed	not was not installed	20/06/2021


Edit

Confirm

Return

1.4.20.2 Edit Acceptance Document page

○○○
Gohvan Construction
Login | Logout



Michael van der Walt
Director

- Construction
- Client Quotes
- Supplier Orders
- Invoicing
- Inventory Management
- Administration




Edit Acceptance Document

Name:

Date Created

Date Accepted

Note

Snag Item	Snag Description	Date caught	Complete	Remove
Sigs	No sigs	20/06/2021	<input checked="" type="checkbox"/>	
Cable length	7 != 6	20/06/2021	<input checked="" type="checkbox"/>	
manhole installed	not was not installed	20/06/2021	<input checked="" type="checkbox"/>	

Add Snag

Confirm

Cancel

1.4.20.3 Acceptance Documents snag modal

Snag Details

Snag Item:

Select

Date Caught:

Snag Description:

Add

Cancel

1.4.20.4 Edit Acceptance document confirmation modal

Confirmation Required

Confirmation to Add snag to Acceptance Documents?

Yes

No

1.4.20.5 Successfully updated acceptance document notification

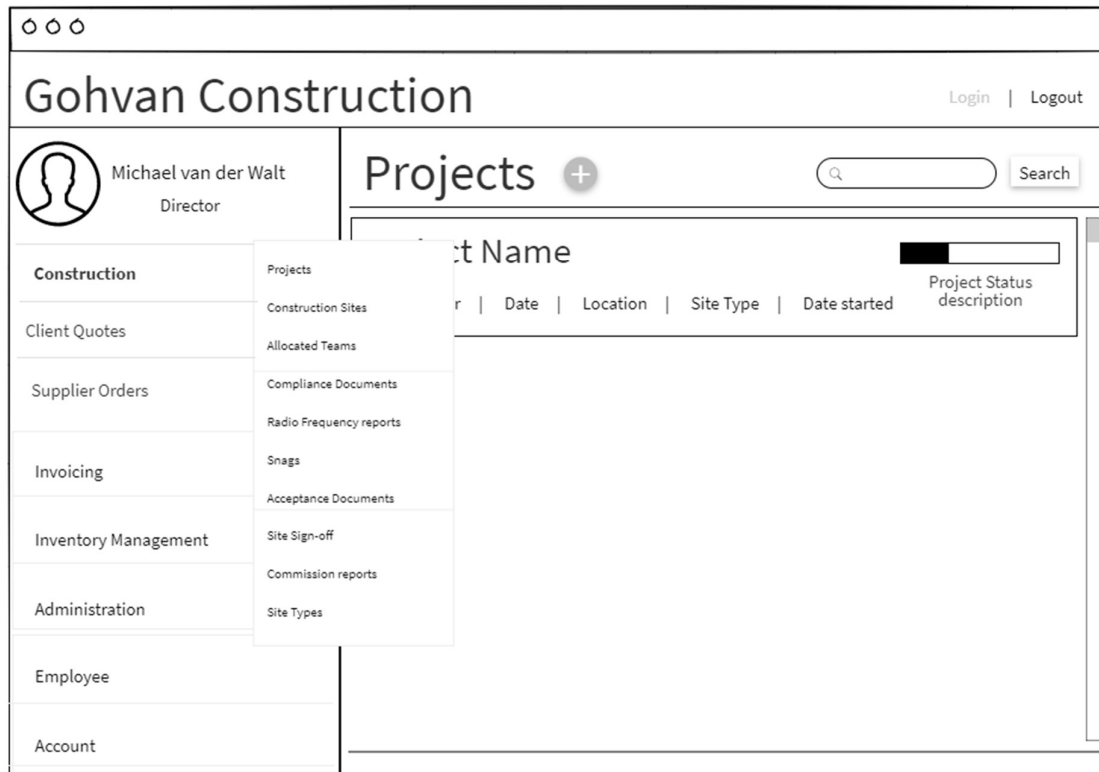
Notification

The Operations Manager has been notified on the newly assigned snags to the Acceptance Document.

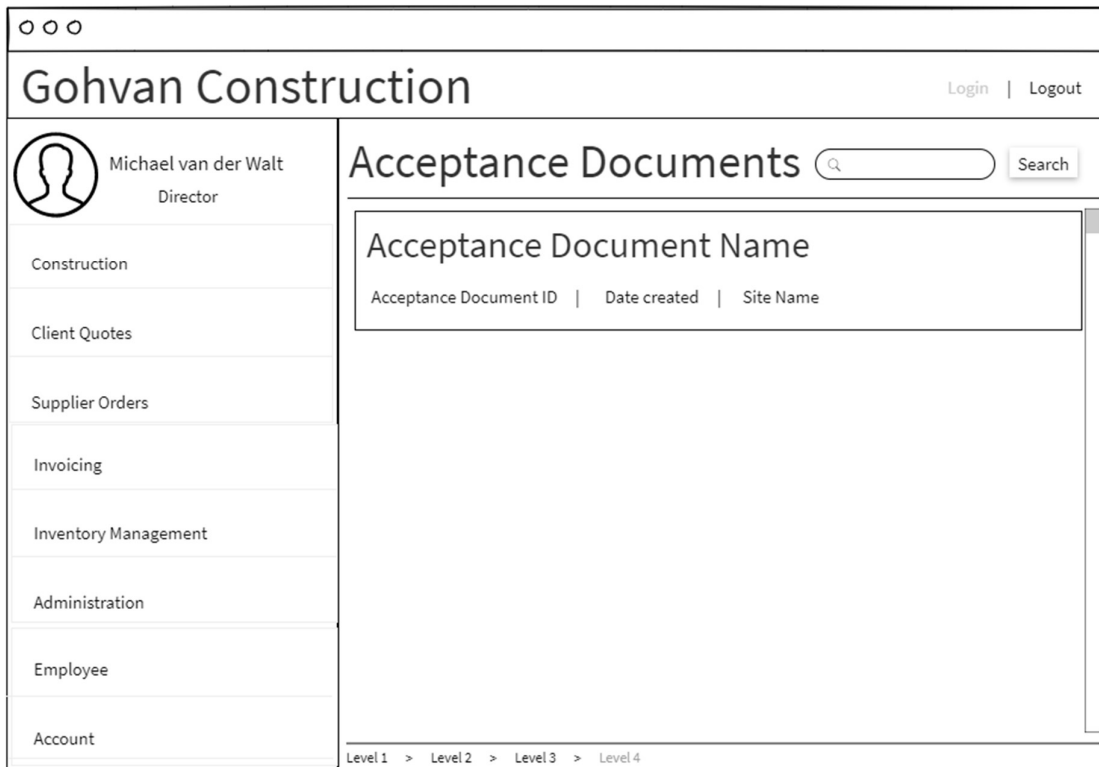
Ok

1.4.21 Search Acceptance document

1.4.21.1 Home Page



1.4.21.2 Search Acceptance document page




1.4.21.3 Acceptance Document page

○○○

Gohvan Construction

Login | Logout



Michael van der Walt
Director

Construction

Client Quotes

Supplier Orders

Invoicing

Inventory Management

Administration

View Acceptance Document

Name:

Date Created

Date Accepted

Note

View Acceptance

Snag Item	Snag Description	Date caught
Signs	No signs	20/06/2021
Cable length	7 != 6	20/06/2021
manhole installed	not was not installed	20/06/2021

Edit


Confirm

Return

1.4.22.1 Acceptance Document page

○○○
Login | Logout

Gohvan Construction



Michael van der Walt
Director

- Construction
- Client Quotes
- Supplier Orders
- Invoicing
- Inventory Management
- Administration

View Acceptance Document

Name:

Note

Date Created

Date Accepted

[View Acceptance](#)

Snag Item	Snag Description	Date caught
Signs	No signs	20/06/2021
Cable length	7 != 6	20/06/2021
manhole installed	not was not installed	20/06/2021

[Edit](#)
[Confirm](#)
[Return](#)

1.4.22.2 Acceptance document snag modal

Confirm Acceptance Document

Snag Item	Snag Description	Date caught	Complete
Signs	No signs	20/06/2021	<input checked="" type="checkbox"/>
Cable length	7 != 6	20/06/2021	<input checked="" type="checkbox"/>
manhole installed	not was not installed	20/06/2021	<input checked="" type="checkbox"/>

Confirm

Cancel

1.4.22.3 Acceptance Document confirmation modal

Confirmation Required
Confirm the Acceptance Document?

1.4.22.4 Confirmed Acceptance document notification

Notification
The Acceptance Document has been confirmed

1.4.23.1 Project Page

1.4.23.1 Capture site sign off confirmation modal

Confirmation Required

Confirmation to upload
the site sign-off.

Yes

No

1.4.23.2 Capture Site Sign off page

Gohvan Construction

Login | Logout

Michael van der Walt
Director

Construction

Client Quotes

Supplier Orders

Invoicing

Inventory Management

Administration

Site Sign-off

Name: NISSAN_ROSSLYNs sign Date uploaded: 20 June 2021

Project Name: NISSAN_ROSSLYN

Cooling System document: Upload

Upload Upload

1.4.23.3 Upload Site sign off confirmation modal

Confirmation Required

Are you sure you want to upload the Acceptance Schedule?

Yes No

1.4.23.4 Successfully emailed employees notification

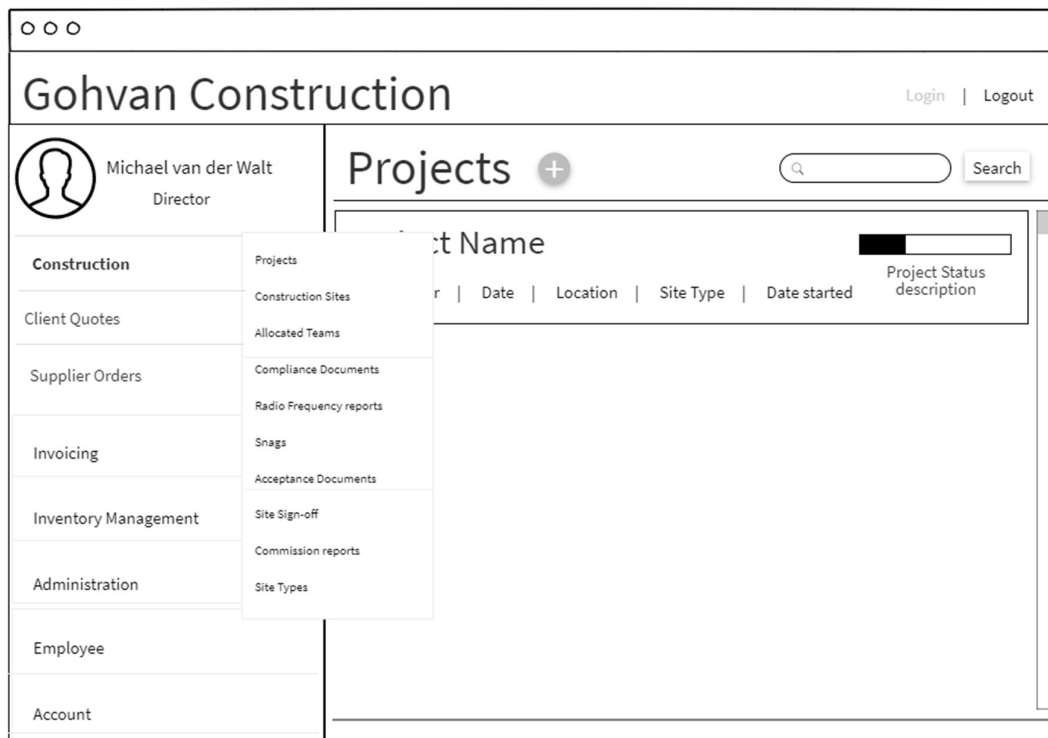
Notification

Site has been successfully signed off

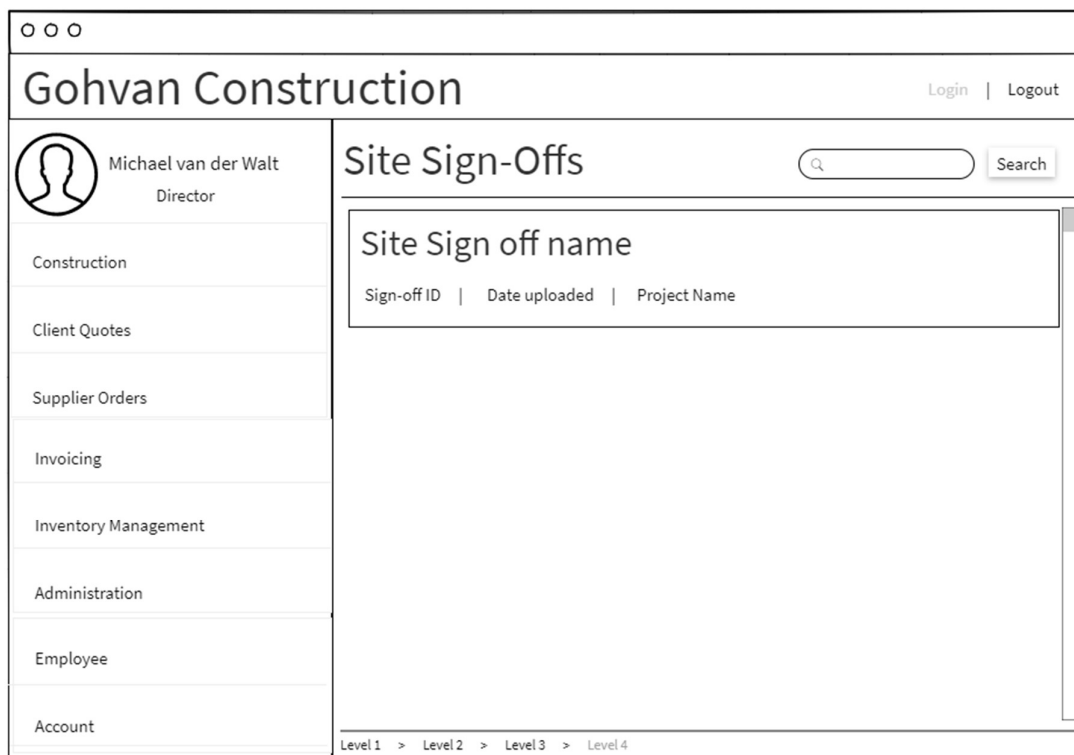
Ok

1.4.24 Search Site Sign-off

1.4.24.1 Home Page



1.4.24.2 Site sign-offs page




1.4.24.3 site sign-off page

o o o

Gohvan Construction

Login | Logout



Michael van der Walt
Director

Construction

Client Quotes

Supplier Orders

Invoicing

Inventory Management

Administration

Site Sign-off

Name: Date uploaded:

Project Name:

Cooling System document:

1.4.25 Capture Commission report

1.4.25.1 Commission reports page

Gohvan Construction Login | Logout

Michael van der Walt
Director

- Construction
- Client Quotes
- Supplier Orders
- Invoicing
- Inventory Management
- Administration
- Employee
- Account

Commission Reports

Commission Report Name

Commission Report ID	Date uploaded	Project Name
----------------------	---------------	--------------

Upload

Level 1 > Level 2 > Level 3 > Level 4

1.4.25.2 Upload Commission report page

Gohvan Construction Login | Logout

Michael van der Walt
Director

Construction

Client Quotes

Supplier Orders

Invoicing

Inventory Management

Administration

Upload Commission Report

Name:

Date Uploaded:

Project Name:

Commission Report Document:

1.4.25.3 Upload Commission report confirmation

Confirmation Required

Are you sure you want to upload the Commission report?

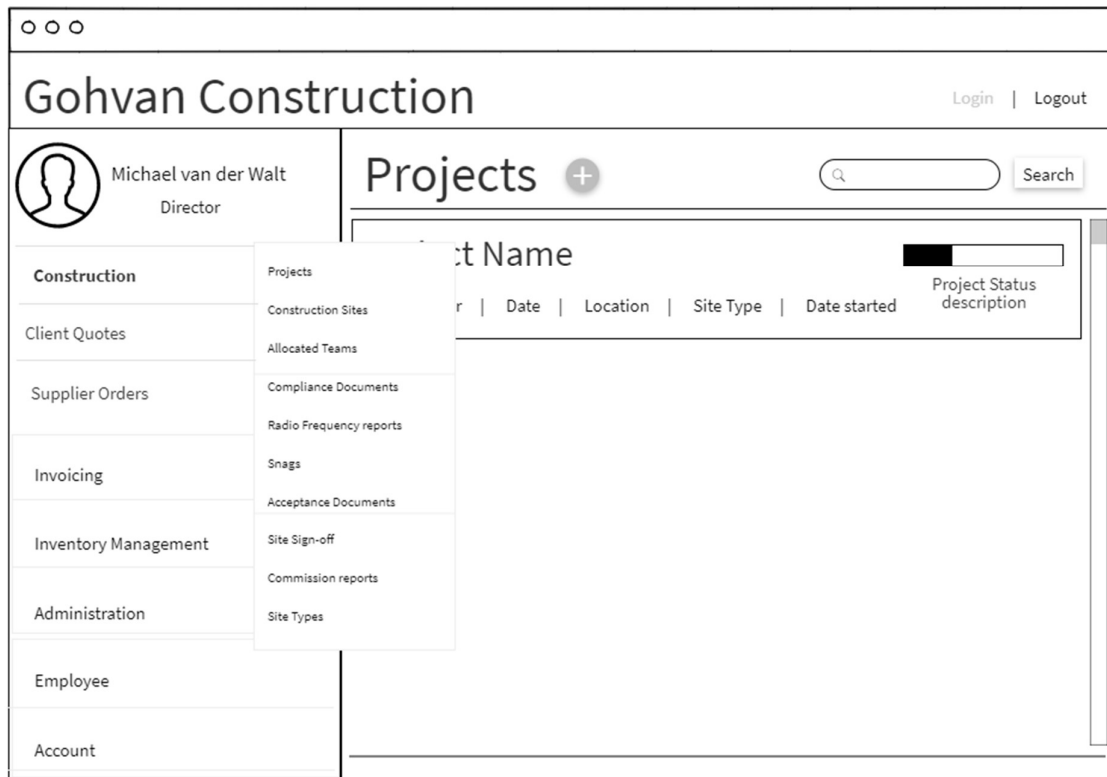
1.4.25.4 Successfully uploaded Commission report page

Notification

Commission Report has been successfully uploaded to the system.

1.4.26 Search Commission report

1.4.26.1 Home Page



1.4.26.2 Commission reports page

The screenshot shows a web application interface for 'Gohvan Construction'. The header includes the company name and 'Login | Logout' links. A sidebar on the left lists navigation options: Construction, Client Quotes, Supplier Orders, Invoicing, Inventory Management, Administration, Employee, and Account. The main content area is titled 'Commission Reports' and features a search bar. Below the search bar is a table with columns for 'Commission Report ID', 'Date uploaded', and 'Project Name'. An 'Upload' button is located at the bottom right of the table area. At the very bottom, there is a breadcrumb trail: 'Level 1 > Level 2 > Level 3 > Level 4'.

1.4.26.3 Commission report page

The screenshot shows a web application interface for 'Gohvan Construction'. The header includes the company name and 'Login | Logout' links. A sidebar on the left lists navigation options: Construction, Client Quotes, Supplier Orders, Invoicing, Inventory Management, and Administration. The main content area is titled 'Commission Report' and contains a form with the following fields: 'Name:' (with value 'example'), 'Date Uploaded' (with value '20 June 2021'), and 'Project Name' (with value 'Test'). Below these fields is a section labeled 'Commission Report Document:' with a 'View Commission Report' button. At the bottom of the form is a 'Return' button.

1.4.27 Create Site Type

1.4.27.1 Site type details page

Gohvan Construction Login | Logout

Michael van der Walt
Director

- Construction
- Client Quotes
- Supplier Orders
- Invoicing
- Inventory Management
- Administration
- Employee
- Account

Site Types

Site Type ID	Site Type	View
1	Greenfield	View
2	Temporary	View
3	Rooftop	View

New Site Type

Level 1 > Level 2 > Level 3 > Level 4

1.4.27.2 New Site type modal

New Site Type

Name:

Description:

Create Cancel

1.4.27.3 Create new site type confirmation modal

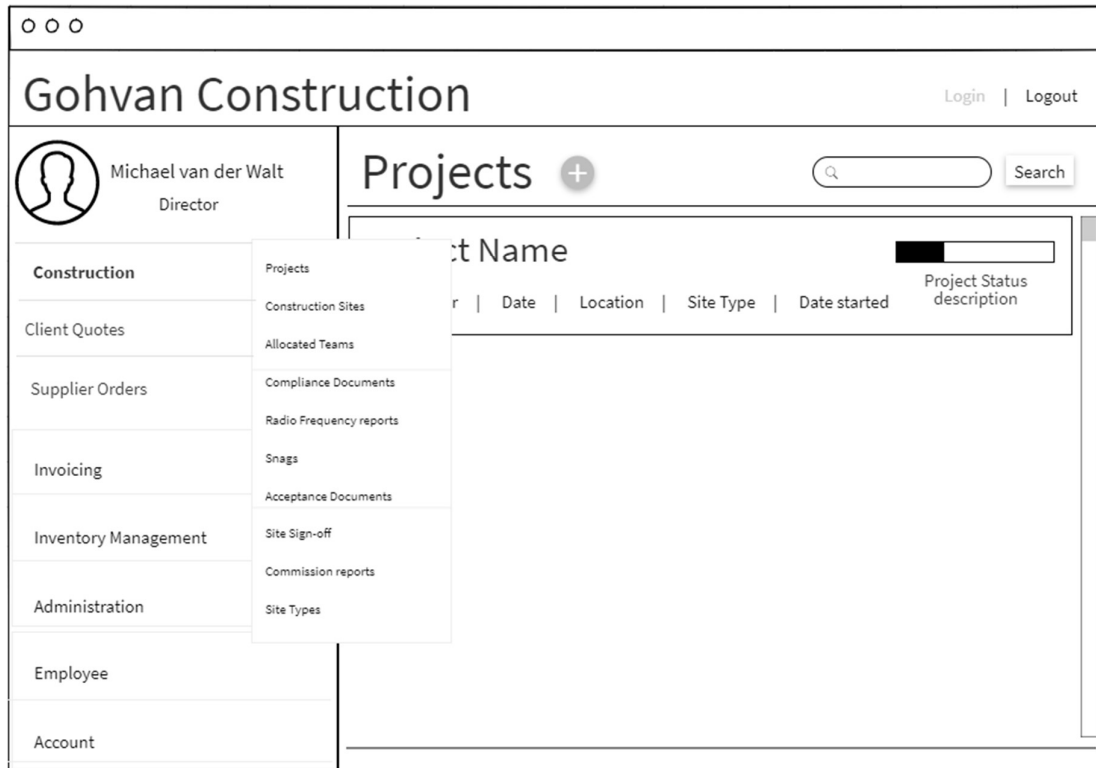
Confirmation Required
Confirmation to create new Site type.

1.4.27.4 Successfully create site type notification

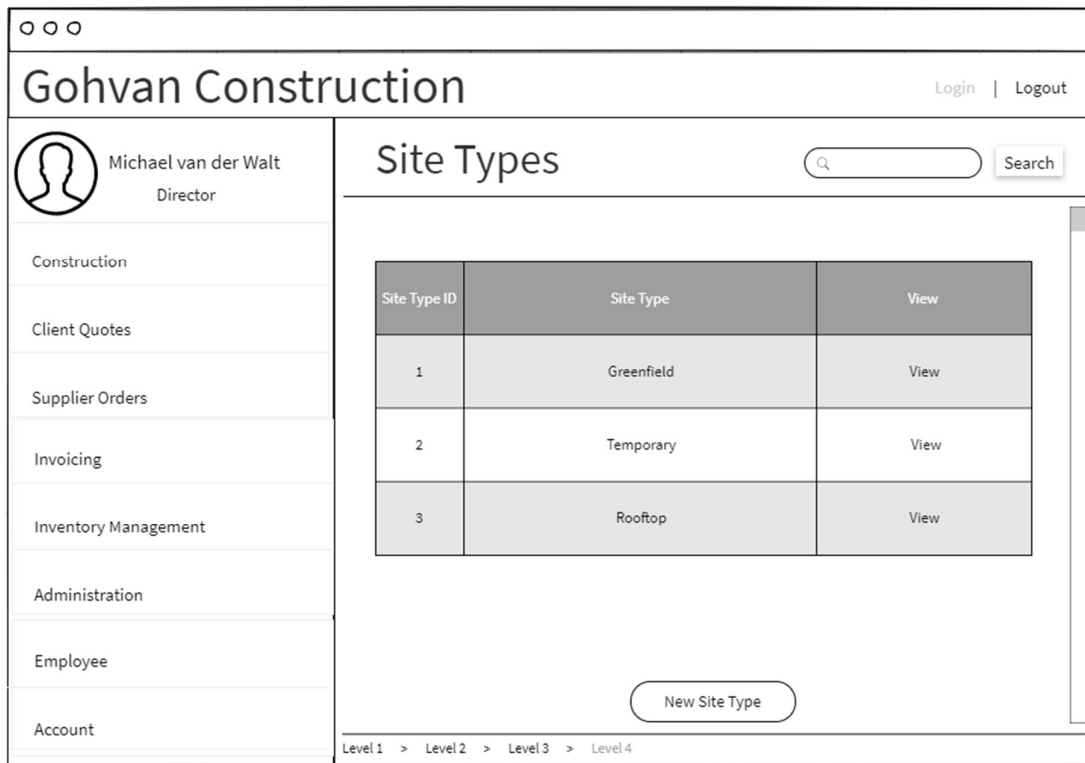
Notification
Site Type has been successfully created.

1.4.28 Search Site type

1.4.28.1 Home page



1.4.28.2 Site type details page



Gohvan Construction Login | Logout

Michael van der Walt
Director

- Construction
- Client Quotes
- Supplier Orders
- Invoicing
- Inventory Management
- Administration
- Employee
- Account

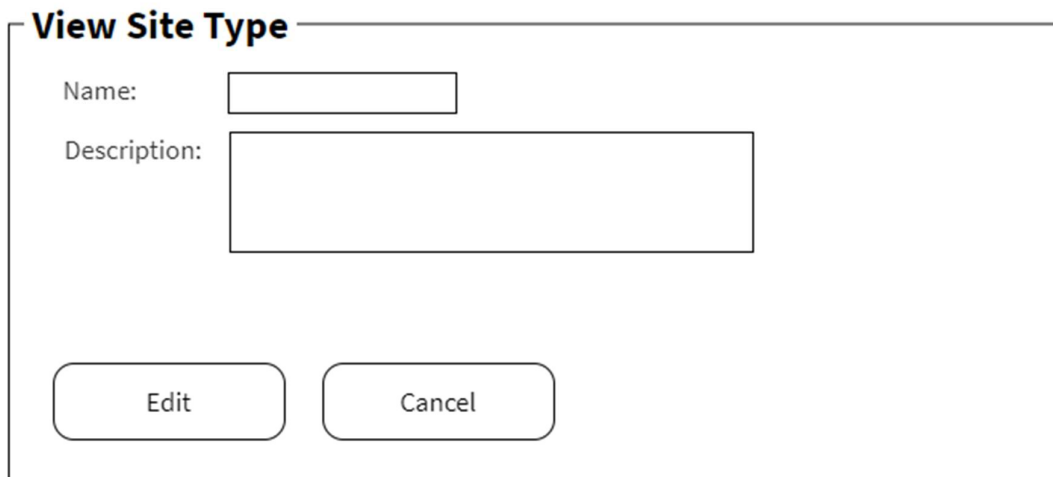
Site Types

Site Type ID	Site Type	View
1	Greenfield	View
2	Temporary	View
3	Rooftop	View

New Site Type

Level 1 > Level 2 > Level 3 > Level 4

1.4.28.3 Site type details modal



View Site Type

Name:

Description:

Edit Cancel

1.4.29 Edit Site Type

1.4.29.1 Site type details modal

View Site Type

Name:

Description:

Edit

Cancel

1.4.29.2 Edit Site type details modal

Edit Site Type

Name:

Description:

Confirm Edit

Cancel

1.4.29.3 Edit Site type details notification

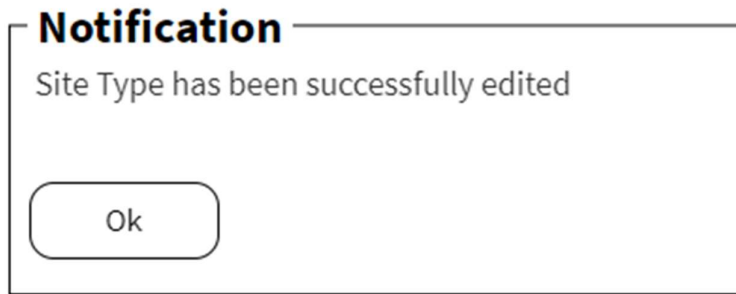
Confirmation Required

Confirmation to edit Site type.

Yes

No

1.4.29.4 Successfully edited site type notification



1.5. Invoicing Subsystem

1.5.1 Search Invoice

1.5.1.1 Search Invoice Screen

The screenshot displays the 'Search Invoice' screen within the Gohvan Construction system. The interface is divided into a sidebar and a main content area.

Sidebar:

- Header: Gohvan Construction
- User Profile: Michael van der Walt, Director
- Navigation Links: Construction, Client Quotes, Supplier Orders, Invoicing, Inventory Management, Administration, Employee, Account

Main Content Area:

- Section Header: Search Invoice
- Controls: Sort (dropdown), Search (input field with magnifying glass icon), Search (button)
- Table:

Invoice Number	Date Sent	Date Paid	Invoice
			Download
			Download

Footer:

- Back (red button)
- Breadcrumbs: Level 1 > Level 2 > Level 3 > Level 4

1.5.2 Send Invoice

1.5.2.1 Invoice Screen

Gohvan Construction Login | Logout

Michael van der Walt
Director

Construction

Client Quotes

Supplier Orders

Invoicing

Inventory Management

Administration

Employee

Account

Invoicing for Project Name

Invoice

Invoice Number	Date Sent	Date Paid	Invoice

Send Invoice

Proof of Payment

Invoice ID	Proof of Payme...	Proof of Payment	Date captured

Capture Proof of Payment

Claim

Invoice Number	Date Captured	Receipt Number

Capture Claim

Level 1 > Level 2 > Level 3 > Level 4

1.5.2.2 Select invoice type modal

Select Invoice Type

Please select the type of invoice to be sent

Initial Invoice

Final Invoice

Back

1.5.2.3 Send Invoice Screen


The screenshot shows a web application interface for 'Gohvan Construction'. The header includes the company name and 'Login | Logout' links. A sidebar on the left lists navigation options: Construction, Client Quotes, Supplier Orders, Invoicing, Inventory Management, Administration, Employee, and Account. The main content area is titled 'Send Initial / Final Invoice' and contains a confirmation prompt: 'Please confirm the below invoice'. Below this prompt is a large rectangular box with a diagonal cross, indicating a missing image or a placeholder for an invoice preview. At the bottom of the main area are three buttons: 'Cancel' (red), 'Confirm' (blue), and 'Download' (blue). A breadcrumb trail at the very bottom reads 'Level 1 > Level 2 > Level 3 > Level 4'.

1.5.2.4 Invoice Confirmed Alert

The screenshot shows a modal alert dialog titled 'Invoice Confirmed'. The message inside reads: 'Please note the invoice has been confirmed'. At the bottom right of the dialog is a blue button labeled 'OK'.


1.5.3 Capture Proof of Payment

1.5.3.1 Invoice Screen



Gohvan Construction

[Login](#) | [Logout](#)

 Michael van der Walt
Director

- Construction
- Client Quotes
- Supplier Orders
- Invoicing
- Inventory Management
- Administration
- Employee
- Account

Invoicing for Project Name

Invoice

Invoice Number	Date Sent	Date Paid	Invoice

[Send Invoice](#)

Proof of Payment

Invoice ID	Proof of Payme...	Proof of Payment	Date captured

[Capture Proof of Payment](#)

Claim

Invoice Number	Date Captured	Receipt Number

[Capture Claim](#)

[Level 1 >](#)
[Level 2 >](#)
[Level 3 >](#)
[Level 4](#)

1.5.3.2 Select Invoice Screen

Gohvan Construction Login | Logout

Michael van der Walt
Director

- Construction
- Client Quotes
- Supplier Orders
- Invoicing
- Inventory Management
- Administration
- Employee
- Account

Project Invoices

Please select an invoice to capture proof of payment

Invoice Number	Date Sent	Date Paid	Invoice

Cancel

Level 1 > Level 2 > Level 3 > Level 4

1.5.3.3 Capture proof of payment Screen

Gohvan Construction Login | Logout

Michael van der Walt
Director

- Construction
- Client Quotes
- Supplier Orders
- Invoicing
- Inventory Management
- Administration
- Employee
- Account

Capture Proof of Payment

Upload proof of payment

Choose File No File Chosen

Proof of payment details

Proof of payment date: 12 May 2016

Amount:

Cancel Submit

Level 1 > Level 2 > Level 3 > Level 4

1.5.3.4 Confirm proof of payment Screen

The screenshot shows a web application interface for Gohvan Construction. The header includes the company name and 'Login | Logout' links. A sidebar on the left lists user roles: Michael van der Walt (Director), Construction, Client Quotes, Supplier Orders, Invoicing, Inventory Management, Administration, Employee, and Account. The main content area is titled 'Confirm Proof of Payment'. It features a large rectangular box with a diagonal 'X' across it, indicating a missing or failed image upload. Below this box, there are input fields for 'Proof of payment date:' (set to 28 June 2021) and 'Amount:' (set to 123.45). At the bottom of the main area are 'Cancel' and 'Submit' buttons. A breadcrumb trail at the very bottom reads 'Level 1 > Level 2 > Level 3 > Level 4'.

1.5.3.5 Proof of payment Captured Alert

The screenshot shows a modal alert dialog box. The title bar reads 'Proof of Payment Captured!'. The main text inside the dialog says 'Capture proof of payment successful'. At the bottom right of the dialog is a blue button labeled 'OK'.

1.5.4.1 Invoice Screen

1.5.4.2 Invoice Screen

Gohvan Construction Login | Logout

Michael van der Walt
Director

- Construction
- Client Quotes
- Supplier Orders
- Invoicing
- Inventory Management
- Administration
- Employee
- Account

Project Invoices

Please select an invoice to capture proof of payment

Invoice Number	Date Sent	Date Paid	Invoice

Cancel

Level 1 > Level 2 > Level 3 > Level 4

1.5.4.3 Capture claim modal

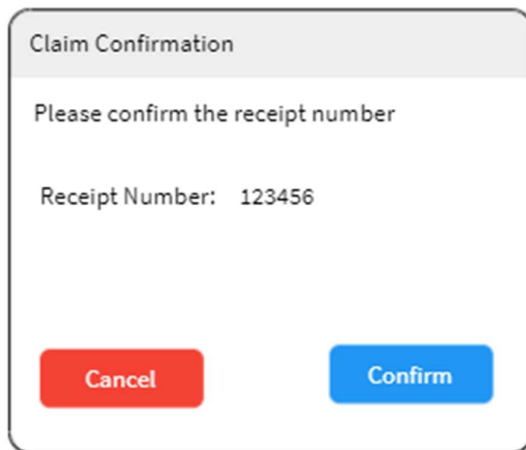
Capture Claim

Provide receipt number

Receipt Number:

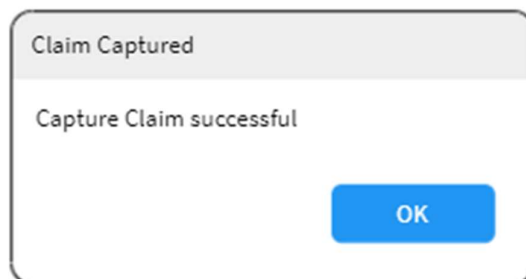
Cancel Submit

1.5.4.4 Confirm claim modal



A modal dialog box titled "Claim Confirmation". It contains the text "Please confirm the receipt number" and "Receipt Number: 123456". At the bottom, there are two buttons: a red "Cancel" button and a blue "Confirm" button.

1.5.4.4 Confirm claim modal



A modal dialog box titled "Claim Captured". It contains the text "Capture Claim successful". At the bottom right, there is a blue "OK" button.

1.5.5 Search Proof of Payment

1.5.5.1 Search Proof of Payment Screen

The screenshot shows the 'Gohvan Construction' web application interface. On the left is a sidebar menu for Michael van der Walt, Director, with options: Construction, Client Quotes, Supplier Orders, Invoicing, Inventory Management, Administration, Employee, and Account. The main content area is titled 'Search Proof of Payment' and includes a 'Sort' dropdown, a search input field, and a 'Search' button. Below this is a table with four columns: Invoice ID, Proof of Payment ID, Proof of Payment, and Date captured. The table contains two rows, each with a 'View' button in the 'Proof of Payment' column. A red 'Back' button is located below the table. At the bottom, there is a breadcrumb trail: Level 1 > Level 2 > Level 3 > Level 4.

Invoice ID	Proof of Payment ID	Proof of Payment	Date captured
		<button>View</button>	
		<button>View</button>	

1.5.5.2 View Proof of Payment Modal

The screenshot shows a modal window titled 'Proof of Payment'. It contains a large rectangular area with a diagonal cross, indicating a missing or placeholder image. At the bottom right of the modal is a 'Back' button.

1.5.6 Search Invoice Type

1.5.6.1 Search Invoice Type Screen

Gohvan Construction Login | Logout

Michael van der Walt
Director

- Construction
- Client Quotes
- Supplier Orders
- Invoicing
- Inventory Management
- Administration
- Employee
- Account

Search Invoice Type

Invoice Type ID	Invoice Type Description

Back

Level 1 > Level 2 > Level 3 > Level 4

1.5.7 Create Invoice Type

1.5.7.1 Create Invoice Type Screen

Gohvan Construction

Login | Logout

Michael van der Walt
Director

Construction

Client Quotes

Supplier Orders

Invoicing

Inventory Management

Administration

Employee

Account

Create Invoice Type +

Invoice Type ID	Invoice Type Description

Back

Level 1 > Level 2 > Level 3 > Level 4

1.5.7.2 Add Invoice Type Modal

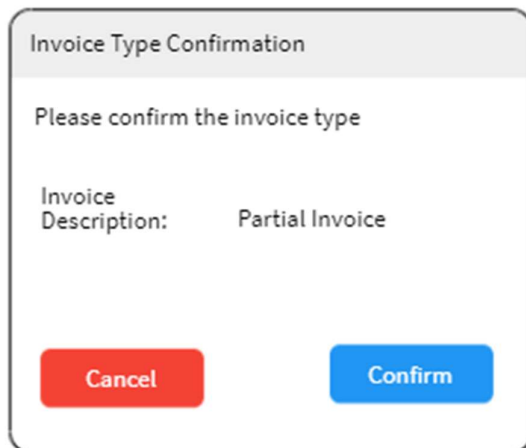
Add Invoice Type

Invoice Type Details

Invoice Description

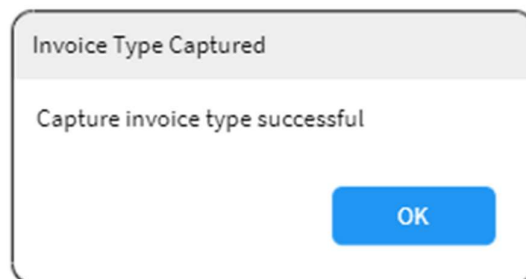
Cancel Submit

1.5.7.3 Confirm Invoice Type Modal



The modal is titled "Invoice Type Confirmation" in a grey header bar. Below the header, the text "Please confirm the invoice type" is displayed. Underneath, the label "Invoice Description:" is followed by the text "Partial Invoice". At the bottom of the modal, there are two buttons: a red "Cancel" button on the left and a blue "Confirm" button on the right.

1.5.7.4 Create Invoice Type Screen



The modal is titled "Invoice Type Captured" in a grey header bar. Below the header, the text "Capture invoice type successful" is displayed. At the bottom right of the modal, there is a single blue button labeled "OK".

1.6. Human Resource Subsystem

1.6.1 Add employee

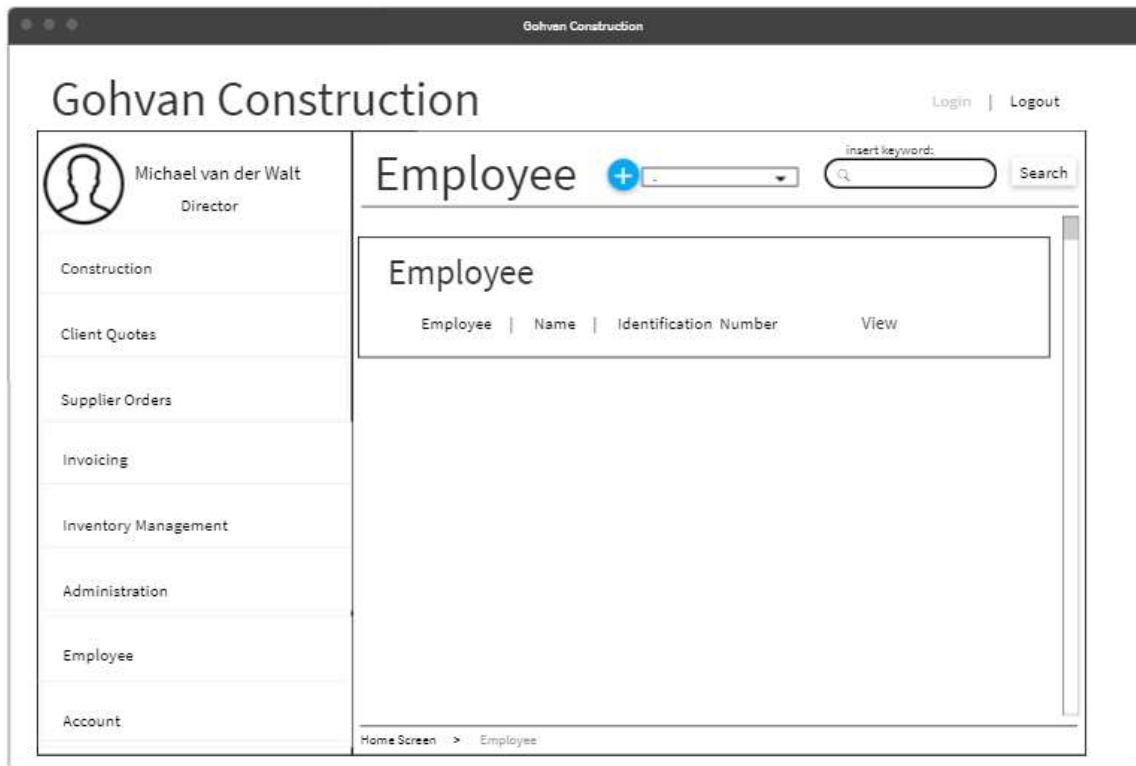


Figure 69: 6.1 Employee Screen



The image shows a modal window titled "Add Employee" with a close button (X) in the top right corner. The form contains the following fields:

- Name:** Text input field containing "Semanthe".
- Surname:** Text input field containing "Derling".
- ID/Passport Number:** Text input field containing "9911758377643".
- Tax Number:** Text input field containing "9768493851".
- Home Address:** Text input field containing "768 Crussels Street", "Lincolns", and "South Africa".
- Email Address:** Text input field containing "sementha.derling@gmail.com".
- Postal Address:** Text input field containing "768 Crussels Street", "Lincolns", "South Africa", and "0978".
- Employee Skills:** Dropdown menu with "Business Analysis" selected.
- Employee Type:** Dropdown menu with "Operations Manager" selected.

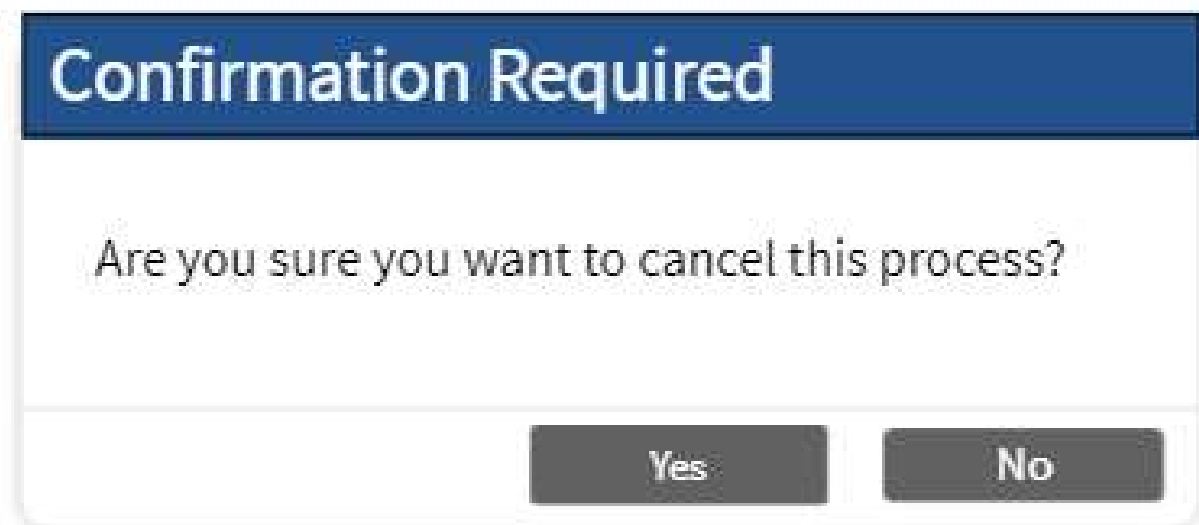
At the bottom of the modal, there are two buttons: a green "Add" button and a red "Cancel" button.

Figure 70: 6.1 Add Employee Modal



A confirmation modal dialog box with a dark blue header bar containing the text "Confirmation Required" in white. The main area is white and contains the question "Are you sure the entered details are correct?". At the bottom right, there are two dark gray buttons labeled "Yes" and "No".

Figure 71: 6.1 Confirmation Modal



A confirmation modal dialog box with a dark blue header bar containing the text "Confirmation Required" in white. The main area is white and contains the question "Are you sure you want to cancel this process?". At the bottom right, there are two dark gray buttons labeled "Yes" and "No".

Figure 72: 6.1 Cancel Confirmation Modal

1.6.2 Edit employee

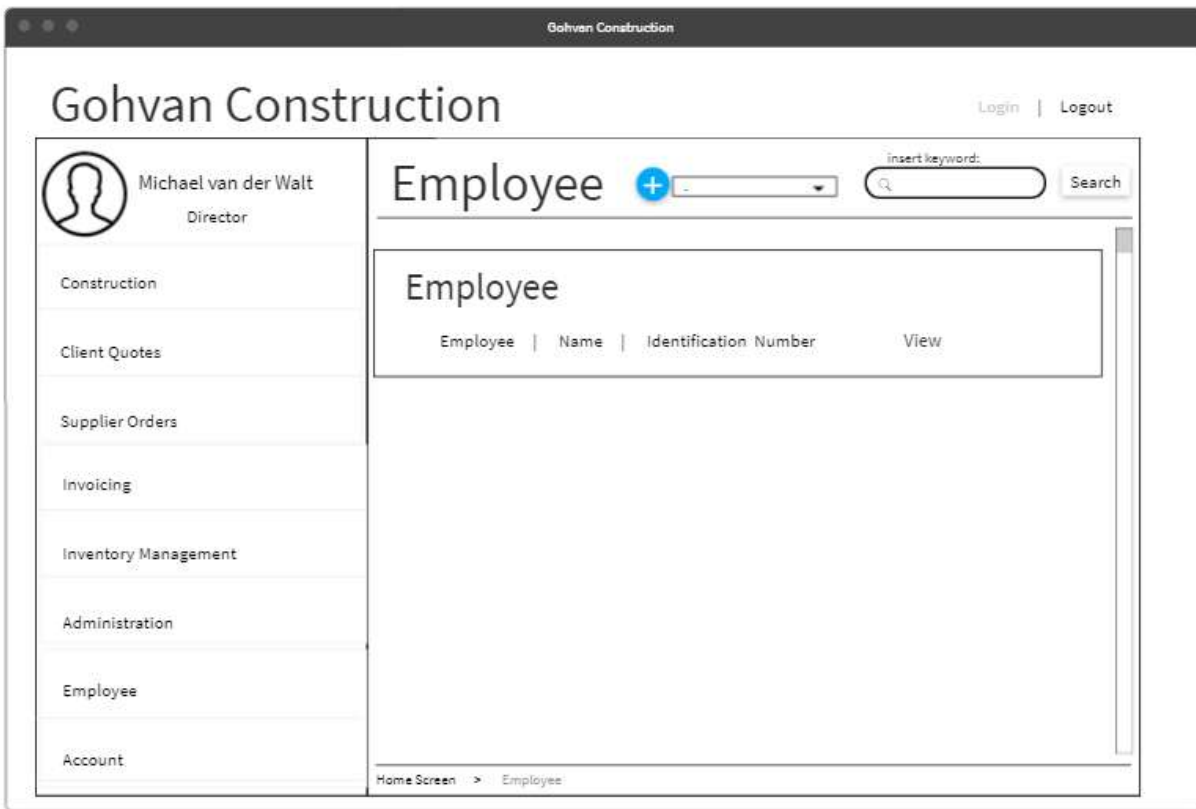


Figure 73: 6.2 Employee Screen'



The image shows a modal window titled "Update Employee" with a close button (X) in the top right corner. The modal contains several form fields for updating employee information:

- Name:** A text input field containing "Samantha".
- Surname:** A text input field containing "Derling".
- ID/Passport Number:** A text input field containing "9911759377645".
- Tax Number:** A text input field containing "9768493651".
- Home Address:** A text input field containing "768 Crusselle Street", "Lincolns", and "South Africa".
- Email Address:** A text input field containing "samantha.derling@gmail.com".
- Postal Address:** A text input field containing "768 Crusselle Street", "Lincolns", "South Africa", and "0978".
- Employee Skills:** A dropdown menu with "Business Analysis" selected.
- Employee Type:** A dropdown menu with "Operations Manager" selected.

At the bottom of the modal, there are two buttons: an orange "Update" button and a red "Cancel" button.

Figure 74: 6.2 Update Employee Modal

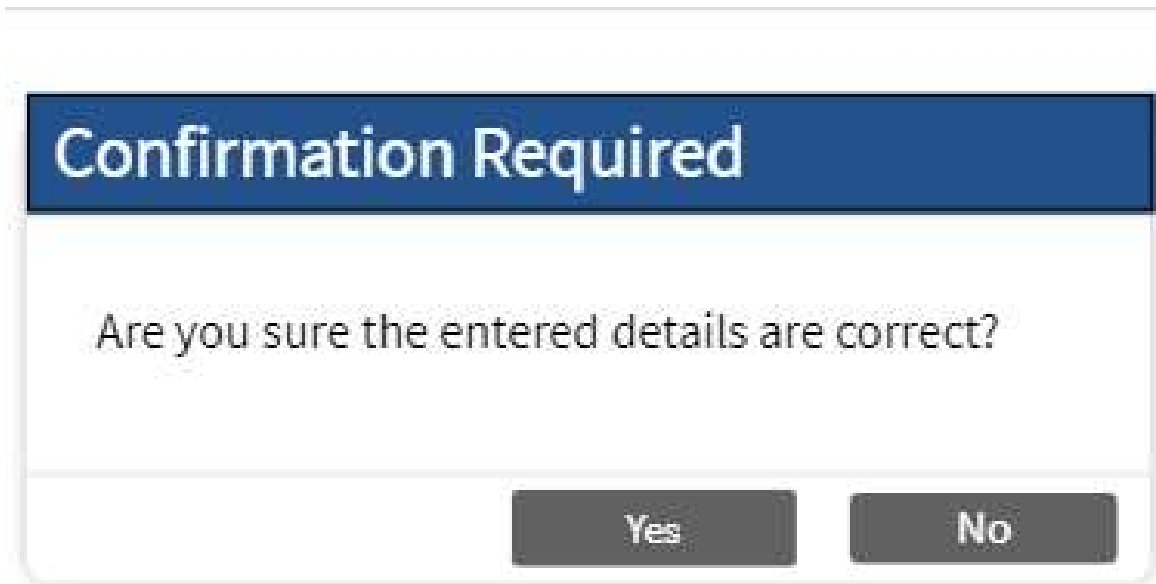


Figure 75: 6.2 Confirmation Modal

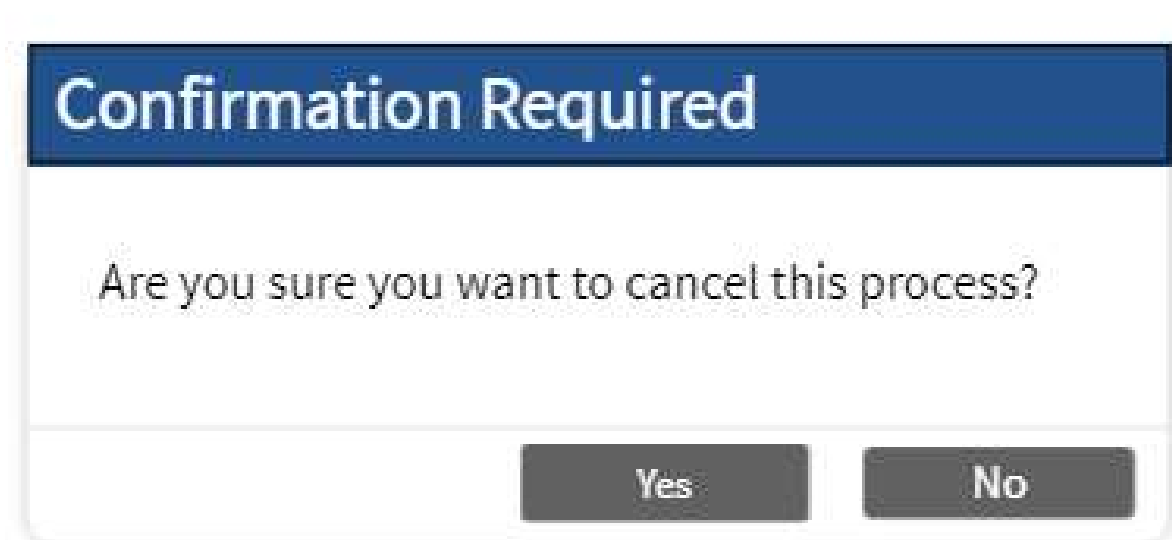


Figure 76: 6.2 Cancel Confirmation Modal

1.6.3 Search employee

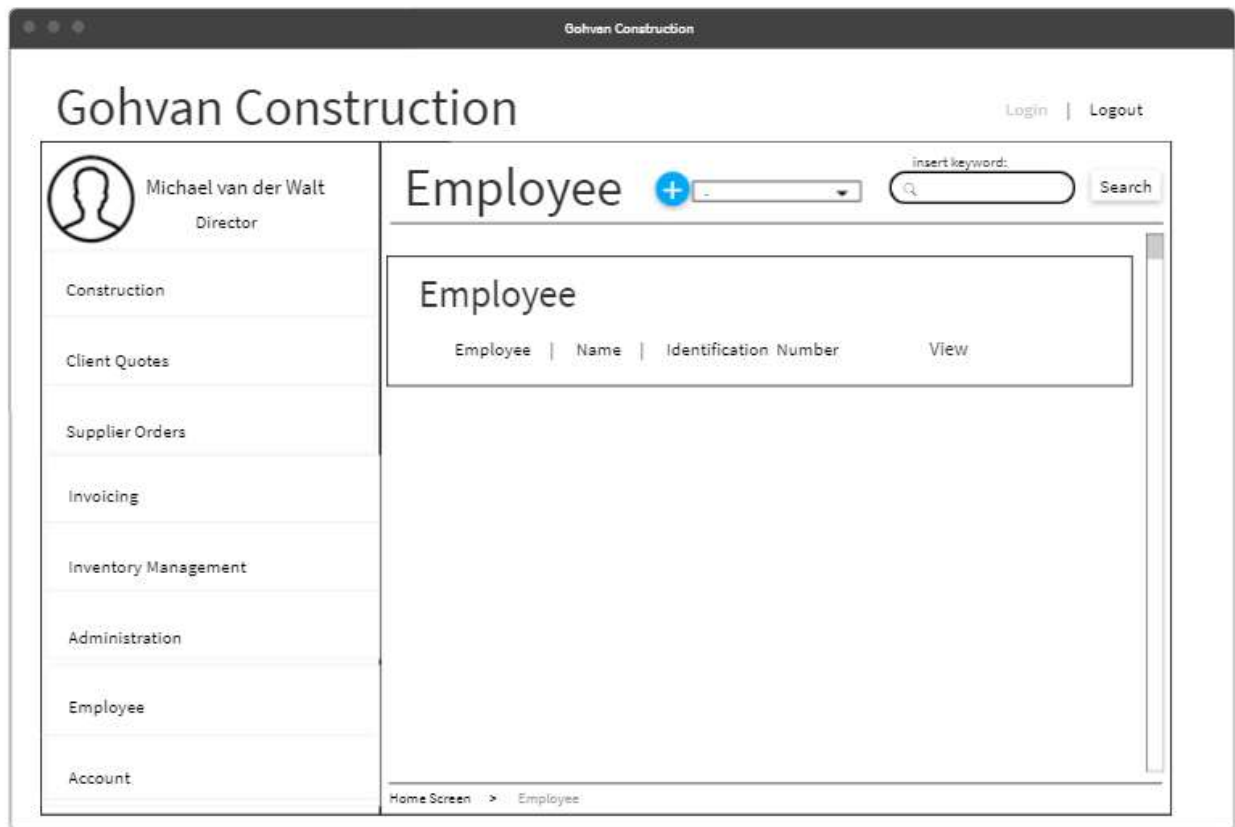


Figure 77: 6.3 Employee Screen



The image shows a 'View Employee' modal window. It contains several input fields for employee information: Name (Samantha), Surname (Darling), ID/Passport Number (801170827645), Tax Number (3706456789), Home Address (788 Crossville Street, Lincoln, South Africa), Email Address (samantha.darling@gmail.com), Postal Address (788 Crossville Street, Lincoln, South Africa, 3178), Employee Skills (Business Analysis), and Employee Type (Operational Manager). At the bottom are 'Update' and 'Cancel' buttons.

Field	Value
Name	Samantha
Surname	Darling
ID/Passport Number	801170827645
Tax Number	3706456789
Home Address	788 Crossville Street Lincoln South Africa
Email Address	samantha.darling@gmail.com
Postal Address	788 Crossville Street Lincoln South Africa 3178
Employee Skills	Business Analysis
Employee Type	Operational Manager

Figure 78: 6.3 View Employee Modal

1.6.4 Upload Employee Document

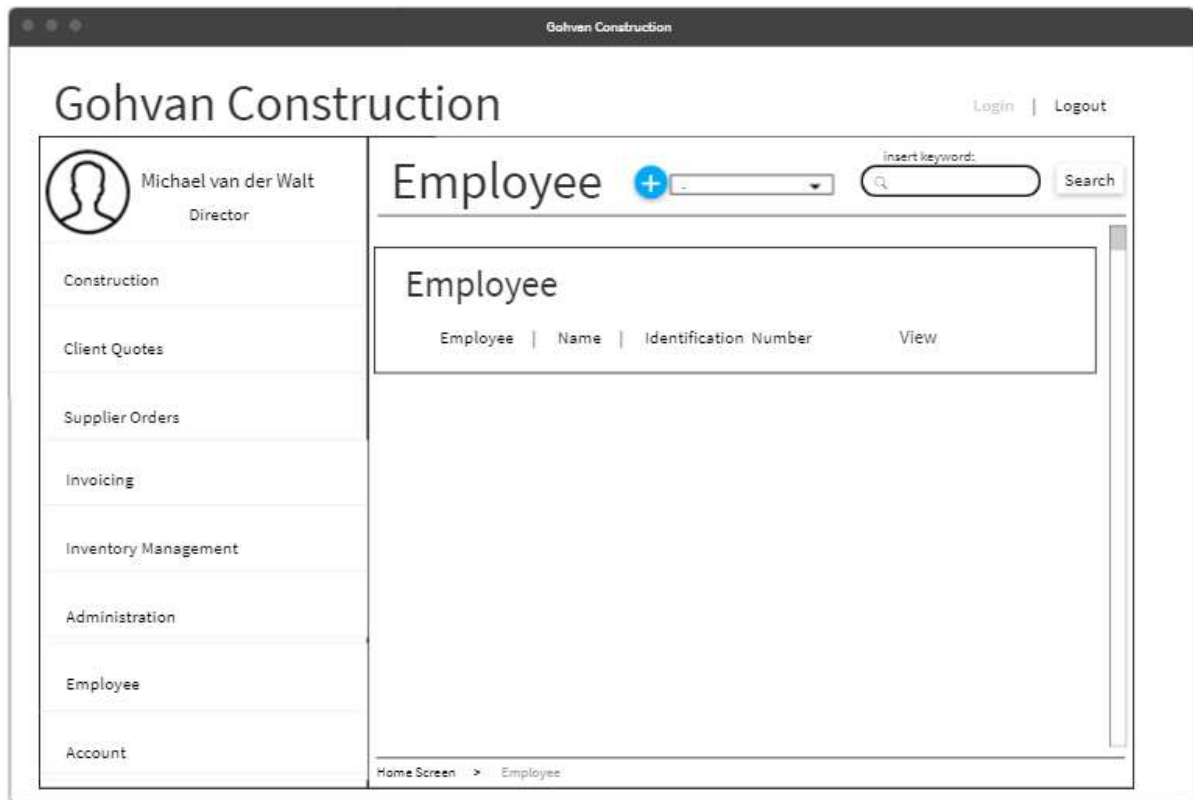
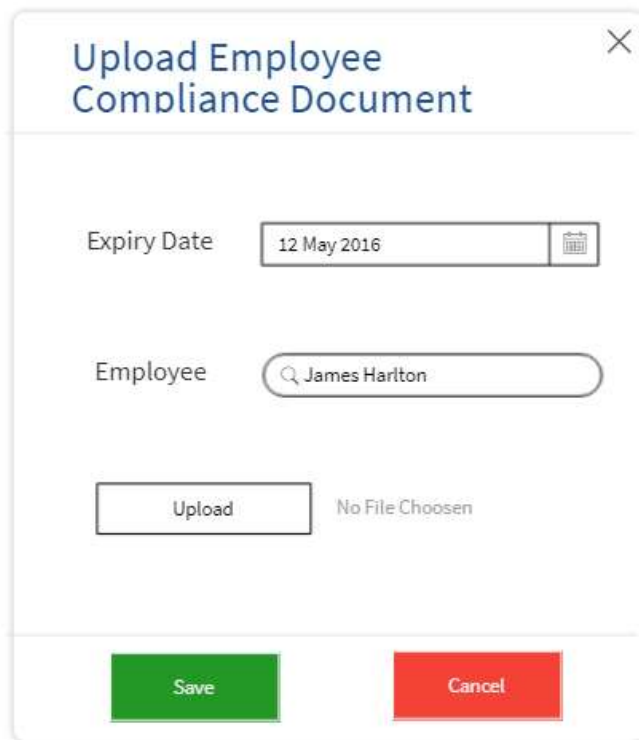


Figure 79: 6.4 Employee Screen



Upload Employee Compliance Document

Expiry Date 12 May 2016

Employee James Harlton

Upload No File Chosen

Save Cancel

Figure 80: 6.4 Upload Employee Compliance Document Modal



Confirmation Required

Are you sure the entered details are correct?

Yes No

Figure 81: 6.4 Confirmation Modal

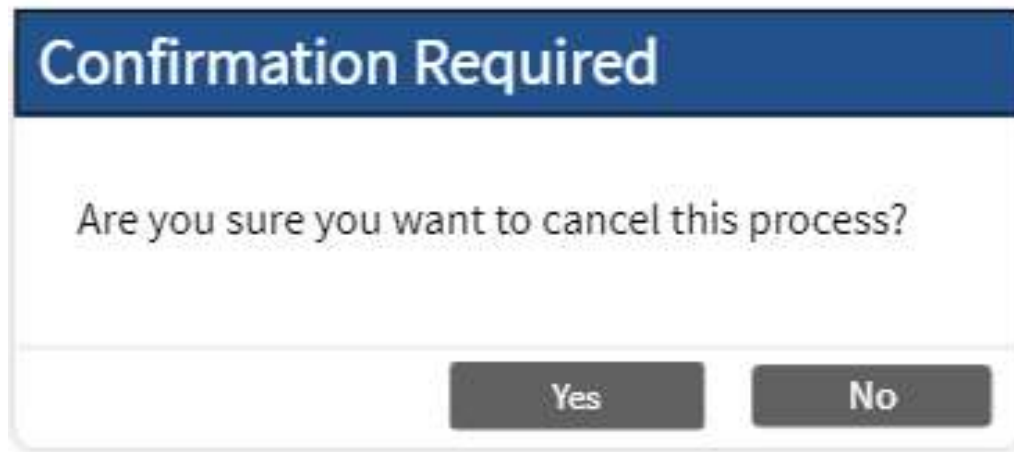


Figure 82: 6.4 Cancel Confirmation Modal

1.6.5 Edit Employee Document

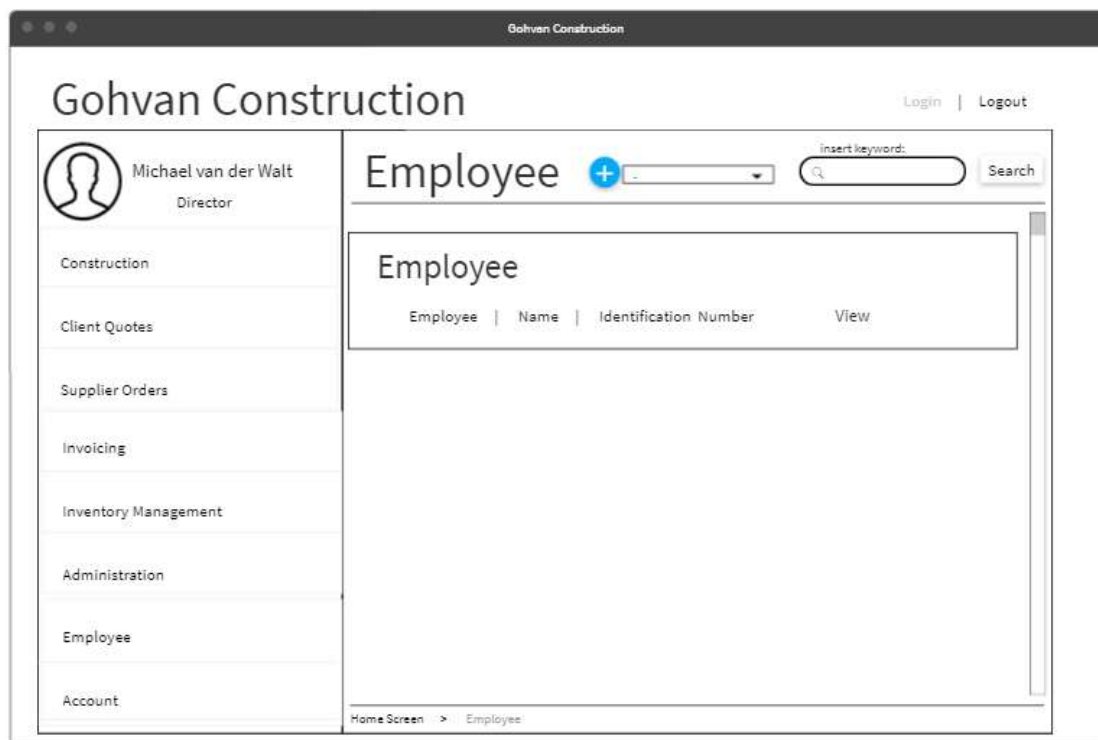
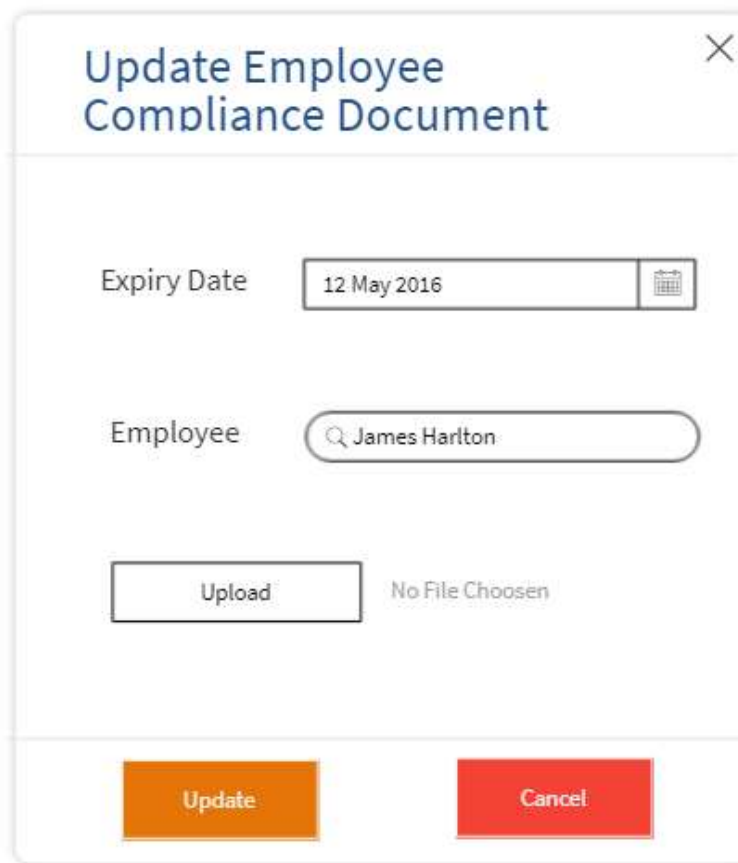


Figure 83: 6.5 Employee Screen



The modal is titled "Update Employee Compliance Document" with a close button (X) in the top right corner. It contains two main sections. The first section is for the "Expiry Date", which has a text input field containing "12 May 2016" and a calendar icon to its right. The second section is for the "Employee", which has a search input field containing "James Harlton". Below these sections is a file upload area with an "Upload" button and the text "No File Chosen". At the bottom of the modal are two large buttons: an orange "Update" button and a red "Cancel" button.

Figure 84: 6.5 Update Employee Compliance Document Modal



The modal has a dark blue header with the text "Confirmation Required" in white. Below the header, the question "Are you sure the entered details are correct?" is displayed. At the bottom of the modal are two buttons: a dark grey "Yes" button and a dark grey "No" button.

Figure 85: 6.5 Confirmation Modal

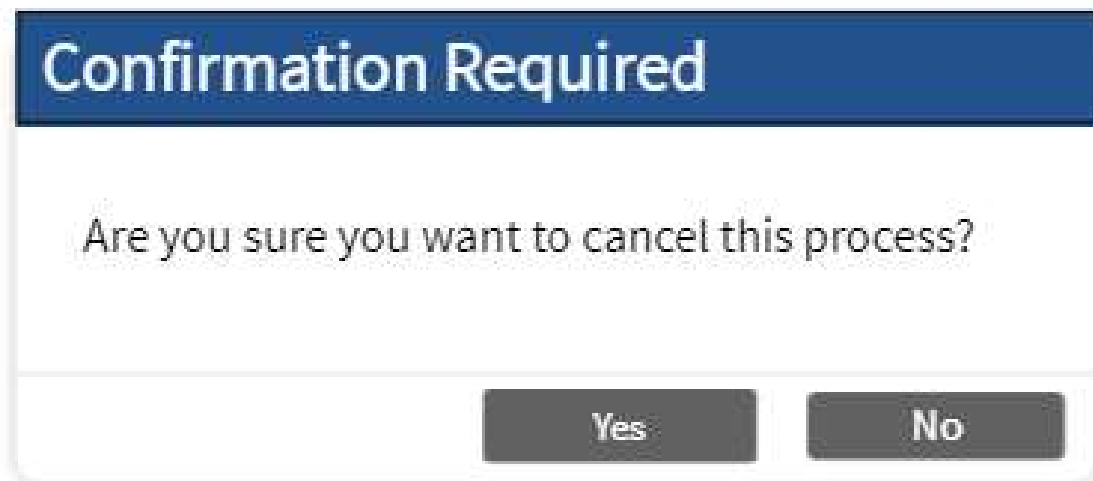


Figure 86: 6.5 Cancel Confirmation Modal

1.6.6 Search Employee Document

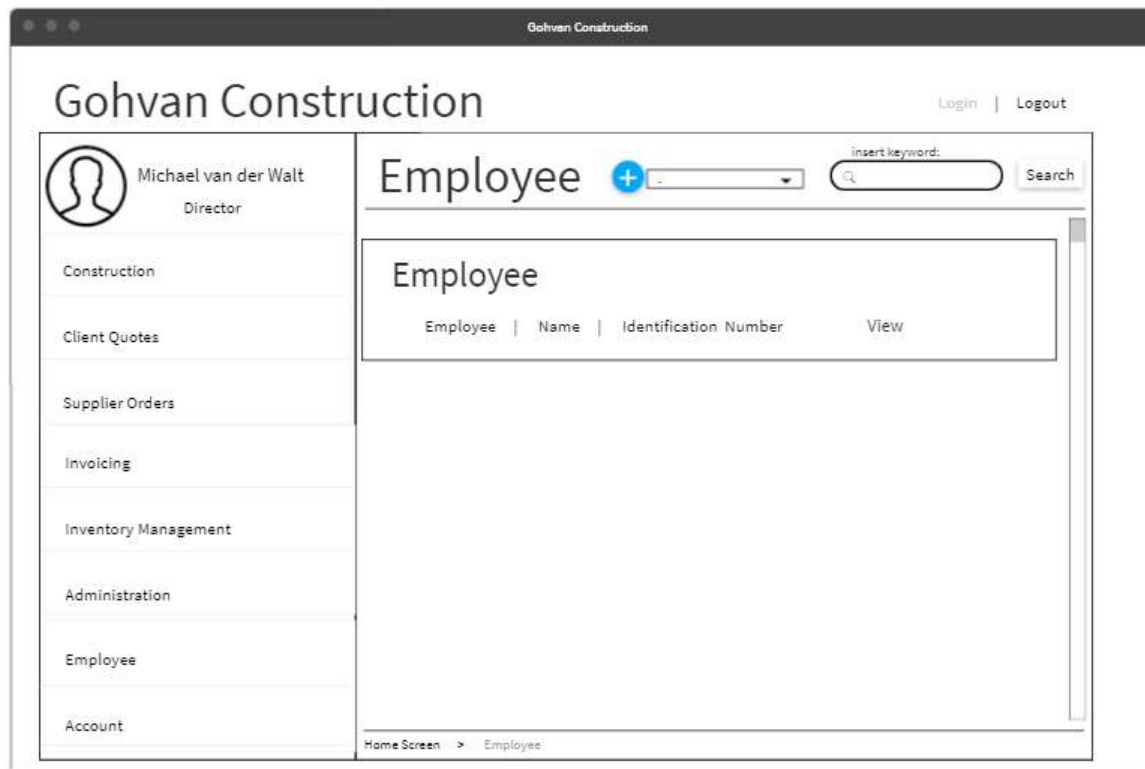


Figure 87: 6.6 Employee Screen

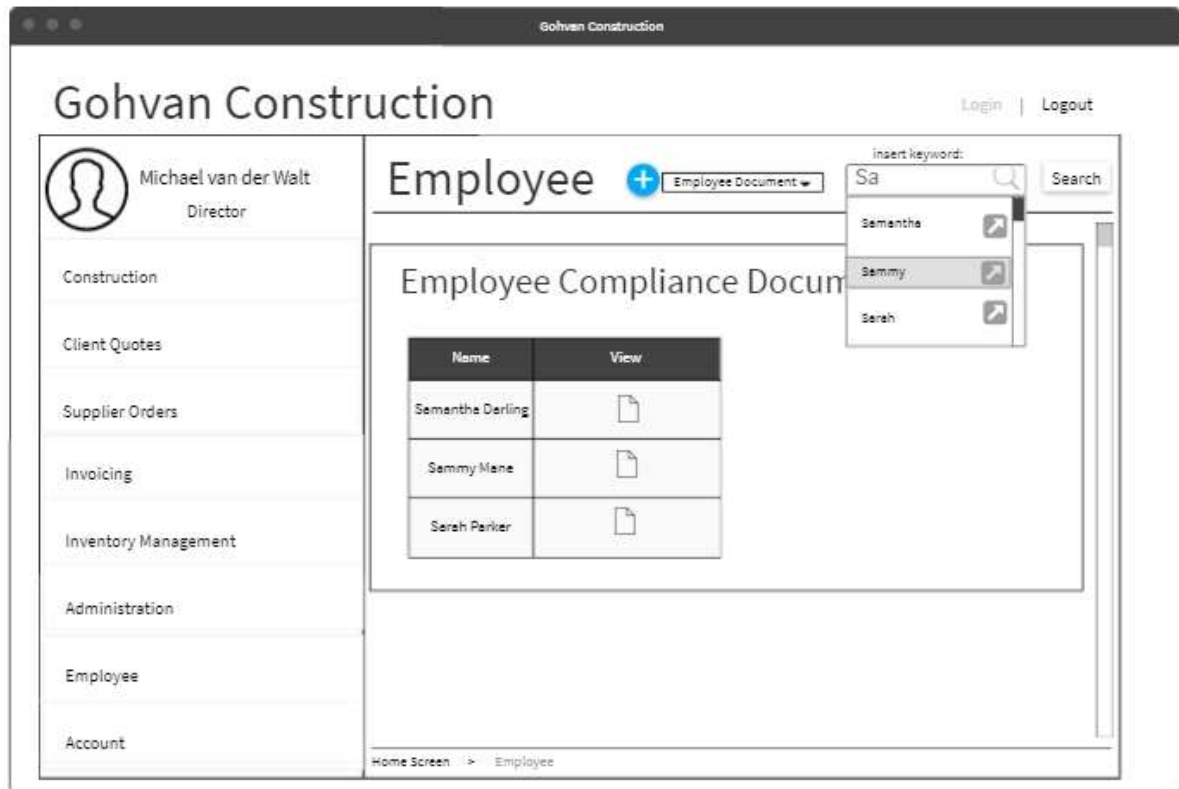


Figure 88: 6.6 Employee Screen: Search Employee Document

View Employee Compliance Document

Expiry Date

12 May 2020

Sarah Parker Compliance Document

Introduction

In order to ensure compliance with the relevant legislation, it is necessary to ensure that all employees are aware of the relevant legislation and the company's policies and procedures. This document provides information on the relevant legislation and the company's policies and procedures. It is intended to be used as a reference for all employees and to ensure that all employees are aware of the relevant legislation and the company's policies and procedures.

This document is intended to be used as a reference for all employees and to ensure that all employees are aware of the relevant legislation and the company's policies and procedures. It is intended to be used as a reference for all employees and to ensure that all employees are aware of the relevant legislation and the company's policies and procedures.

This document is intended to be used as a reference for all employees and to ensure that all employees are aware of the relevant legislation and the company's policies and procedures. It is intended to be used as a reference for all employees and to ensure that all employees are aware of the relevant legislation and the company's policies and procedures.

This document is intended to be used as a reference for all employees and to ensure that all employees are aware of the relevant legislation and the company's policies and procedures. It is intended to be used as a reference for all employees and to ensure that all employees are aware of the relevant legislation and the company's policies and procedures.

Update

Cancel

Figure 89: 6.6 View Employee Document Modal

1.6.7 Create Account

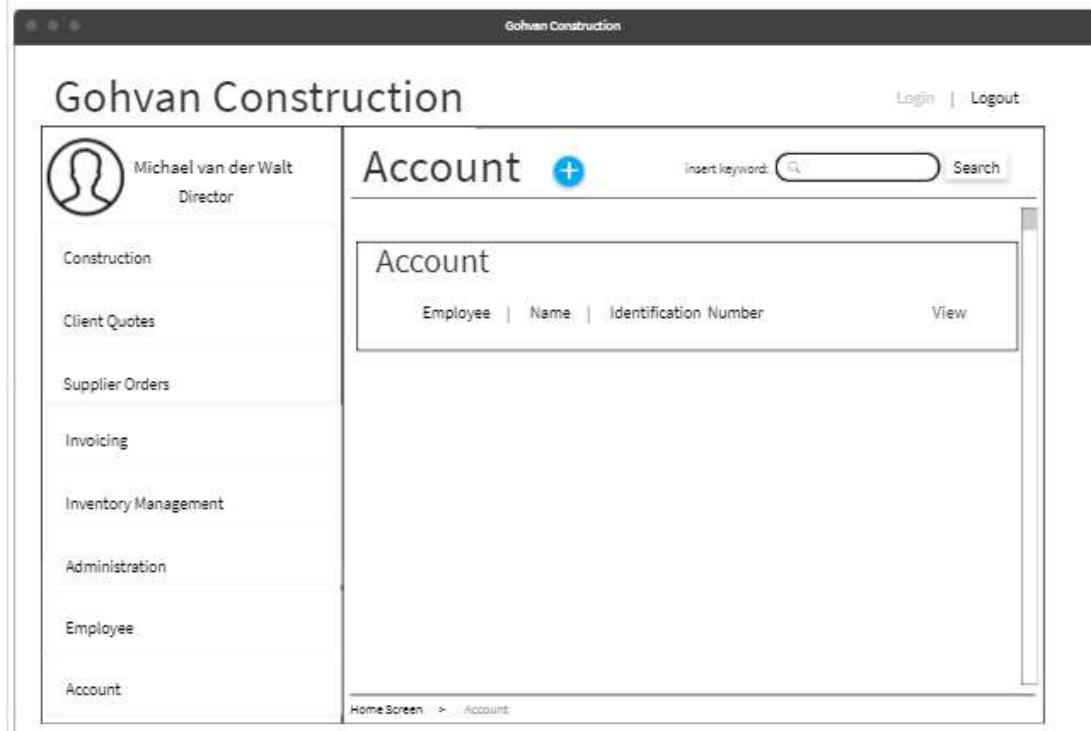


Figure 90: 6.7 Account Screen

The image displays two side-by-side screenshots of a 'Create Account' modal window. Both windows have a title bar with a close button (X) and a search bar labeled 'Search Employee'.

The left window shows the following fields:

- Name:
- Surname:
- ID/Passport Number:
- Username:
- Email Address:
- Password:
- Confirm Password:

The right window shows the same fields as the left, plus:

- Security Question:
- Security Answer:
- User Role:

Both windows have a green 'Add' button and a red 'Cancel' button at the bottom.

Figure 91: 6.7 Create Account Modal

The image shows a 'Confirmation Required' modal window. It has a blue header with the text 'Confirmation Required' in white. The body is white and contains the text 'Are you sure the entered details are correct?'. At the bottom, there are two buttons: 'Yes' and 'No'.

Figure 92: 6.7 Confirmation Modal

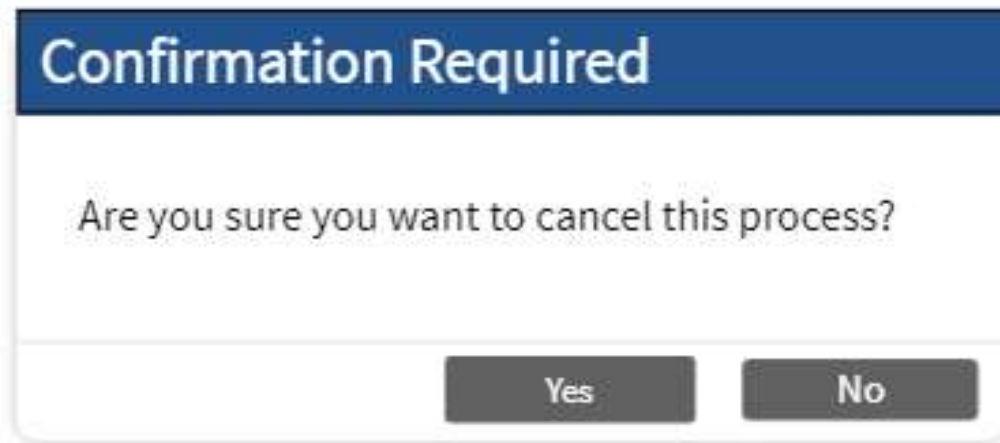


Figure 93: 6.7 Cancel Confirmation Modal

1.6.8 Edit Account

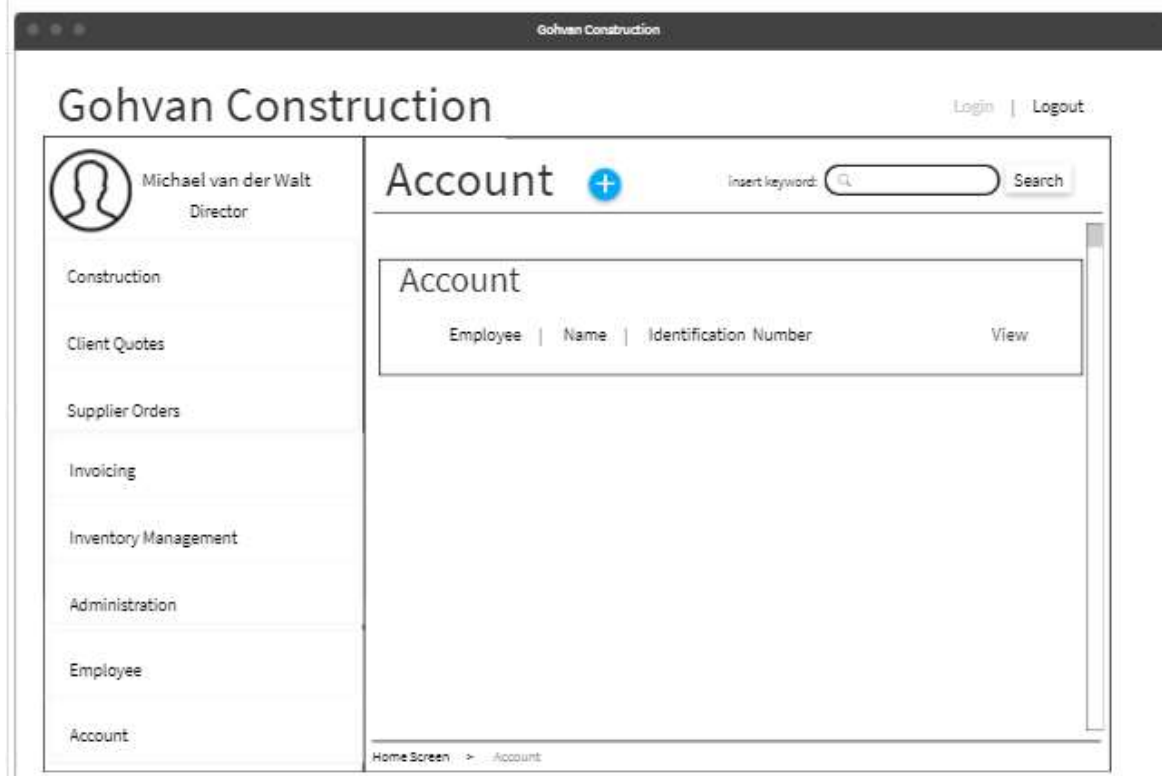


Figure 94: 6.8 Account Screen

The image displays two side-by-side 'Update Account' modal windows. The left window features a search bar at the top with the placeholder 'Search Employee'. Below it are input fields for Name (Samantha), Surname (Darling), ID/Passport Number (9911758377645), Username (SamanthaDarling), Email Address (samantha.darling@gmail.com), Password (masked with dots), and Confirm Password (masked with dots). The right window has fields for Username (SamanthaDarling), Email Address (samantha.darling@gmail.com), Password (masked with dots), Confirm Password (masked with dots), Security Question (What was my favourite first grade's teacher's surname?), Security Answer (Happalack), and User Role (Operations Manager). Both modals have an 'Update' button in orange and a 'Cancel' button in red at the bottom.

Figure 95: 6.8 Update Account Modal

The image shows a 'Confirmation Required' modal window. It has a blue header with the text 'Confirmation Required'. Below the header, the text 'Are you sure the entered details are correct?' is displayed. At the bottom, there are two buttons: 'Yes' and 'No'.

Figure 96: 6.8 Confirmation Modal

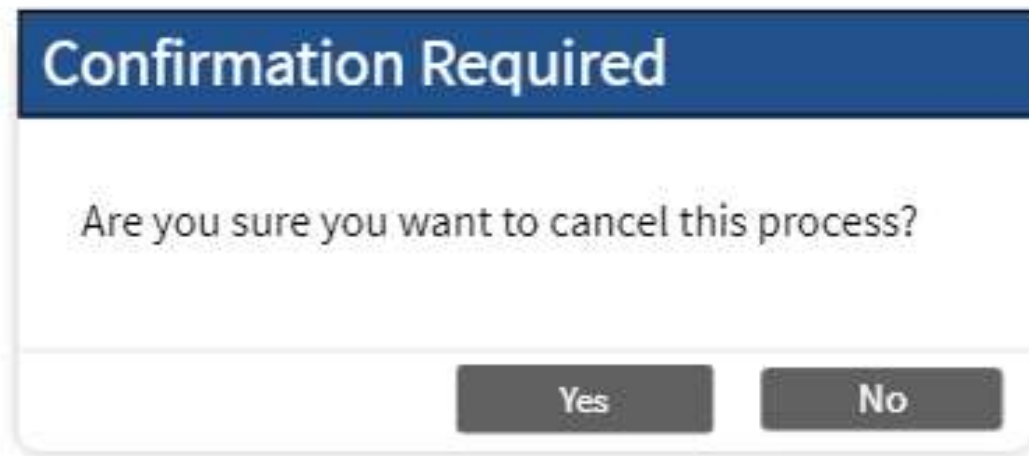


Figure 97: 6.8 Cancel Confirmation Modal

1.6.9 Search Account

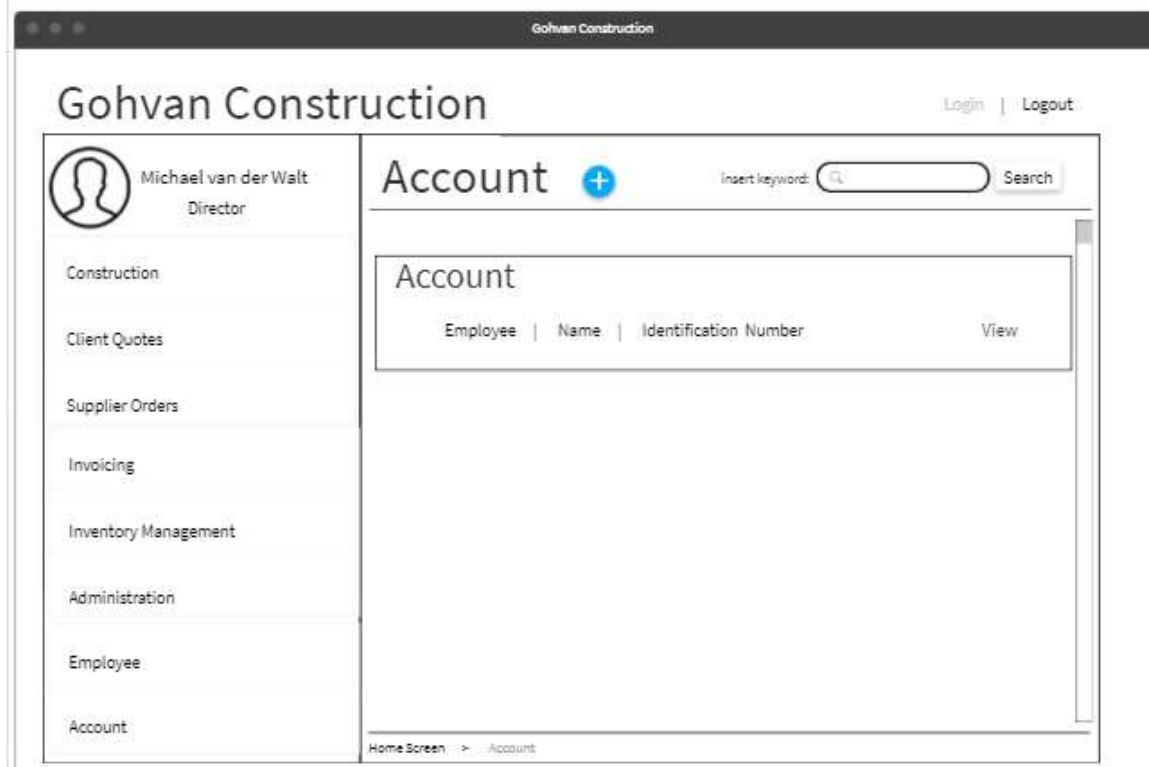


Figure 98: 6.9 Account Screen

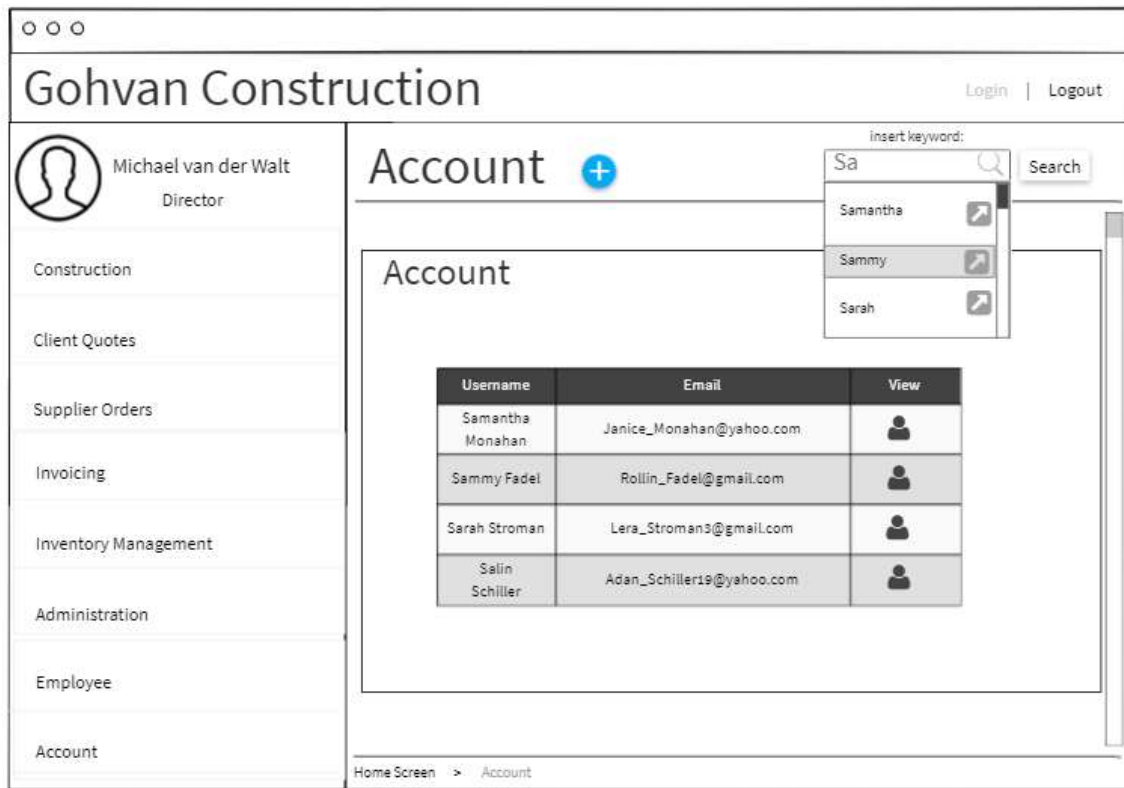


Figure 99: 6.9 Account Screen: Search Account

The image displays two side-by-side 'View Account' modal forms. Both forms have a title bar with the text 'View Account' and a close button (X).

Left Modal Form:

- Search Employee:
- Name:
- Surname:
- ID/Passport Number:
- Username:
- Email Address:
- Password:
- Confirm Password:
- Buttons:

Right Modal Form:

- Username:
- Email Address:
- Password:
- Confirm Password:
- Security Question:
- Security Answer:
- User Role:
- Buttons:

Figure 100: 6.9 View Account Modal

1.6.10 Create Employee Type

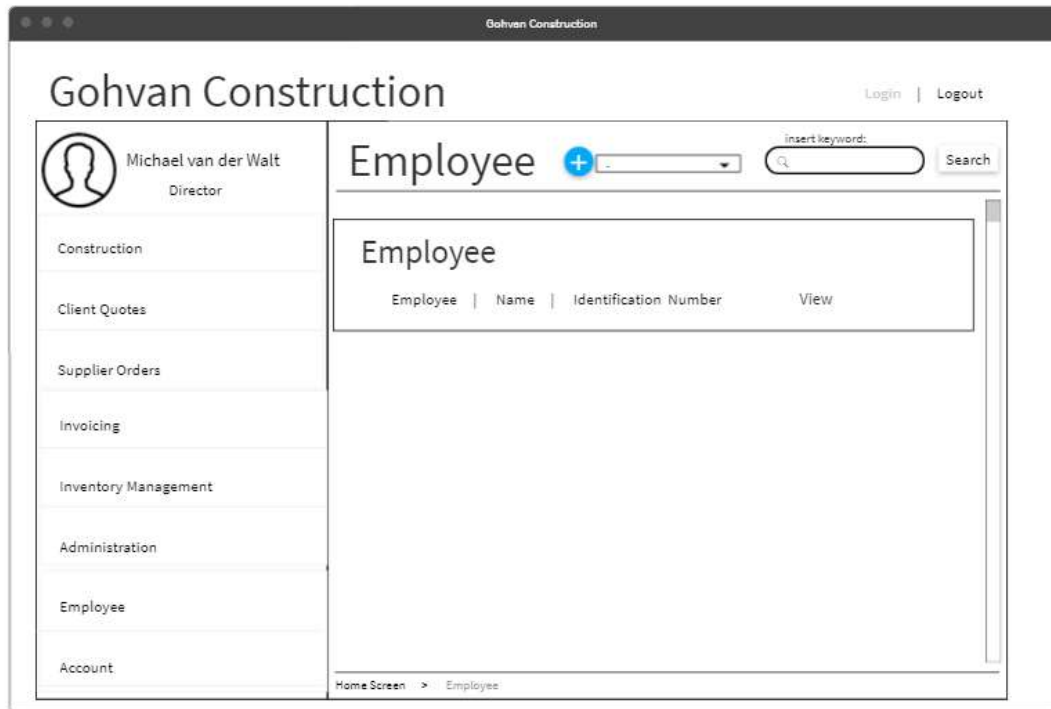
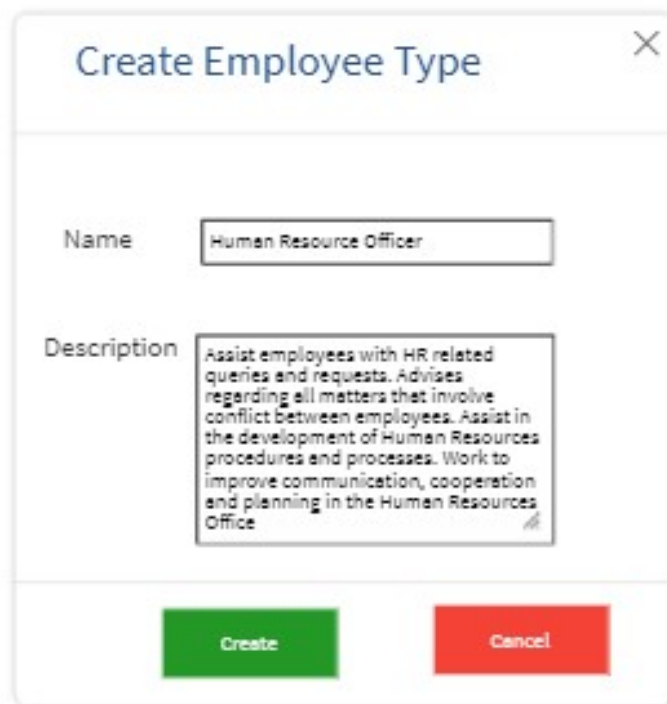
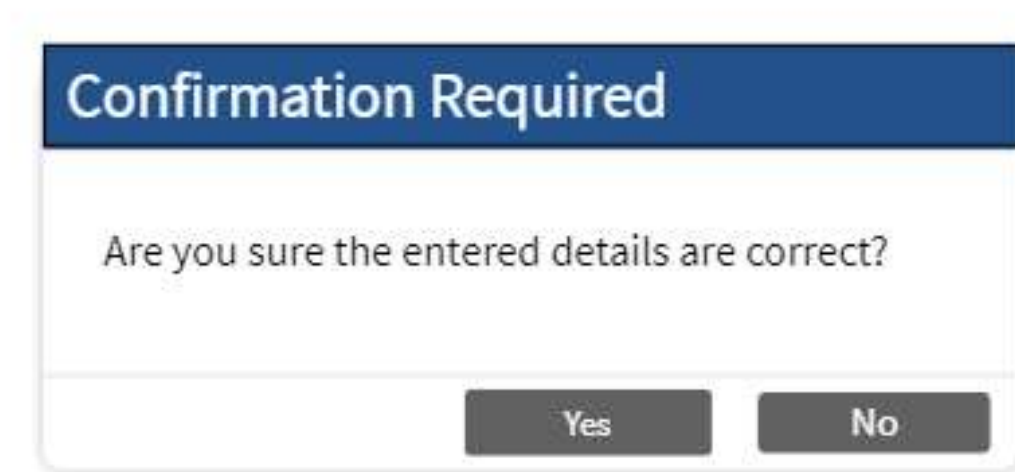


Figure 101: 6.10 Employee Screen



The modal is titled "Create Employee Type" with a close button (X) in the top right corner. It contains two input fields: "Name" with the value "Human Resource Officer" and "Description" with a multi-line text area containing the following text: "Assist employees with HR related queries and requests. Advises regarding all matters that involve conflict between employees. Assist in the development of Human Resources procedures and processes. Work to improve communication, cooperation and planning in the Human Resources Office". At the bottom, there are two buttons: a green "Create" button and a red "Cancel" button.

Figure 102: 6.10 Create Employee Type Modal



The modal has a dark blue header with the text "Confirmation Required" in white. Below the header, the text "Are you sure the entered details are correct?" is displayed. At the bottom, there are two buttons: a dark grey "Yes" button and a dark grey "No" button.

Figure 103: 6.10 Confirmation Modal

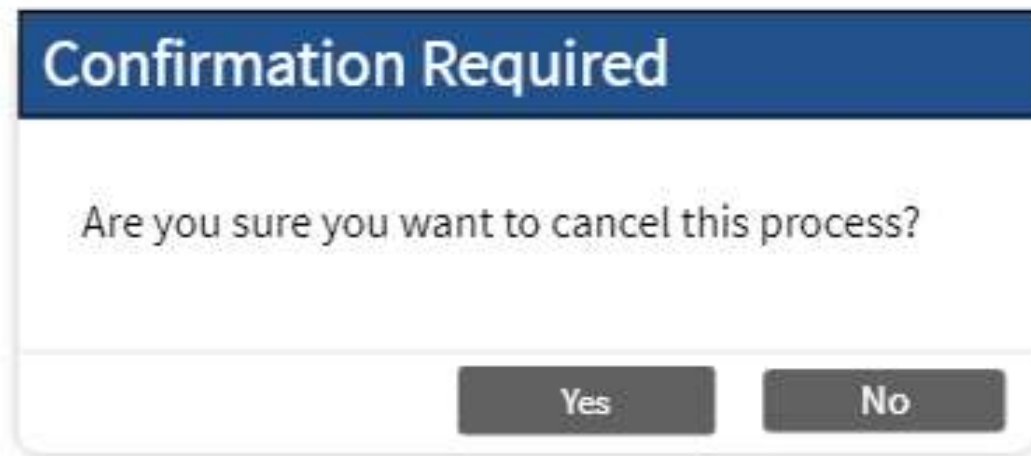


Figure 104: 6.10 Cancel Confirmation Modal

1.6.11 Search Employee Type

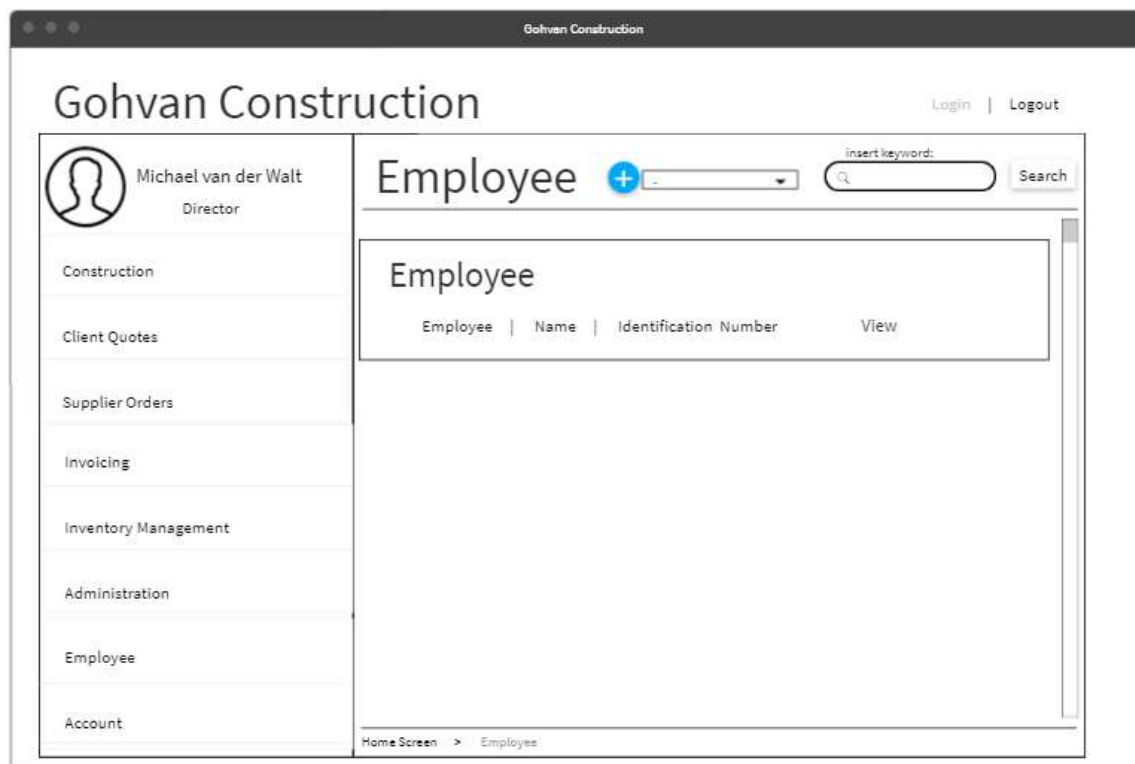


Figure 105: 6.11 Employee Screen

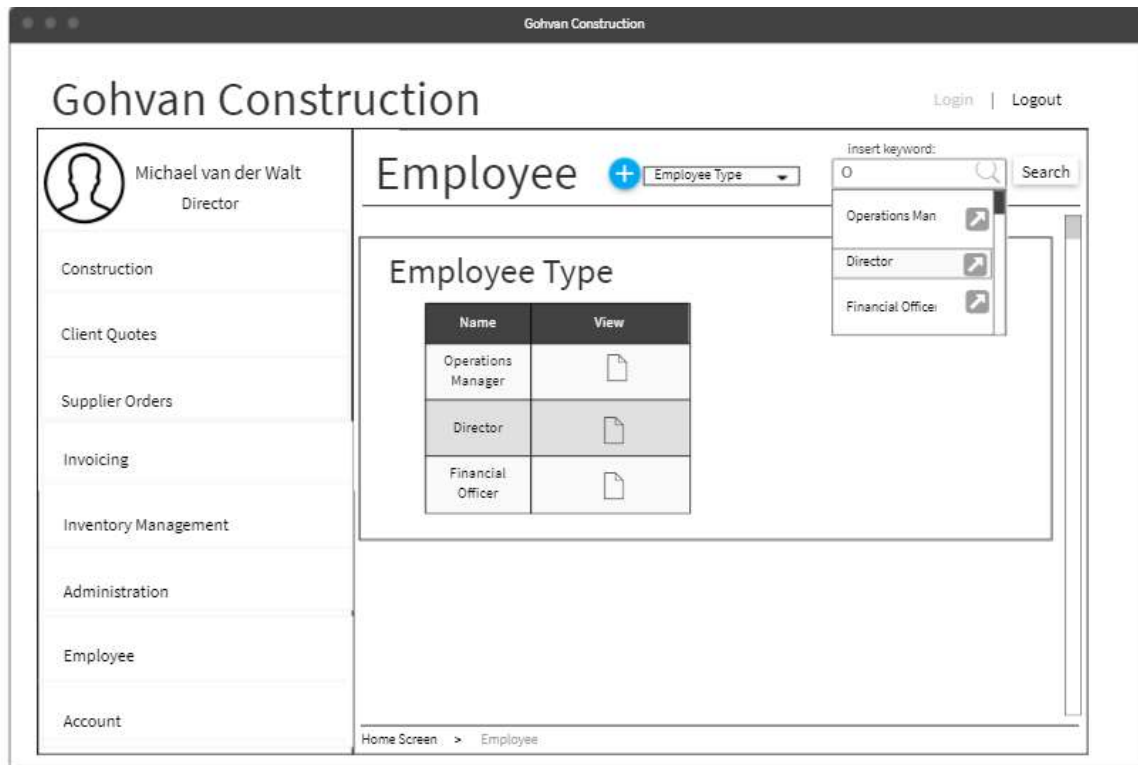


Figure 106: 6.11 Employee Screen: Search Employee Type

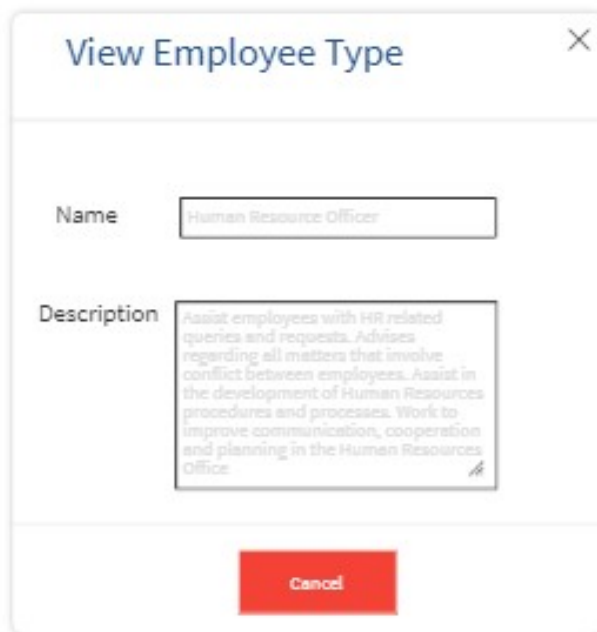


Figure 107: 6.11 View Employee Type

1.6.12 Create Employee Skill

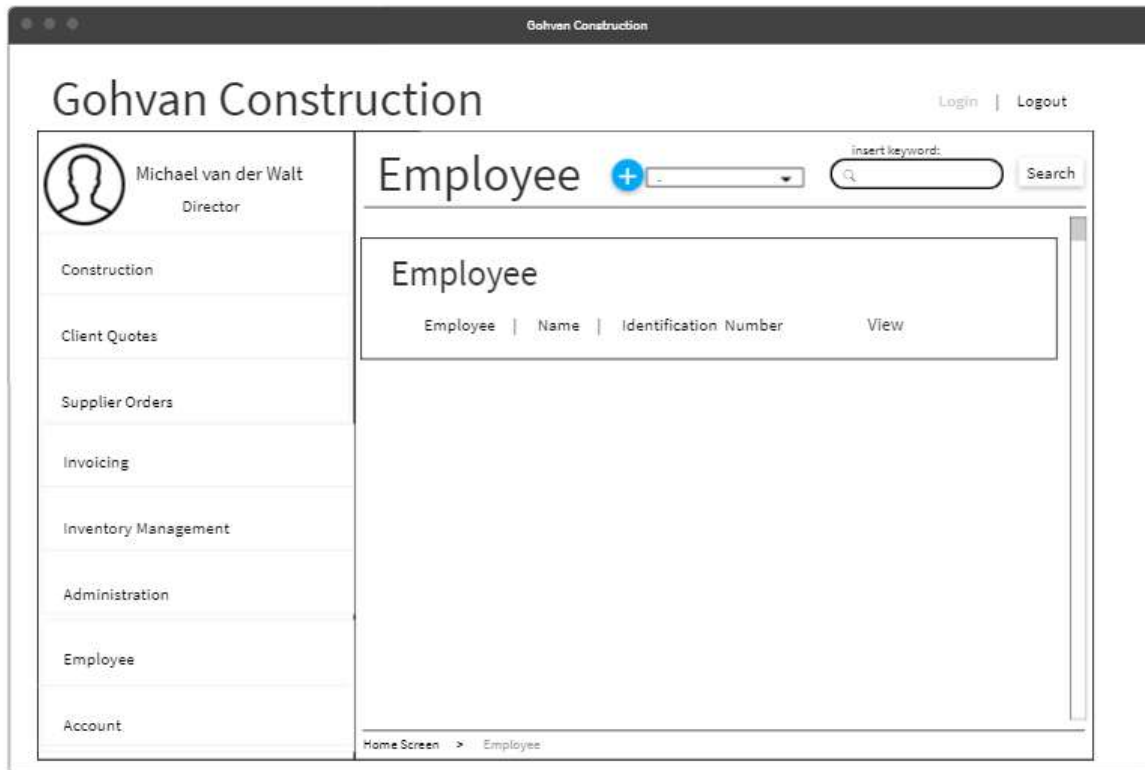
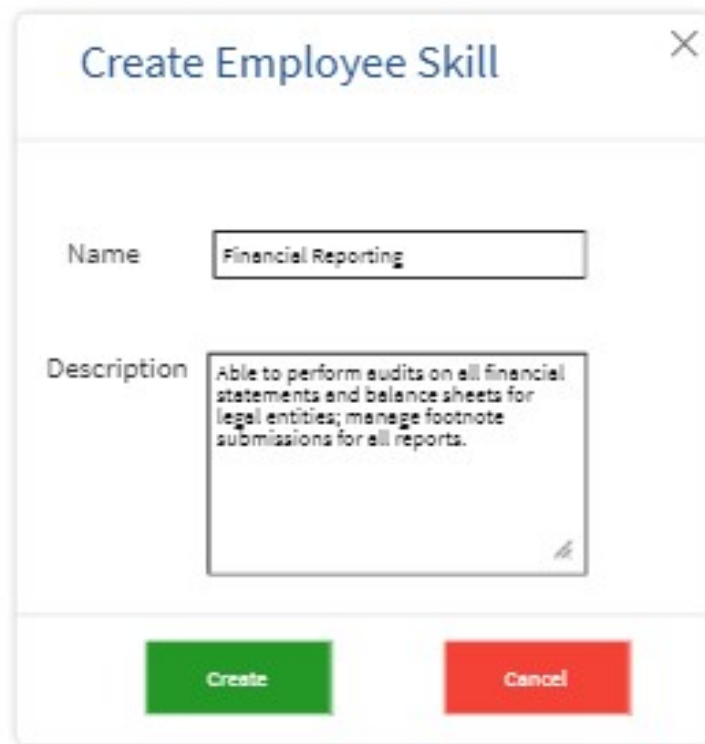
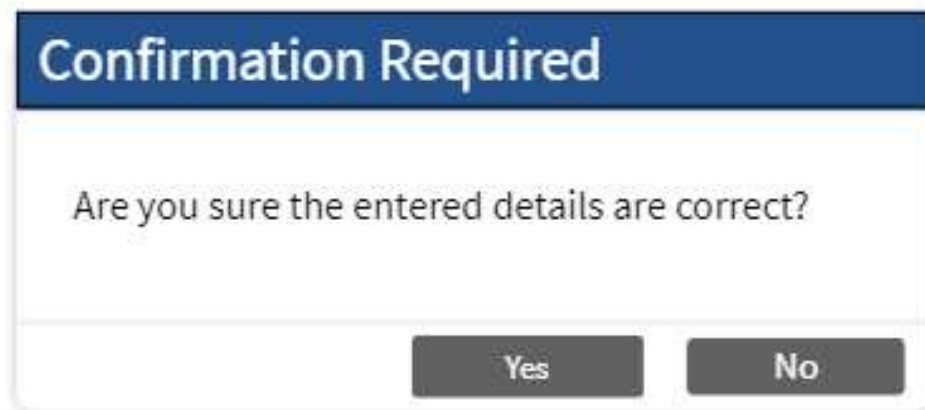


Figure 108: 6.12 Employee Screen



A screenshot of a 'Create Employee Skill' modal window. The title bar at the top is light blue with a close button (X) on the right. The modal has a white background. It contains two input fields: 'Name' with the text 'Financial Reporting' and 'Description' with the text 'Able to perform audits on all financial statements and balance sheets for legal entities; manage footnote submissions for all reports.' Below the input fields are two buttons: a green 'Create' button and a red 'Cancel' button.

Figure 109: 6.12 Create Employee Skill Modal



A screenshot of a 'Confirmation Required' modal window. The title bar at the top is dark blue with the text 'Confirmation Required' in white. The modal has a white background. It contains a question: 'Are you sure the entered details are correct?'. Below the question are two buttons: a dark grey 'Yes' button and a dark grey 'No' button.

Figure 110: 6.12 Confirmation Modal

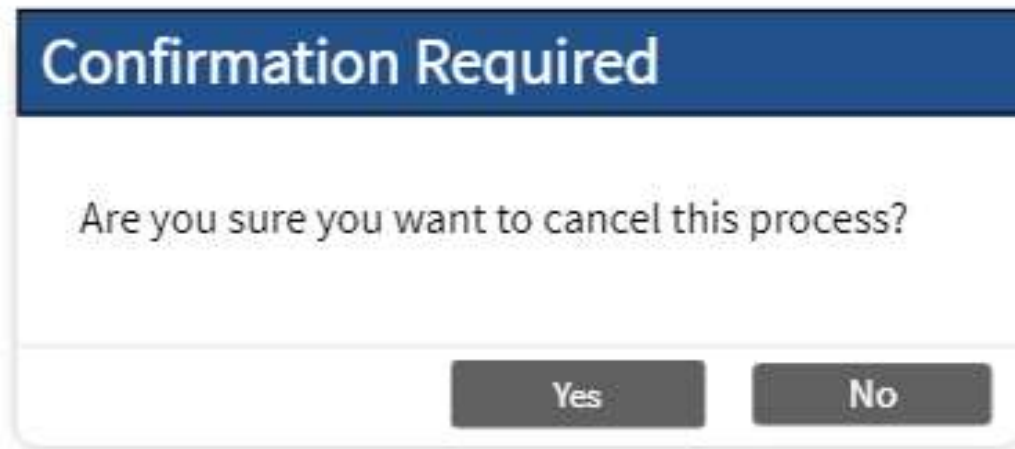


Figure 111: 6.12 Cancel Confirmation Modal

1.6.13 Search Employee Skill

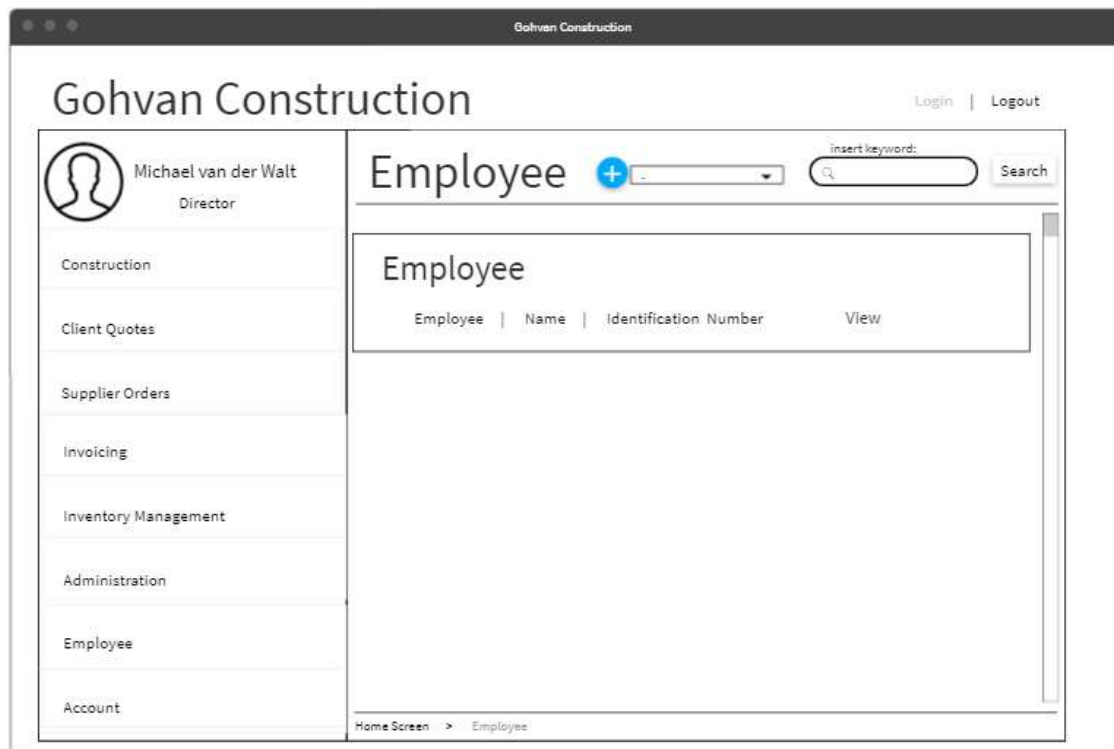


Figure 112 6.13 Employee Screen

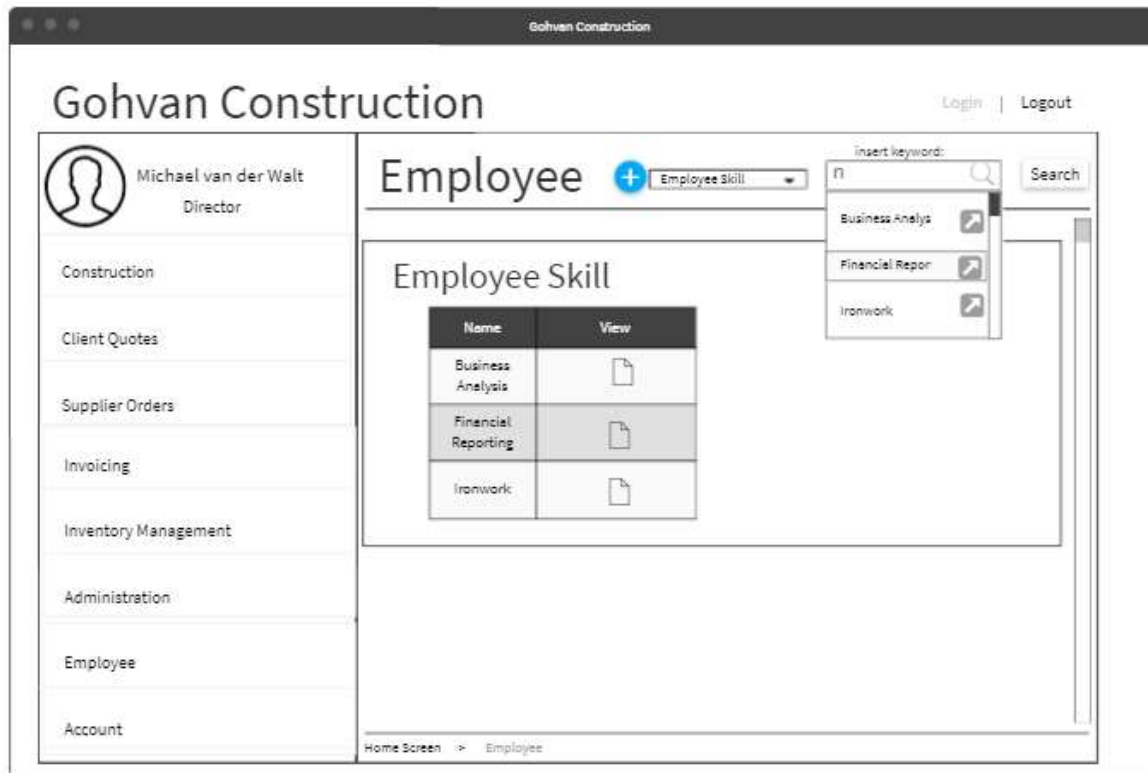
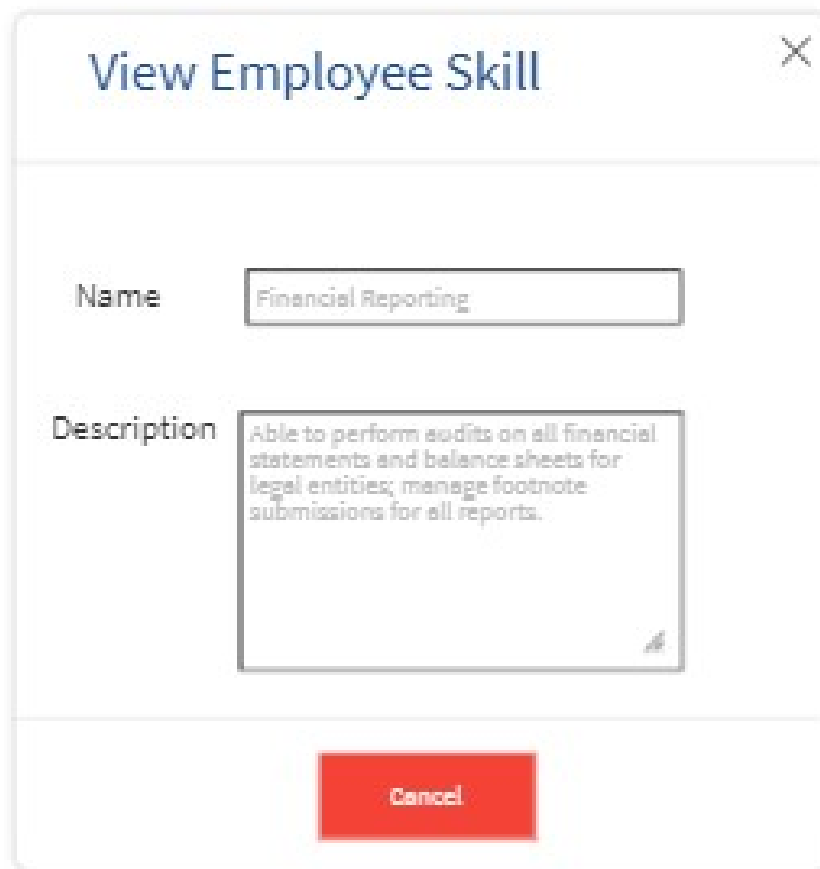


Figure 113: 6.13 Employee Screen: Search Employee Skill



The image shows a software window titled "View Employee Skill" with a close button (X) in the top right corner. The window is divided into three horizontal sections. The top section is the title bar. The middle section contains two labels: "Name" and "Description". The "Name" label is positioned to the left of a text input field containing the text "Financial Reporting". The "Description" label is positioned to the left of a larger text area containing the text "Able to perform audits on all financial statements and balance sheets for legal entities; manage footnote submissions for all reports." The bottom section of the window contains a single red button with the text "Cancel" in white.

View Employee Skill

Name: Financial Reporting

Description: Able to perform audits on all financial statements and balance sheets for legal entities; manage footnote submissions for all reports.

Cancel

Figure 114: 6.13 View Employee Skill Screen

1.7. Team Subsystem

1.7.1 Create Team

Create Team

Team Name:

Select Site Manager:

Select Member:




Employee Name	
Mark Otto	
Jacob Throton	
Larry theBird	

Figure 115: 7.1 Add Team screen

Confirm information

Please confirm that the details entered are correct?

Yes No

Figure 116: 7.1 Confirmation Modal Screen

1.7.2 Search Team

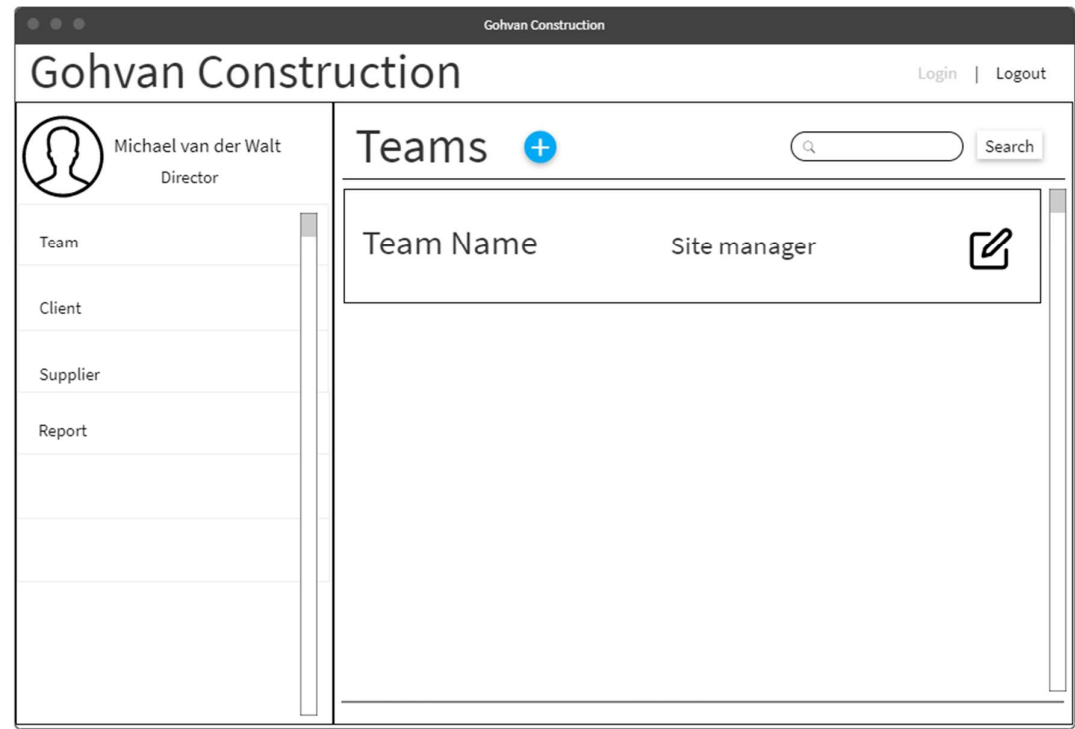


Figure 117: 7.2 Search Team screen -1

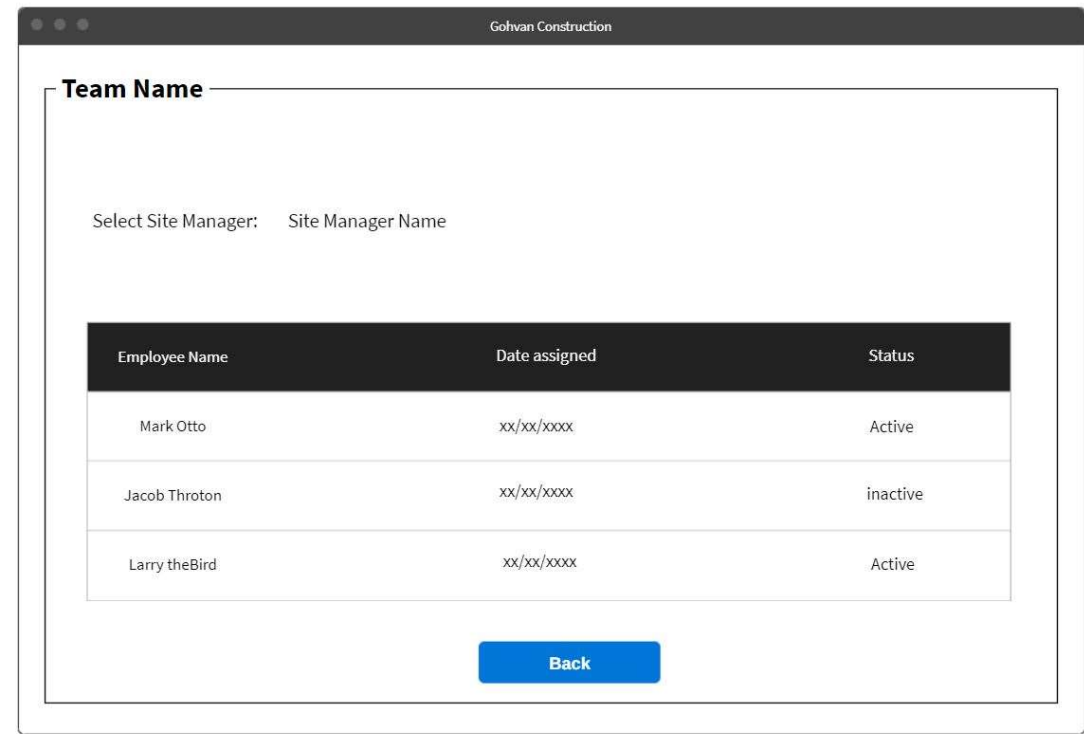


Figure 118: 7.2 Search Team screen -2

1.7.3 Edit Team

Edit Team

Team Name:

Select Site Manager:

Select Member: +

Employee Name	
Mark Otto	
Jacob Throton	
Larry theBird	

Figure 119: 7.3 Edit Team screen

Confirm information X

Please confirm that the details entered are correct?

Yes No

Figure 120: 7.3 Confirmation Modal Screen

1.8. Supplier Order Subsystem

1.8.1 Search Project Line-Item List

1.8.1.1 Search project line-item list Screen

Gohvan Construction Login | Logout

Michael van der Walt
Director

Construction

Client Quotes

Supplier Orders

Invoicing

Inventory Management

Administration

Employee

Account

Search Project Line-Item List

Sort Search

Project ID	Project Name	Site Name	BS Number	Date Started	View
					View
					View

[Back](#)


Level 1 > Level 2 > Level 3 > Level 4

1.8.1.2 View project line-item list Screen

o o o

Gohvan Construction

Login | Logout



Michael van der Walt
Director

Construction

Client Quotes

Supplier Orders

Invoicing

Inventory Management

Administration

Employee

Account

Project Line-Item List

Project Name

Project ID	Project Line-I...	Quantity	BS Number	Name	Description	Price Amount

OK

Level 1 > Level 2 > Level 3 > Level 4

1.8.2.2 Edit project line-item list Screen

Gohvan Construction Login | Logout

Michael van der Walt
Director

Construction

Client Quotes

Supplier Orders

Invoicing

Inventory Management

Administration

Employee

Account

Project Line-Item List +

Project Name

Provide Project Line-Item List Updates

Project ID	Project Lin...	Quantity	BS Number	Name	Description	Price Amo...	Remove
		5					REMOVE
							REMOVE

Back Select Submit

Level 1 > Level 2 > Level 3 > Level 4

1.8.2.3 Confirm project line-item list Screen

Gohvan Construction Login | Logout

Michael van der Walt
Director

Construction

Client Quotes

Supplier Orders

Invoicing

Inventory Management

Administration

Employee

Account

Project Line-Item List

Project Name

Project ID	Project Line-I...	Quantity	BS Number	Name	Description	Price Amount


Cancel Confirm

Level 1 > Level 2 > Level 3 > Level 4

1.8.3.1 Invoicing Homepage Screen

Gohvan Construction

[Login](#) | [Logout](#)



Michael van der Walt
Director

- Construction
- Client Quotes
- Supplier Orders
- Invoicing
- Inventory Management
- Administration
- Employee
- Account

Supplier Order: Project Name

Project Line-Item List

Invoice Number	Date Sent	Date Paid	Invoice

EDIT

Supplier Quote

Invoice ID	Proof of Payme...	Proof of Payment	Date captured

CAPTURE

Supplier Purchase Order

Invoice Number	Date Captured	Receipt Number

CREATE

Level 1 > Level 2 > Level 3 > Level 4

1.8.3.2 Create Supplier Purchase Order Screen

Gohvan Construction Login | Logout

Michael van der Walt
Director

- Construction
- Client Quotes
- Supplier Orders
- Invoicing
- Inventory Management
- Administration
- Employee
- Account

Supplier Purchase Order

Project Name

Provide Supplier Assignments

Project ID	Project Line-I...	Quantity	Name	Description	Price Amount	Assign Suppl...
						Select ▼
						Select ▼

Back Submit

Level 1 > Level 2 > Level 3 > Level 4

1.8.3.3 Confirm Supplier Purchase Order Screen

Gohvan Construction Login | Logout

Michael van der Walt
Director

- Construction
- Client Quotes
- Supplier Orders
- Invoicing
- Inventory Management
- Administration
- Employee
- Account

Supplier Purchase Order

Project Name

Please confirm the below Supplier Purchas Orders

Supplier A

Project ID	Project Lin...	Quantity	Name	Description	Price Amo...	Supplier

Supplier B

Project ID	Project Lin...	Quantity	Name	Description	Price Amo...	Supplier

Cancel Confirm

Level 1 > Level 2 > Level 3 > Level 4

1.8.3. Supplier Purchase Order created alert

Supplier Purchase orders Created

Supplier POs Created

OK

1.8.3.3 Send Supplier Purchase Order alert

Send Purchase Orders


Send POs to Relevant Suppliers

OK

1.8.4 Capture Supplier Quote

1.8.4.1 Invoicing Homepage Screen

Gohvan Construction



Michael van der Walt

Director

- Construction
- Client Quotes
- Supplier Orders
- Invoicing
- Inventory Management
- Administration
- Employee
- Account

[Login](#) | [Logout](#)

Supplier Order: Project Name

Project Line-Item List

Invoice Number	Date Sent	Date Paid	Invoice

[EDIT](#)

Supplier Quote

Invoice ID	Proof of Payme...	Proof of Payment	Date captured

[CAPTURE](#)

Supplier Purchase Order

Invoice Number	Date Captured	Receipt Number

[CREATE](#)

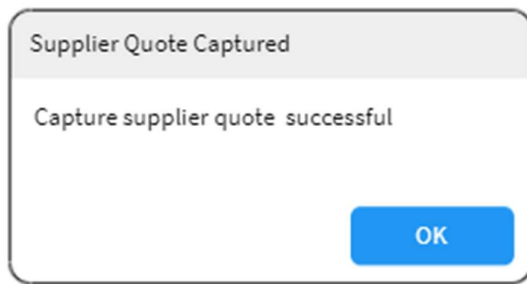
1.8.4.2 Capture Supplier Quote Screen

The screenshot shows the 'Capture Supplier Quote' screen. The header includes the Gohvan Construction logo and 'Login | Logout' links. The left sidebar shows the user profile 'Michael van der Walt, Director' and a menu with options: Construction, Client Quotes, Supplier Orders, Invoicing, Inventory Management, Administration, Employee, and Account. The main content area is titled 'Capture Supplier Quote' and contains a section 'Provide Supplier Quote Information'. This section has a sub-section 'Upload supplier quote' with a 'Choose File' button and 'No File Chosen' text. Below this is the 'Supplier Quote details' section with input fields for 'Quote Number', a dropdown for 'Supplier' (set to 'Select'), and an 'Amount' field. At the bottom of this section are 'Cancel' and 'Submit' buttons. A breadcrumb trail at the very bottom reads 'Level 1 > Level 2 > Level 3 > Level 4'.

1.8.4.3 Confirm Supplier Quote Screen

The screenshot shows the 'Confirm Supplier Quote' screen. The header and left sidebar are identical to the previous screen. The main content area is titled 'Confirm Supplier Quote' and features a large rectangular box with a diagonal 'X' across it, indicating a missing image or a placeholder. Below this box, the 'Quote Number' is 123654 and the 'Supplier' is Charlie Brown. The 'Amount' is R123.45. At the bottom of this section are 'Cancel' and 'Submit' buttons. A breadcrumb trail at the very bottom reads 'Level 1 > Level 2 > Level 3 > Level 4'.

1.8.4.3 Supplier Quote Captured alert




1.8.5 Search Supplier Quote

1.8.5.1 Search Supplier Quote Screen

○○○

Gohvan Construction

Login | Logout



Michael van der Walt
Director

Construction

Client Quotes

Supplier Orders

Invoicing

Inventory Management

Administration

Employee

Account

Search
Supplier Quote

Sort ▼

Search

Supplier Quote ID	Supplier Name	Supplier Quote	Date Received	Total Amount
		Download		
		Download		

Back

Level 1 > Level 2 > Level 3 > Level 4

1.8.6 Search Supplier Purchase Order

1.8.6.1 Search Supplier Purchase Order Screen

The screenshot displays the Gohvan Construction system interface. On the left is a sidebar menu with the user profile of Michael van der Walt, Director, and a list of navigation items: Construction, Client Quotes, Supplier Orders, Invoicing, Inventory Management, Administration, Employee, and Account. The main content area is titled 'Search Supplier Purchase Order' and includes a 'Sort' dropdown, a search input field, and a 'Search' button. Below this is a table with five columns: 'Supplier Purchase ...', 'Supplier Name', 'Supplier Purchase ...', 'Date Received', and 'Total Amount'. The first two rows of the table contain a 'Download' button in the third column. At the bottom left of the main area is a red 'Back' button. A breadcrumb trail at the bottom reads 'Level 1 > Level 2 > Level 3 > Level 4'.

Supplier Purchase ...	Supplier Name	Supplier Purchase ...	Date Received	Total Amount
		Download		
		Download		

1.9. Supplier Subsystem

1.9.1 Add Supplier

Add Supplier

Supplier Name: Email Address: Business Address:

Telephone Number: Fax Number: Street Address:

Vat Number: PO box: City:

Province: Zip Code:

Document Name
x
y
z

Figure 121: 9.1 Add Supplier Screen

Confirm information X

Please confirm that the details entered are correct?

Yes No

Figure 122: 9.1 Confirmation Modal Screen

1.9.2 Search Supplier

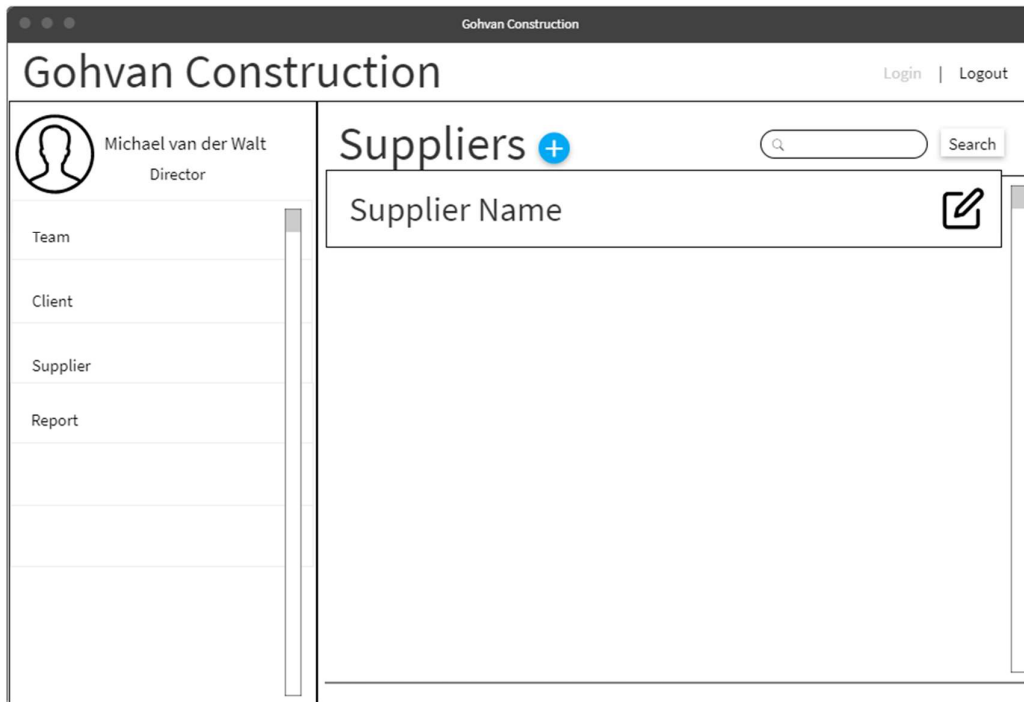
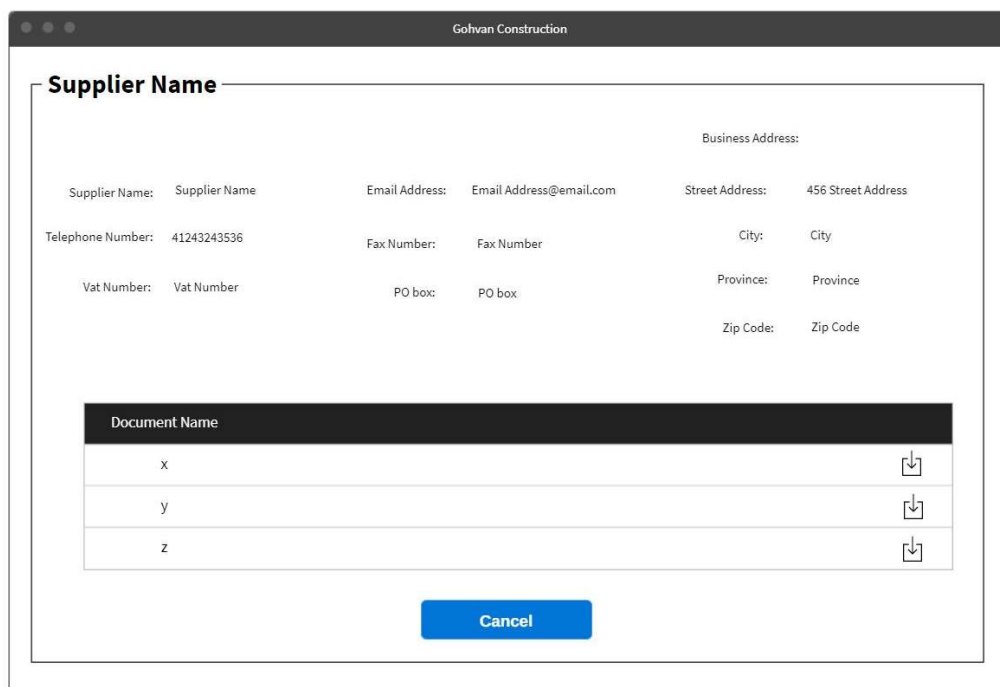


Figure 123: 9.2 Suppliers Screen - 1



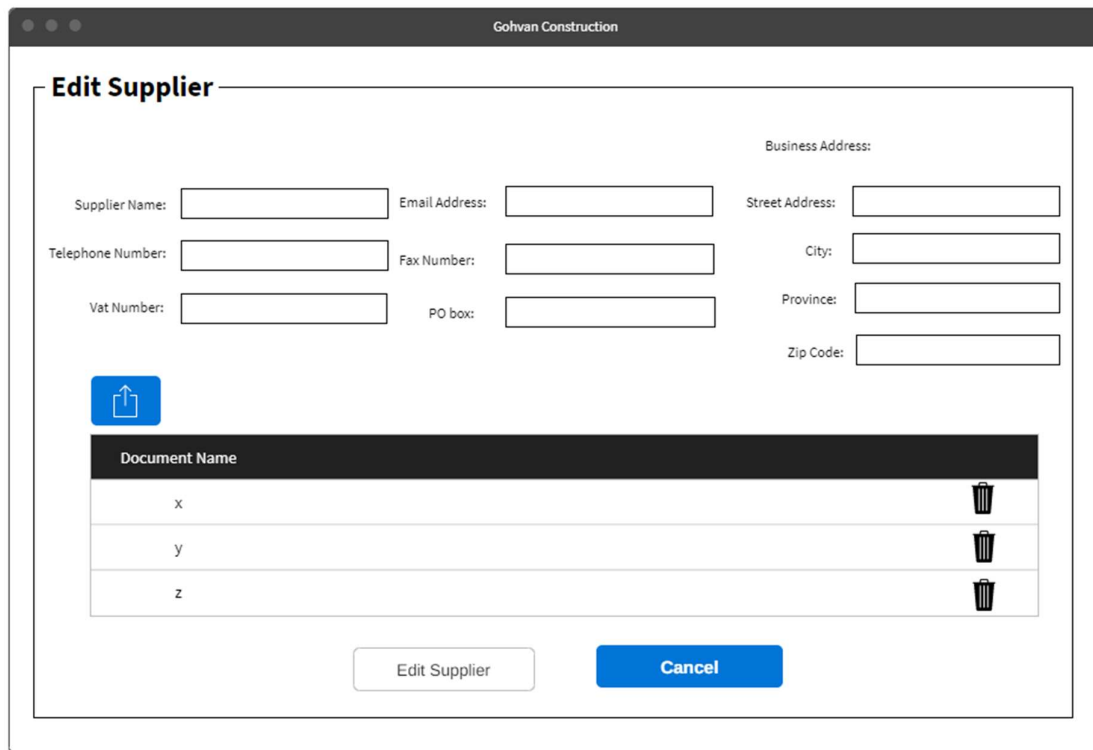
Supplier Name	
Supplier Name:	Supplier Name
Email Address:	Email Address@email.com
Telephone Number:	41243243536
Vat Number:	Vat Number
Business Address:	
Street Address:	456 Street Address
Fax Number:	Fax Number
City:	City
Province:	Province
PO box:	PO box
Zip Code:	Zip Code

Document Name
x
y
z

Cancel

Figure 124: 9.2 Suppliers Screen -2

1.9.3 Edit Supplier




Edit Supplier

Supplier Name: Email Address: Business Address:

Telephone Number: Fax Number: City:

Vat Number: PO box: Province:

Zip Code:






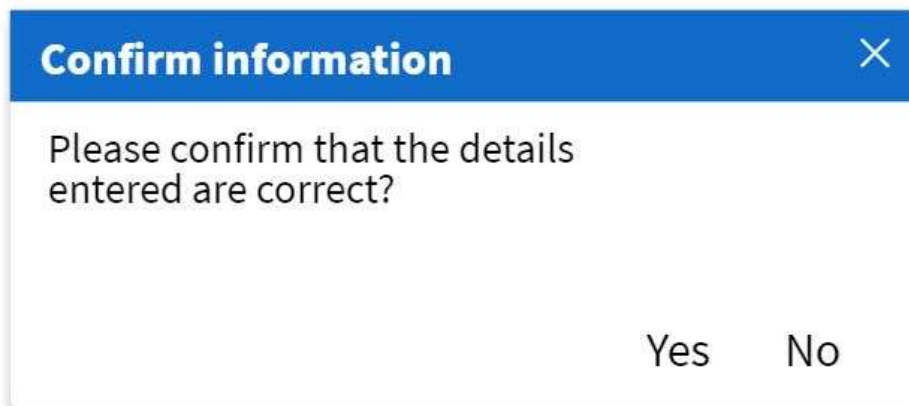
Document Name	
x	
y	
z	

Figure 125: 9.3 Edit Suppliers Screen



Confirm information ×

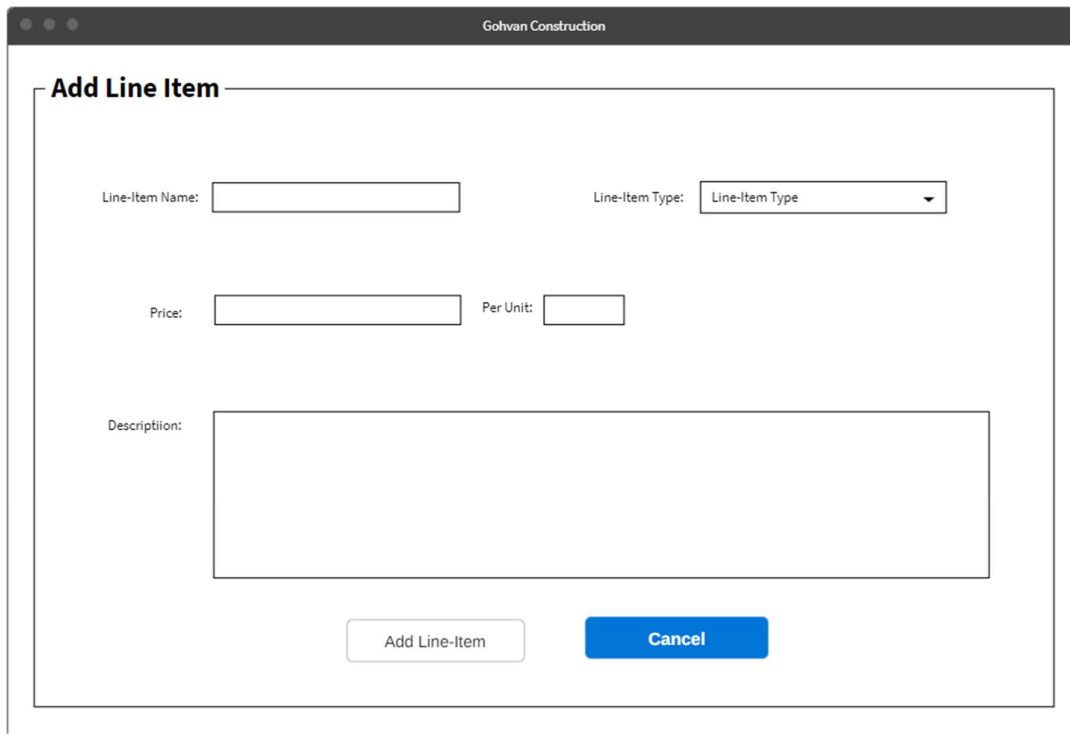
Please confirm that the details entered are correct?

Yes No

Figure 126: 9.2 Confirmation Screen Modal Screen

1.10. Inventory Management Subsystem

1.10.1 Add-Line Item



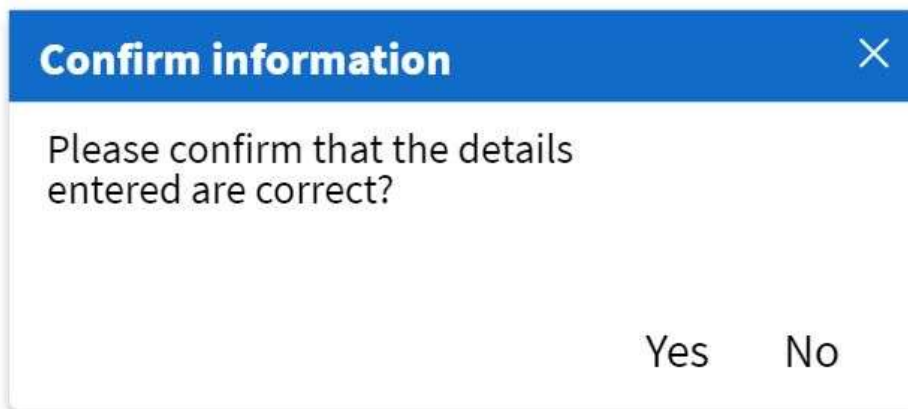
Add Line Item

Line-Item Name: Line-Item Type:

Price: Per Unit:

Description:

Figure 127: 10.1 Add line-item Screen



Confirm information X

Please confirm that the details entered are correct?

Yes No

1.10.2 Search-Line Item

Gohvan Construction

Michael van der Walt
Director

Construction

Client Quotes

Supplier Orders

Invoicing

Inventory Management

Administration

Employee

Account

Line-items

Search

Line-Item Name

Line-Item Type

Level 1 > Level 2 > Level 3 > Level 4

Figure 128: 10.2 Search line-item Screen- 1

Gohvan Construction

Line Item Name

Line-Item Type: Line-Item Type

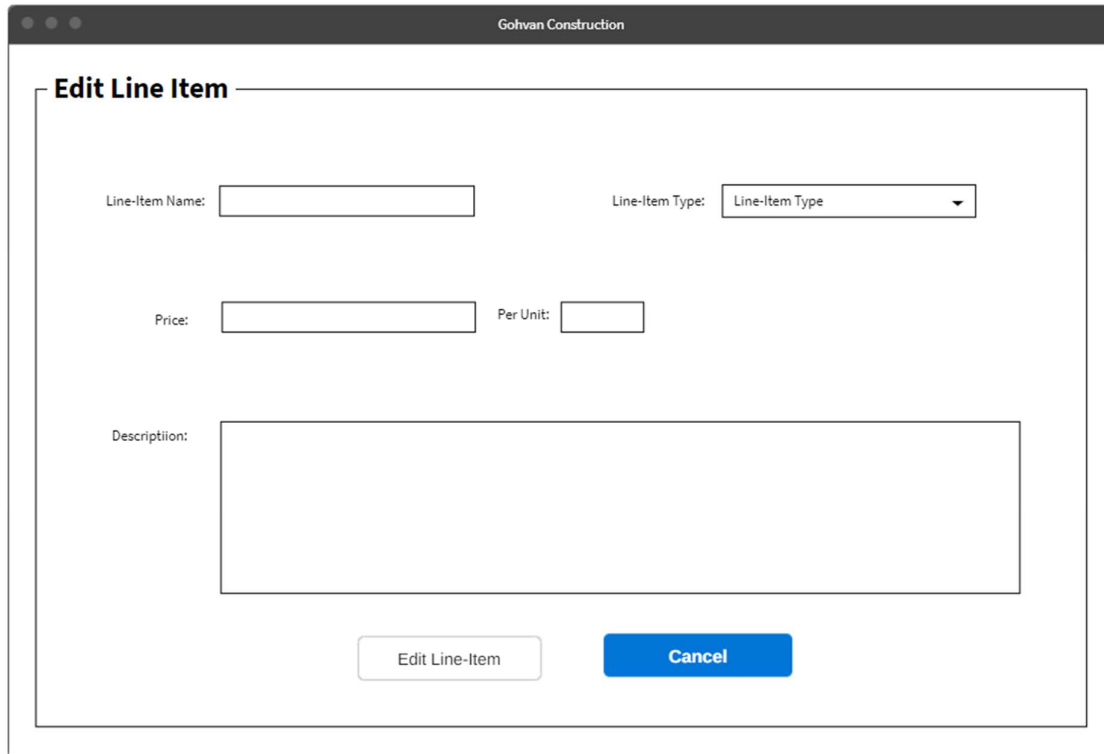
Price: \$\$\$ Per Unit: Per Unit

Description: Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

Cancel

Figure 129: 10.2 Search line-item Screen- 2

1.10.3 Edit line-item



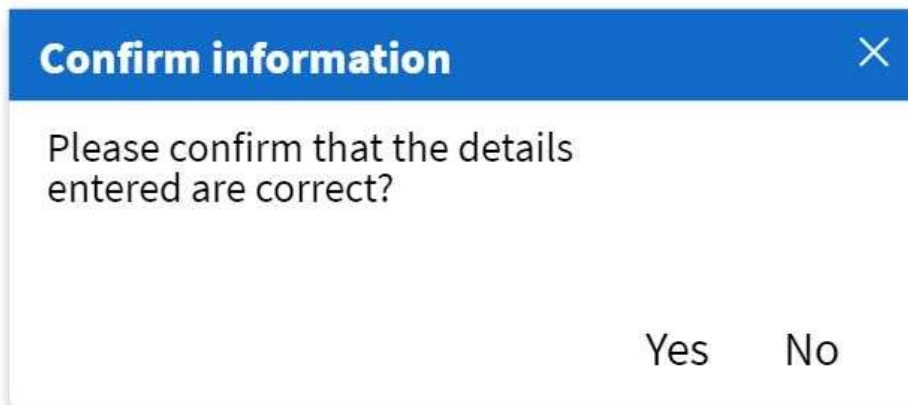
Edit Line Item

Line-Item Name: Line-Item Type:

Price: Per Unit:

Description:

Figure 130: 10.3 Edit line-item Screen- 1



Confirm information X

Please confirm that the details entered are correct?

Yes No

Figure 131: 10.3 Confirmation Modal Screen

1.11. Reporting Subsystem

1.11.1 Generate Site Progress Report

1.11.1.1 Generate Site Progress Report Screen

The screenshot displays a web application interface for 'Gohvan Construction'. The header includes the company name and 'Login | Logout' links. A sidebar on the left shows the user profile 'Michael van der Walt, Director' and a list of menu items: Team, Client, Supplier, Report, and an empty section. The main content area is titled 'Generate Site Progress Report' and contains a form for 'Provide Report Parameters'. The form includes a 'Site Type' dropdown menu, 'Start Date' and 'End Date' fields with calendar icons, and 'Back' and 'Generate' buttons. A breadcrumb trail at the bottom reads 'Level 1 > Level 2 > Level 3 > Level 4'.

Gohvan Construction Login | Logout

Michael van der Walt
Director

Team

Client

Supplier

Report

Generate Site Progress Report

Provide Report Parameters

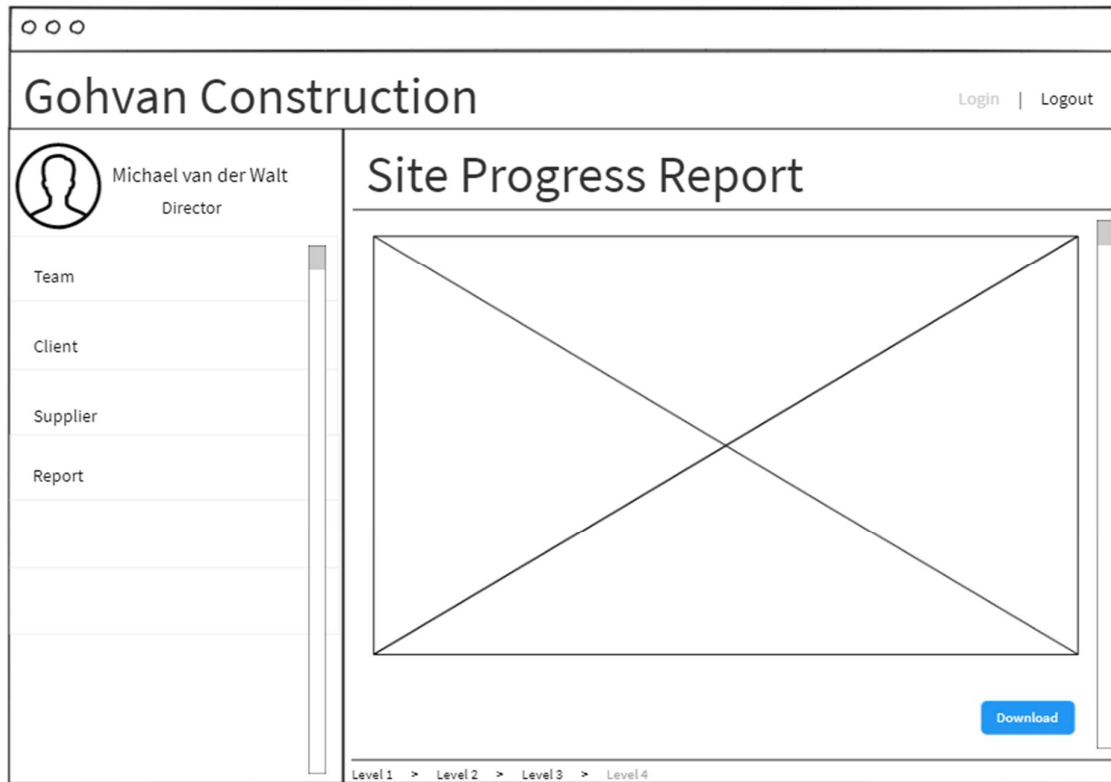
Site Type:

Start Date:

End Date:

Level 1 > Level 2 > Level 3 > Level 4

1.11.1.2 View Site Progress Report Screen



1.11.2 Generate Site Type Report

1.11.2.1 Generate Site Type Report Screen

The screenshot displays the 'Generate Site Type Report' screen within the Gohvan Construction system. The interface is divided into a sidebar and a main content area.

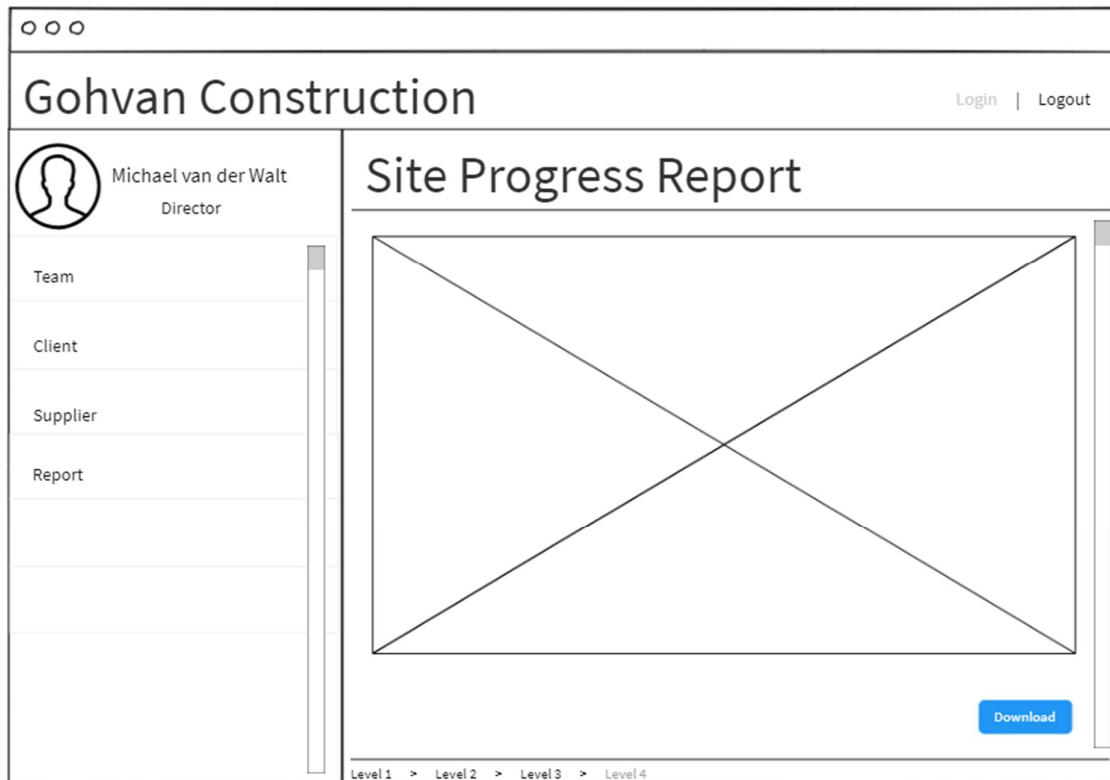
Sidebar:

- Header: Gohvan Construction
- User Profile: Michael van der Walt, Director
- Navigation Menu: Team, Client, Supplier, Report

Main Content Area:

- Section: Generate Site Type Report
- Form: Provide Report Parameters
 - Start Date: 12 May 2016
 - End Date: 12 May 2016
 - Buttons: Cancel, Generate
- Footer: Level 1 > Level 2 > Level 3 > Level 4

1.11.2.2 View Site Type Report Screen



1.11.3 Generate Team Site Completed Report

1.11.3.1 Generate Team Site Completed Report Screen

The screenshot displays a web application interface for 'Gohvan Construction'. The header includes the company name and 'Login | Logout' links. A sidebar on the left identifies the user as 'Michael van der Walt, Director' and lists navigation options: Team, Client, Supplier, and Report. The main content area is titled 'Generate Team Site Completed Report' and contains a form for 'Provide Report Parameters'. This form includes a 'Team Name' dropdown menu, 'Start Date' and 'End Date' fields (both set to '12 May 2016'), and 'Cancel' and 'Generate' buttons. A breadcrumb trail at the bottom reads 'Level 1 > Level 2 > Level 3 > Level 4'.

Gohvan Construction Login | Logout

Michael van der Walt
Director

Team

Client

Supplier

Report

Generate Team Site Completed Report

Provide Report Parameters

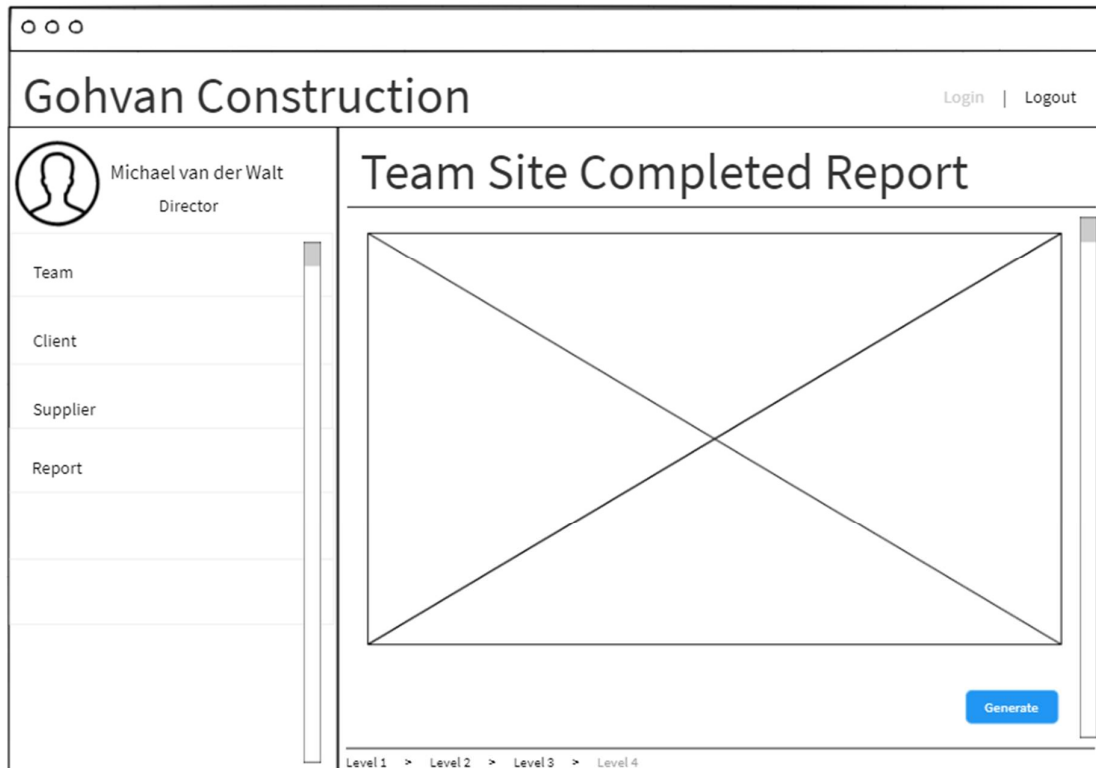
Team Name:

Start Date:

End Date:

Level 1 > Level 2 > Level 3 > Level 4

1.11.3.2 View Team Site Completed Report Screen



1.11.4 Generate Employee Document Expiry Report

Use Case is automatically invoked by Time. There are no screens involved.

1.11.5 Generate Site Acceptance Document

1.11.5.1 Confirm Site Acceptance Document Screen

The screenshot shows a web application interface for Gohvan Construction. The header includes the company name "Gohvan Construction" and links for "Login" and "Logout". The left sidebar displays the user profile "Michael van der Walt, Director" and a list of menu items: "Team", "Client", "Supplier", "Report", and two empty slots. The main content area is titled "Site Acceptance Document" and features a large rectangular box with a diagonal cross, indicating a missing image or a placeholder. Below this box are two buttons: "Cancel" (red) and "Generate" (blue). At the bottom of the main area, a breadcrumb trail shows "Level 1 > Level 2 > Level 3 > Level 4".

1.11.5.2 Site Acceptance Document created Screen

The screenshot shows a confirmation dialog box titled "Site Acceptance Document Created". The message inside reads "Create Site acceptance Document successful". At the bottom right of the dialog is a blue button labeled "OK".

1.12. User Management Subsystem

1.12.1 Login

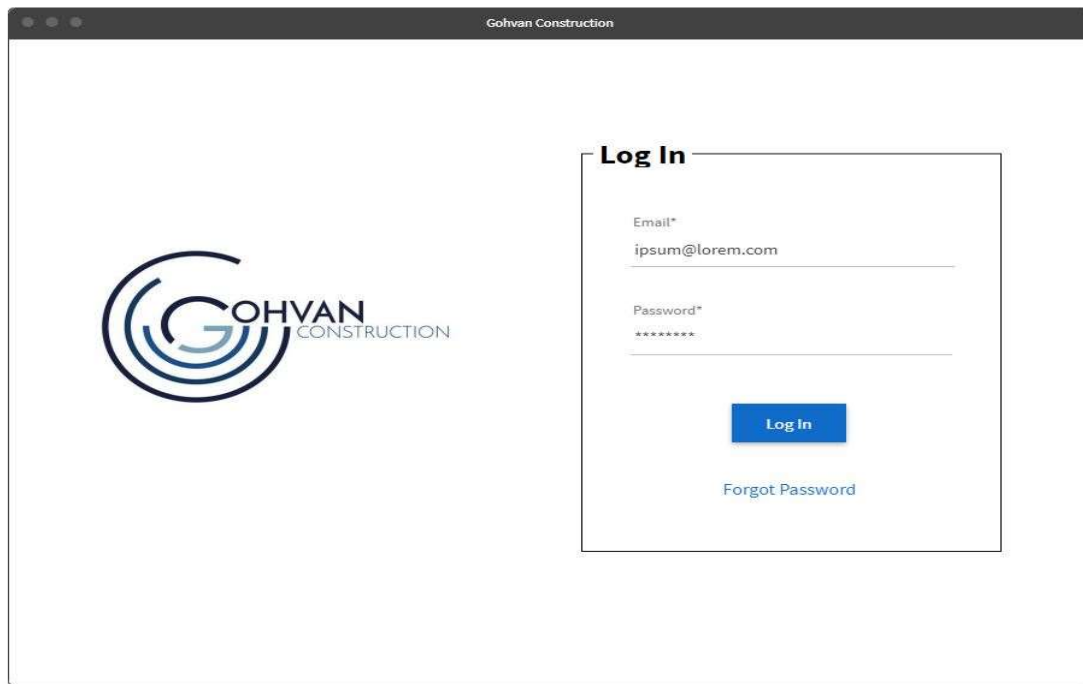


Figure 132: Login screen

1.12.2 Logout

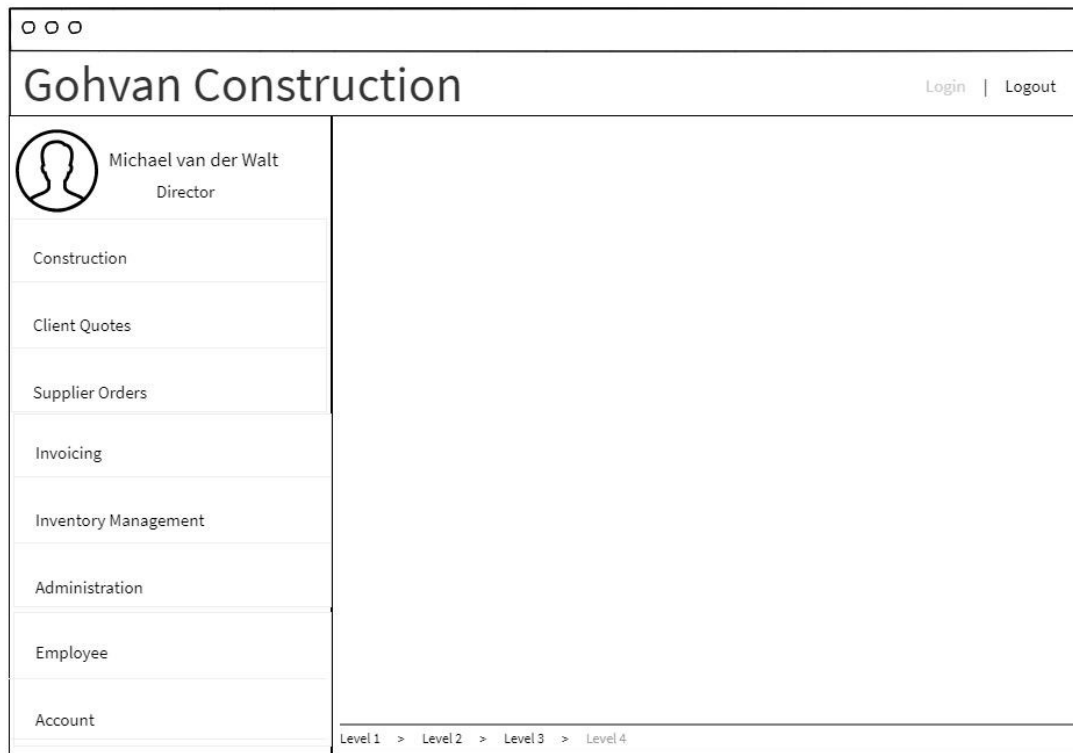


Figure 133: Main logout screen



Figure 134: Logout modal

1.12.3 Reset Password

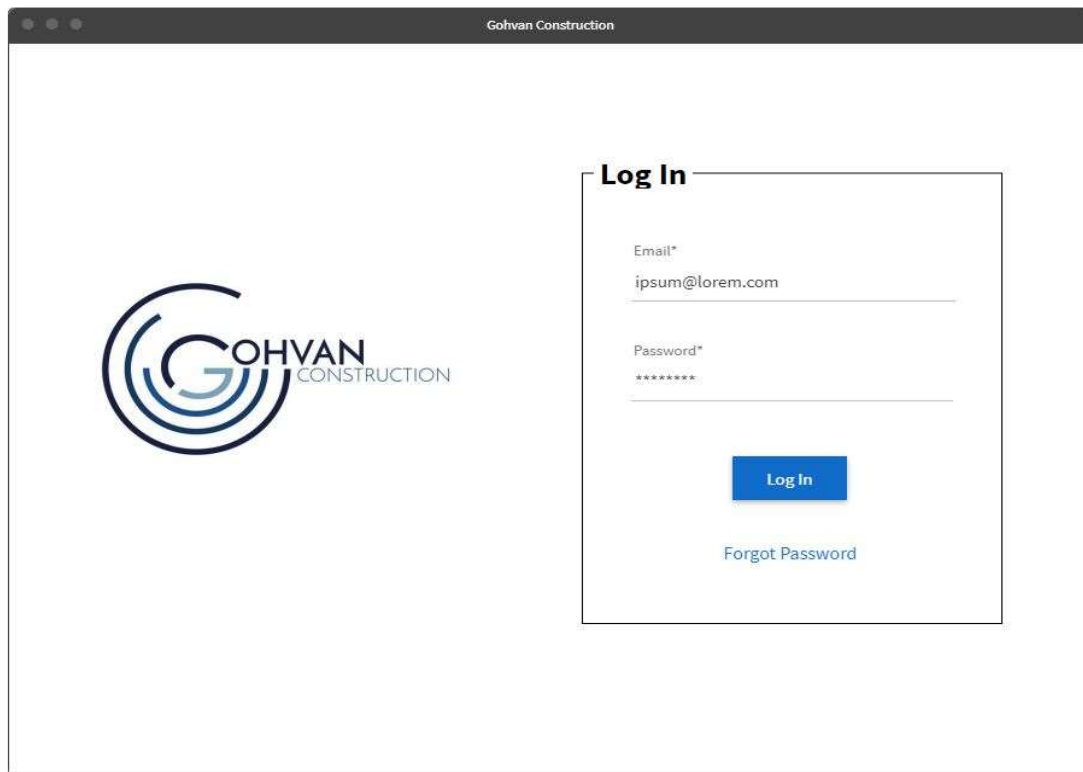


Figure 135: Login screen

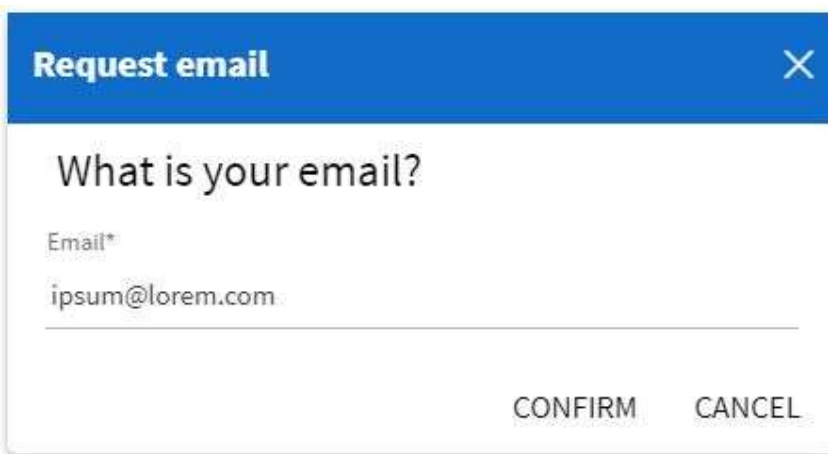


Figure 136: Forgot password modal



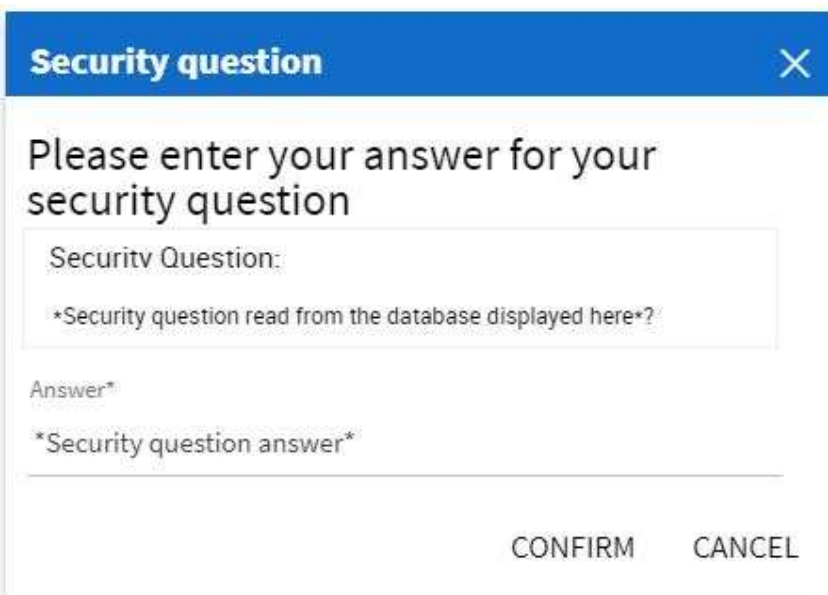
A modal dialog titled "Reset Password" with a close button (X) in the top right corner. The main text asks "Would you like to reset your password?". At the bottom, there are two buttons: "CONFIRM" and "CANCEL".

Figure 137: Reset password modal



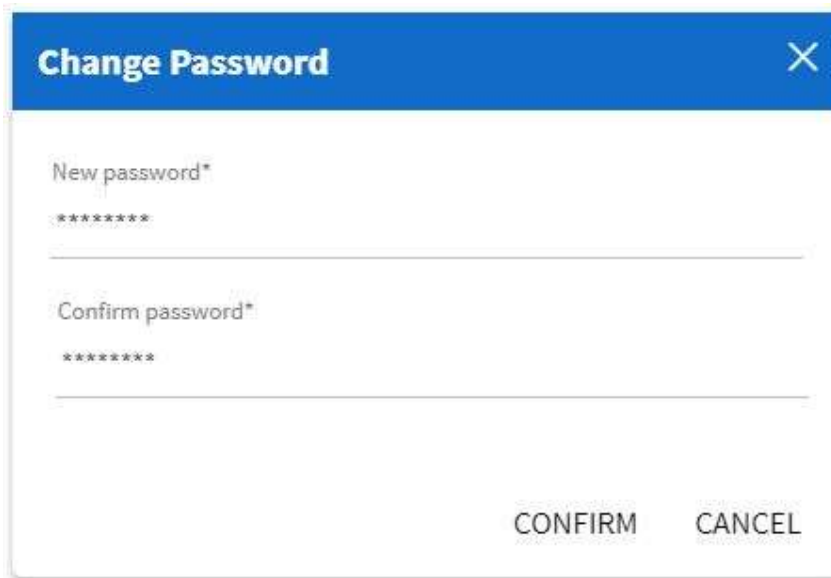
A modal dialog titled "Request email" with a close button (X) in the top right corner. The main text asks "What is your email?". Below this is a text input field labeled "Email*" containing the placeholder text "ipsum@lorem.com". At the bottom, there are two buttons: "CONFIRM" and "CANCEL".

Figure 138: Request email password



A modal dialog titled "Security question" with a close button (X) in the top right corner. The main text asks "Please enter your answer for your security question". Below this is a text input field labeled "Security Question:" containing the placeholder text "*Security question read from the database displayed here*?". Below that is another text input field labeled "Answer*" containing the placeholder text "*Security question answer*". At the bottom, there are two buttons: "CONFIRM" and "CANCEL".

Figure 139: Security question modal



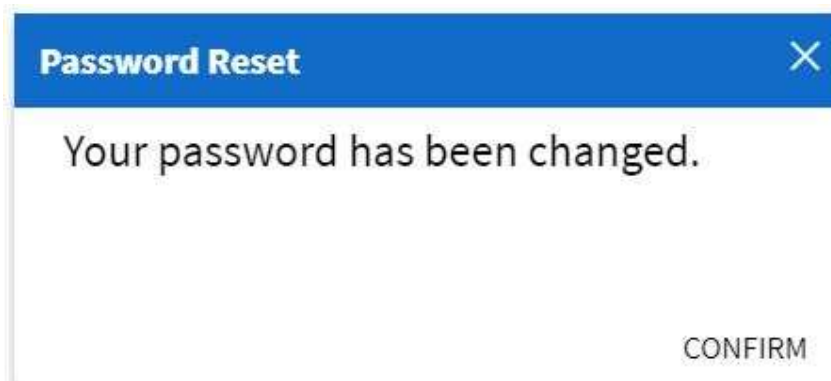
A modal window titled "Change Password" with a blue header bar containing a close button (X). The main content area is white and contains two password input fields. The first field is labeled "New password*" and the second is labeled "Confirm password*". Both fields show masked text with asterisks. At the bottom right, there are two buttons: "CONFIRM" and "CANCEL".

Figure 140: Change password modal



A modal window titled "Reset Password Confirmation" with a blue header bar containing a close button (X). The main content area is white and contains the text "Are you sure you want to reset your password?". At the bottom right, there are two buttons: "CONFIRM" and "CANCEL".

Figure 141: Reset password confirmation modal

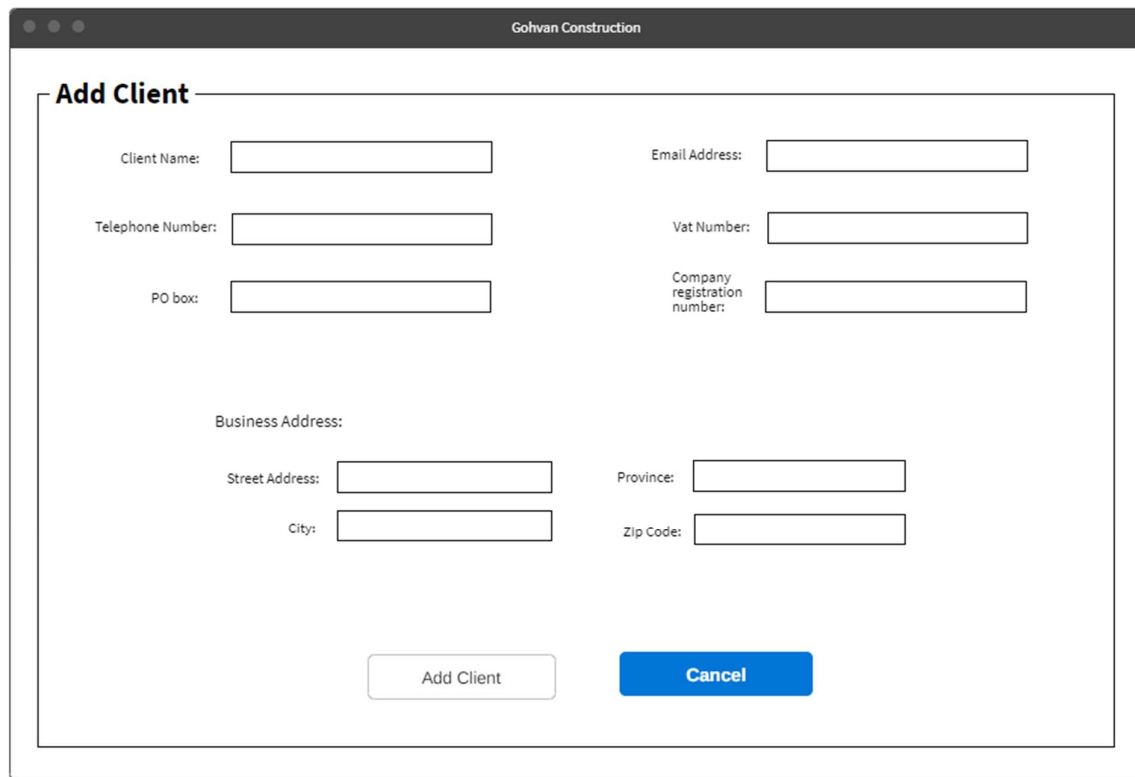


A modal window titled "Password Reset" with a blue header bar containing a close button (X). The main content area is white and contains the text "Your password has been changed.". At the bottom right, there is a single button: "CONFIRM".

Figure 142: Password reset modal

1.13. Client Subsystem

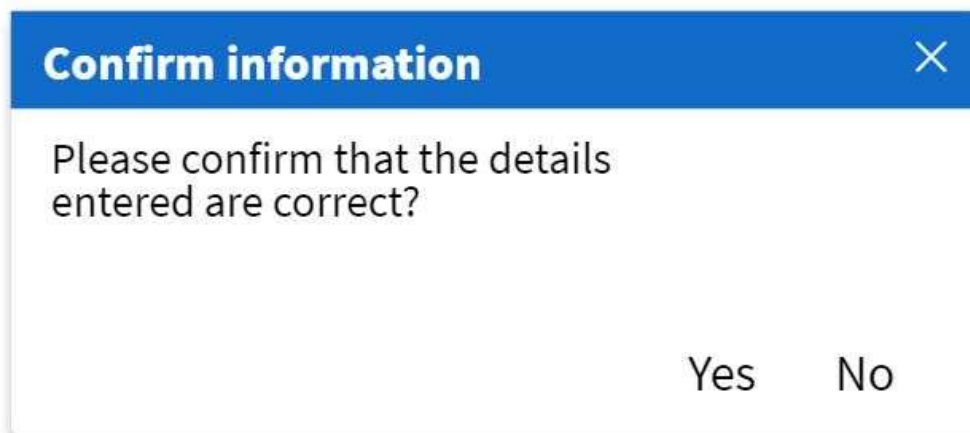
1.13.1 Add Client



The screenshot shows a web application window titled "Gohvan Construction". Inside, there is a form titled "Add Client". The form contains several input fields for client information:

- Client Name:
- Email Address:
- Telephone Number:
- Vat Number:
- PO box:
- Company registration number:
- Business Address section with sub-fields:
 - Street Address:
 - Province:
 - City:
 - Zip Code:

At the bottom of the form, there are two buttons: "Add Client" (a light blue button) and "Cancel" (a dark blue button).



The screenshot shows a dialog box with a blue header bar containing the text "Confirm information" and a close button (X). The main body of the dialog box contains the text:

Please confirm that the details entered are correct?

At the bottom right of the dialog box, there are two buttons: "Yes" and "No".

1.13.2 Search Client

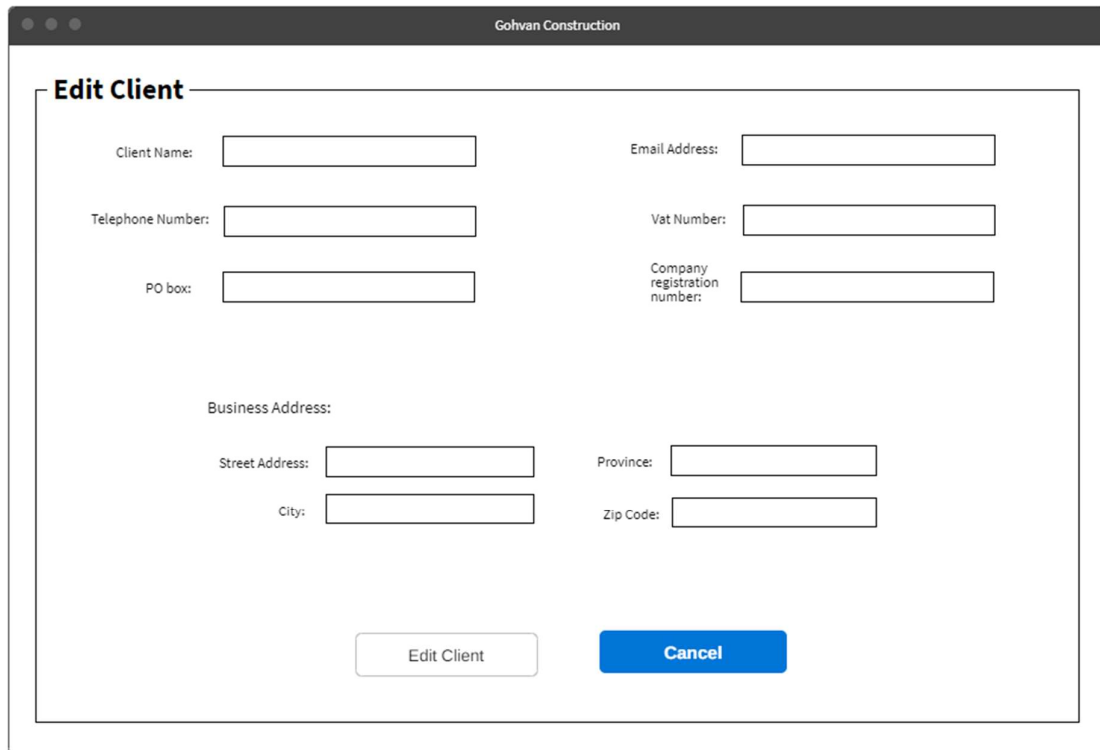
The screenshot shows a web application window titled "Gohvan Construction". In the top right corner, there are links for "Login" and "Logout". On the left side, there is a user profile for "Michael van der Walt" with the title "Director". Below the profile is a sidebar menu with options: "Team", "Client", "Supplier", and "Report". The main content area is titled "Client" and features a search bar with a magnifying glass icon and a "Search" button. Below the search bar is a large text input field labeled "Client Name" with a pencil icon for editing.

The screenshot shows a detailed form for editing a client's information. The form is titled "Client Name" and contains several input fields:

- Telephone Number: 0394923920
- Email Address: Email Address@h.com
- PO box: PO box
- Vat Number: Vat Number
- Company registration number: 3892179242
- Business Address:
 - Street Address: 123 Street Address
 - Province: Gauteng
 - City: Pretoria
 - Zip Code: 0043

At the bottom of the form, there is a blue "Cancel" button.

1.13.3 Edit Client



Gohvan Construction

Edit Client

Client Name:

Email Address:

Telephone Number:

Vat Number:

PO box:

Company registration number:

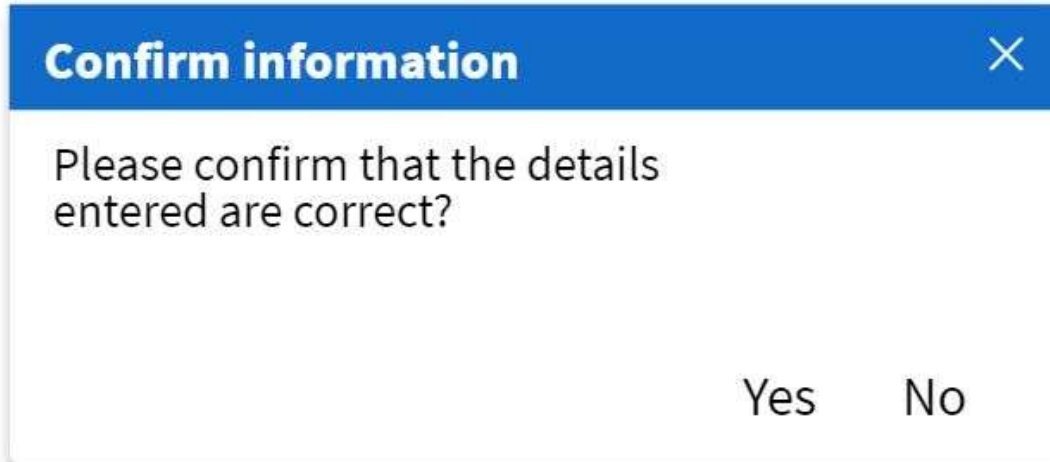
Business Address:

Street Address:

Province:

City:

Zip Code:



Confirm information ×

Please confirm that the details entered are correct?

Yes No

2. Complete Set of Prototype Screen Design – Mobile Platform

Introduction

2.1. Establishment Subsystem

2.1.1 Create TSS

Create Technical Site Survey

Select Site Type:

Survey Date:

Site Details

Site Name:

Distance:

BS Number:

Time Driving:

Project Number:

Quotation Date:

GPS coordinates:

Site Description:

Figure 143: 1.1 Create TSS Mobile screen - 1

Create Technical Site Survey

Pre-Approval

Site Drawings: ☒ CheckBox

Landlord approval obtained: ☒ CheckBox

CCA: ☒ CheckBox

EIA: ☒ CheckBox

BP approval obtained: ☒ CheckBox

Landlord details:

Special Conditions:

Figure 144: 1.1 Create TSS Mobile screen - 2

Create Technical Site Survey

Accommodation

Container: _____

Container Type: container other:

Container size: Container type size:

Container Paint: ☒ CheckBox Load Support:

Brick Cladding: Door direction:

Rock Finish: ☒ CheckBox

Notes:

Plinth: _____

Apron: ☒ CheckBox Plinth Type:

Plinth Size:

Figure 145: 1.1 Create TSS Mobile screen - 3

Create Technical Site Survey

Site Preparation details:

Groundwork: _____

Clear and Clean: ☒ CheckBox

other requirements:

Mast Details:

Mast: _____

Select Mast Type: _____

Select Mast Height: _____ other: _____

Mast accessories: _____

Navigation Light: ☒ CheckBox

Fall Areast: ☒ CheckBox

Mast Paint: ☒ CheckBox

Eviromental Adaption: _____ other: _____

Mast notes: _____

Figure 146: 1.1 Create TSS Mobile screen - 4

Create Technical Site Survey

RF Installation Details

Cable Management: _____

RF Cable on Tray:

RF cable On Tray: ☒ CheckBox

Cable Tray Type: other cable tray type: Lenght:

Bends: other Bends: Quantity:

Support Pole: ☒ CheckBox Quantity:

Mounting Type: Other:

Tray Covers: ☒ CheckBox Quantity: Cable Tray Painted: ☒ CheckBox

RF Sleeves:

RF Sleeves: ☒ CheckBox

Lenght:

Size:

Figure 147: 1.1 Create TSS Mobile screen - 5

Create Technical Site Survey

Electrical Details

AC supply:	<input type="text"/>	other:	<input type="text"/>
Power Available:	<input type="text"/>	Power Required:	<input type="text"/>
Generated required:	<input checked="" type="checkbox"/> CheckBox		
Cable Size:	<input type="text"/>	other:	<input type="text"/>
Cable Length:	<input type="text"/>	In-Site Cable Route:	<input type="text"/>
In-Site Cable Type:	<input type="text"/>	Other:	<input type="text"/>
In-Site Cable Route length:	<input type="text"/>	Consumption Meter required:	<input checked="" type="checkbox"/> CheckBox
Site Light Position:	<input type="text"/>		

Earthing Details:

Earthing Installation:	<input type="text"/>
Earthing Type:	<input type="text"/>
other:	<input type="text"/>

Figure 148: 1.1 Create TSS Mobile screen - 6

Create Technical Site Survey

Construction Details

Fencing: _____

Fence Details: Fence Type: other:

Fence Dimension: Surface Finish: Colour:

Additional Extras: Other:

Gate Type: Gate Opening Direction: Gate Dimension:

Site Security: _____

Locks required: ☒ Lock Type: Shackle Length:

Lock chain required: ☒

Notes:

Figure 149: 1.1 Create TSS Mobile screen - 7

Create Technical Site Survey

Construction Details

Site Access: _____

Clear Road: ☒ CheckBox

Access Road: other:

Road Suitability: Other:

Notes:

Site Signage: _____

HAZ 10 ID sign: ☒ CheckBox Other:

HAZ 29 Blue EMS: ☒ CheckBox

HAZ Yellow EMS: ☒ CheckBox

Notes:

Figure 150: 1.1 Create TSS Mobile screen - 8

Create Technical Site Survey

Construction Details

Risks Identified:

Site Photos: _____







Photo Name	
x	
y	
z	

Site Drawing: _____

No File Chosen

Figure 151: 1.1 Create TSS Mobile screen - 9

2.2. User Management Subsystem

2.2.1 Login

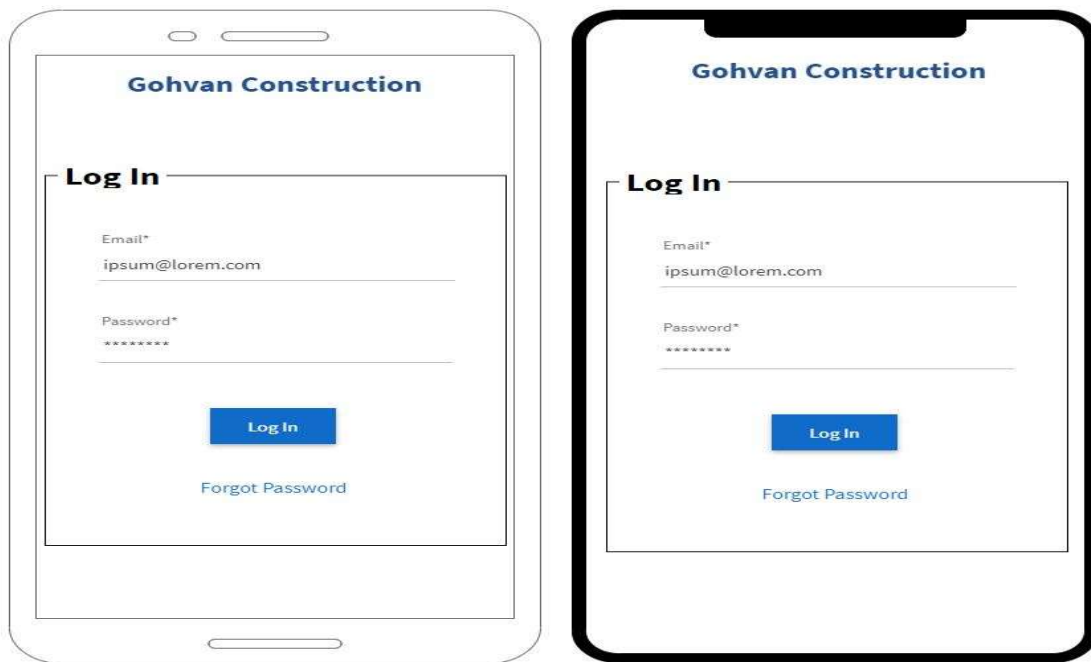


Figure 152: Mobile Login screen



Project Related documents

3. Sign-off by the Client

Introduction

This section serves as proof that the client has read through the deliverable presented and agrees with the content and work that has been provided

3.1 Client Sign off

Michael Van Der Walt
Director

By signing this document, the client verifies that the deliverable 4 and content provided within are acceptable, up to standard and in relates to the business solution proposed from the Project proposal.

Conclusion

This concludes the Client sign off section and the client signature is present indicating that the work is acceptable and relates to the business solution that was proposed.






4. Sign-off by team

Introduction

This section includes the sign off by all team members indicating that this is their own work.

4.1 Team Sign off

This section includes the sign off by all team members indicating that this is their own work

X	
Matthew Veltman u19050608	
X	
Michael Vosloo u19031174	
X	
Tshepang Mashao u19293675	
X	
Vincent Yu u15195059	
X	
Amore Rossouw u19052864	

Conclusion

By signing this document, the Team Paralineer Solutions acknowledges the document as a whole and signs off that all work presented is their own.

5. Complexity

Introduction

The complexity marks document indicates the level of complexity the proposed system for Gohvan construction will have and feature. All the required complexity marks listed must achieve a total score of above 150 points for a five-man team and must be maintained throughout the project lifecycle and finished product.

5.1 Complexity Matrix

Topic	Level		Marks MAX
1. Special GUI	For online applications: Responsive web design For desktop applications: Form design according to design principles (Schneiderman's golden rule on navigation applies here)	*	3
	Appropriate use of grids/tables		3
	Appropriate use of tabs/links		3
	Use of graphs in an appropriate business context		4
	The storage and display of graphical information, like photos with a good business reason		3
	Working e-mail automatically generated from the database in an appropriate business context		2
	SMS messages automatically generated from the system in an appropriate business context		2
	Extensive user-friendly search facility		3
	At least one use of a tree to display data from the database		3
	Able to dynamically modify a data tree structure and in doing so adjusting the data in the database		4
	At least one use of a calendar view of data (not a date/time picker; not a plug-in such as Google calendar)		3
	Uploading a file into the system with appropriate business reason		3
	The use of audio/video in an appropriate business context		3
	At least one use of an administrator configurable timer in an appropriate business context		3
			42
2. Database access	At least 30 tables used (4 member groups) or 40 tables used (5 member groups)	*	6
	Full referential integrity on all tables	*	6
	At least one use of master-detail table relationships (Schneiderman's golden rule on system status applies here)	*	3
			15
3. Reports	At least 3 simple list reports in a reporting tool (no control breaks, no graphs, single table)	*	3
	At least 2 transactional report with 2 or more control breaks (with heading and calculated values/totals, multiple tables)	*	6
	At least 1 report with adjustable criteria		3
			15

	At least 1 management report using a graph		3	
4. Flexibility	All data that can change in future should not be hard coded but maintained in a sub-module of the system (e.g. Lookup tables)		6	12
	Some business rules are not hard coded but maintained in a sub-module of the system.		6	
5. Error handling	All system-generated errors are trapped, and consistent, user-friendly error messages are displayed		6	12
	Appropriate data validation on all input fields		6	
6. Help	At least one menu item or other control that opens up a complete help document (HTML, PDF, Help-file)		3	15
	Extensive context-sensitive help. E.g. calling Help on a specific screen/function will automatically open the specific help for that screen/function.		6	
	Search Facility on Help		3	
	Extensive use of hints		3	
7. Security	Logon screen with user ID and password and fixed user profiles		3	13
	Applying two factor authentication with applicable business reason.		3	
	Encrypted passwords in database	*	1	
	Flexible user profiles (i.e. you can dynamically add user profiles that will enable/disable access to certain parts of the system)		6	
8. Audit Trail	An audit trail of all transactions in the system showing at least date, time, user, transaction type, critical data (such as amount and quantity of transaction)		6	9
	Able to search the audit trail on any of the following: date, user, transaction type		3	
9. Deployment	For a desktop application: Fully functional installation disks that take care of application installation requirements (install and uninstall)		3	15
	For an online application: Deployment of application to a publicly accessible web server		3	
	For a mobile application: Deployment to an App Market place (such as the PlayStore or the AppStore)		6	
	Deployment of the database to a remote database server		3	
10. Backup and Restore	A backup and restore subsystem exists that backup/restore all data (system may exit during restore)		3	3
11. Import/Export Data	Able to open Word or Excel and automatically place data in it based on the parameters provided (with a good business reason)		6	9
	XML or JSON: At least 1 XML or JSON file for Importing or Exporting of data (with good business reason)		3	

External INPUT device	Simple Link to an external INPUT device using plug-and-play technology, such as a swipe card reader, bar code reader, etc. or a native component such as a QR reader, a GPS component, etc.		3	18
	Loose Link to an external INPUT device using device specific software. Data or images must seamlessly be stored in the database, but device specific software is visible to the user. (This could include a digital camera, scanner, voice recording device, thumb print reader, etc.)		6	
	Tight Link to an external INPUT device using device specific software. Data or images must seamlessly be stored in the database, but device specific software is not visible to the user. (This could include a digital camera, scanner, voice recording device, thumb print reader, etc.)		9	
External APPLICATION / Services	Integrate an existing web service into your application (with good business reason)		3	9
	A fully functional link to an installed external application system exists and the interface must be shown to work on the external system. Note that this excludes Microsoft Office Applications		6	
Multiplatform processing for an appropriate business reason	Appropriate business use of static views on an alternative platform.		3	27
	Appropriate use of dynamic views on an alternative platform (i.e. data is displayed from the system's database)		3	
	Appropriate use of substantial dynamic views on an alternative platform (i.e. both reading and writing data from the system's database)		9	
	Uploading a file through an alternative platform onto the system's database.		3	
	Substantial processing on a third platform (i.e. both reading and writing data from the system's database)		9	
Programming Principles	The use of a data layer to facilitate interaction between your database and your business layer		3	12
	The use of an API to facilitate interaction between your business layer and your presentation layer		6	
	Comprehensive use of stored procedures and/or triggers and/or jobs.		3	
Innovative addition to the system	Any very advanced innovative addition to the system (e.g. machine learning, AI, block chain, text mining, IOT, etc.)	#	1 - 9	9

Maximum Complexity Marks 222

Total Calculated Complexity Marks 171

Conclusion

This concludes the complexity mark section for Team 7 which has been filled out as to the sections we can complete with this current system design.

Deliverable Conclusion

Paralinear solutions has created this document containing, input descriptions and hands it over as the final submission for the INF 370 deliverable 4 Appendix A submission.