



Orion User Manual

Original Vision Systems

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1. Introduction

Welcome to the Orion User Manual.

First, we would like to thank you for choosing our product and hope you will have a pleasant experience. This manual contains all the essential information needed for the user to make full use of the program, it contains descriptions of all the system functions and capabilities, contingencies and alternate modes of operation, and step-by-step procedures for system access and use, there is also the use of graphics for ease of use.

What's covered?

This manual will cover the following:

- All of the system's nine subsystems
- Detailed explanation of system functions
- Possible errors in specific system functions
- All general errors that are possible
- How to get help in the system
- Detailed explanation of all screens in the system
- Detailed explanation of all reports generated by the system
- Explanation of the backup and restore procedure
- Explanation of how the on-line HELP function could be activated or used

2. Contact Information

1.1 Introduction

In this section we provide the contact details for future help with the system. There is an option where you can contact one of the members of Original Vision Systems. Questions may be answered and will be given clarity on any functionalities in the system.

1.2 Contact Information

Contact the team if you require any queries, concerns or information about the system.

Simishka Dasupan	+27 67 124 4237	u18031880@tuks.co.za
Bongani Nkomo	+27 62 715 7091	u19232812@tuks.co.za
Pride Mkhabela	+27 81 816 9597	u18073639@tuks.co.za
Chase Nel	+27 82 563 8990	u19054743@tuks.co.za
Matome Mabitsi	+27 65 924 9377	u18216740@tuks.co.za

1.3 Conclusion

This section now contains all the contact details of the Open Vision Systems Team members

3. System Implementation Procedure

3.1 Introduction

The System Implementation Procedure is described here for the User Manual

3.2 Hardware and Software requirements

3.2.1 Hardware Requirements

- A mobile Device running iOS/Android operating system
- A laptop/Desktop computer with a compatible browser and operating system Microsoft Windows 10 or later
- Microsoft SQL Server Database
- Note: All device needs an internet connection

3.2.2 Software Requirements

- 500GB hard drive disk (More with be recommended)
- 4GB RAM (8GB RAM would be recommended)
- Intel Core i5 Processor (2.5Ghz)

3.3 Implementation Procedure

- Orion system is an online system and therefore requires no installation. Once can access the system online by using the following URL: <https://> It also requires one to login with valid credentials.
- The sampling system mobile application is an online system and therefore requires no installation.

3.4 Conclusion

The system implementation procedures were described here for the User Manual.

4. Backup and restore

This option was not selected on the complexity matrix by the Open Vision System team for their Orion system.

5. Controls

5.1 Introduction

The controls of the Orion system are listed and described here for the User Manual.

5.2 General Controls

Main Controls

Descriptions	
Menu Item	The menu item is the list of items displayed on the left-hand side of the screen. This allows quick and easy navigation between pages. When referred to, the name of the specific menu item will be disclosed. Some items have an arrow displayed next to it, which indicates that more pages are available under the item. These can be accessed by clicking on the item.
Textbox	Textboxes can be used to enter specific information
Dropdown list	Dropdown list contains information stored in the database. They provide more than one option where the user can choose the needed information from.
Table	A table displays information stored in the database. The columns in the table can be filtered with the use of the filter functionality.
Tabs	Details are displayed on the same screen, just in different tabs. It sections the information begin shown into separate tabs
Labels	Labels are disable controls. They are just there to provide information and no changes can be made to them.

5.3 Conclusion

The controls of the Orion system were listed and described here for the User Manual.

6. Help Function

6.1 Introduction

The help functionality of the Orion system is explained and described upon here for the User manual.

6.2 How to get help

6.3 Conclusion

The help functionality of the Orion system was explained and described upon here for the User Manual.

7. System Functionality

7.1 Introduction

This section will contain the explanation and display of the systems controls and functionality for the Orion system.

7.2 System Functionalities

1. User Subsystem

1.1 Login

This function requires the user to enter the login details which are: Username and Password. The user enter username and password and after those details have been validated , the user will get access to the Orion System and be directed to different pages depending on the user role

Login

1

User Name

Enter your User Name

2

Password

Enter Your password

3

4

5

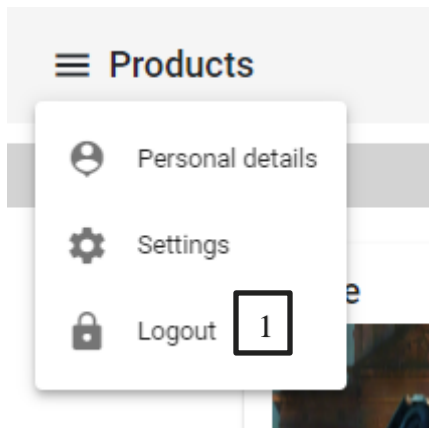
Item number	Item name	functionality
1	Username textbox	Click here to enter the user's username.
2	Password textbox	Click here to enter the user's password.
3	Log in button	Click the log in button to be redirect to either Browse Products if the user is a customer and if the user is an employee get directed to an employee page and lastly if the user is a manger get directed to manager home page
4	Forgot password button	Click the reset password button if you have forgotten the password to be redirected to reset password screen

5	Register Customer button	Click register button if you want to register as a customer and the OVS system will redirect to Register customer page
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1.2 Reset Password

1.3 Logout

The aim of this function is to log out and return to the login screen. The logout button is located in the hamburger menu item on the top left. The user must click on the menu item. The user must then proceed to click the “Logout” button. The user will then be logged out of the system.



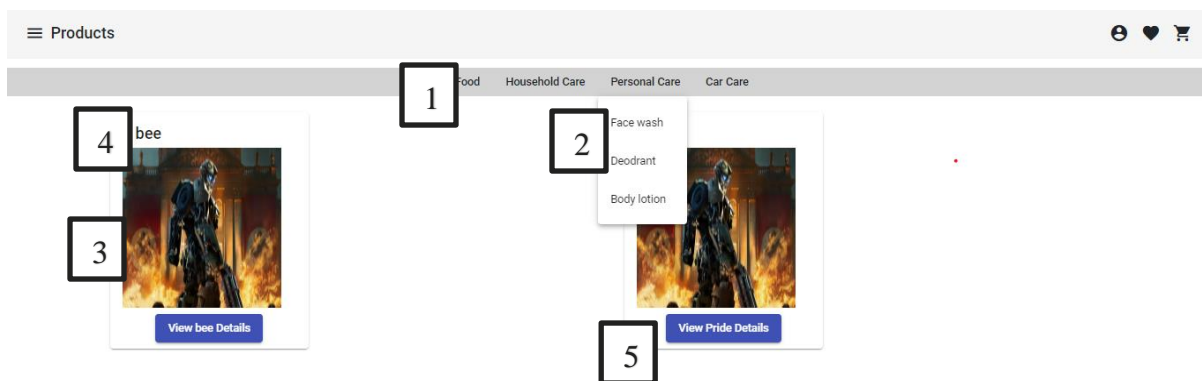
Name	Description
Logout Button	Clicking this button would log the user out of the system

2. Customer Subsystem

2.1 Place order

2.2 Browse products

The function requires the manager to already have added products to the Orion System . The user can click on the Product Category which then product types will be displayed , the customer can then click on the desired product type and products will displayed belonging to that product type



Item number	Item name	functionality
1	Category button	Click on the category button to display the products type pop with all the product types belonging to that category
2	Product types pop-up with buttons	Click on the specific product type to filter the products or only display products that fall under that product type
3	Product Picture	Display product picture
4	Label : Product Name	Display product name
5	View Product details button	Click on button the Orion system will navigate the to View Product Details

2.3 View Product details

This function will be used to view the details for the products that were added by the manager, the user will click on the product to view the product details.

2.4 Add to cart

This function will be used to add items the customer wants to order to the cart, the customer has to view the products they want before they can add them to cart.

2.5 View Cart

2.6 Remove item from Cart

2.7 Empty Cart

2.8 Checkout

2.9 Make payment

2.10 Return Order

2.11 Add to Wishlist

2.12 View Wishlist item

2.13 Remove Wishlist item

2.14 Search order

2.15 View Order

2.16 Track Order

3. Employee Subsystem

3.1 Book Shift

The purpose of this function is to allow an employee to reserve a selected slot on the shifts schedule

Item number	Item name	Functionality
1	Shift Details Card	Details on the shift
2	Book shift button	Clicks on the Book shift button to reserve the slot as well as employee details on the Orion system
3	Cancel button	Click to cancel the operation

3.2 Search Customer

The purpose of this function is to display a customer's details from the customer records saved within the Orion system. The results will be displayed in a table

3.3 Edit Customer

The purpose of this function is to change or update a customer's details then save the changes to the orion system

3.4 Add customer

This function describes when the customer wants to register himself/herself on the Orion System in order to get all the functionality as a customer, such as placing an order, view previous orders.

Register Customer

1

Select Customer Type

2

Name

Your name

3

Surname

Your Surname

4

Cellphone Number

Your number

5

Date of Birth

yyyy/mm/dd

Your Date of Birth

6

Email Address

Your email address

7

Physical address

Your Physical address

8

Register

9

Cancel

Item number	Item name	Functionality
1	Customer type dropdown	Select a customer type
2	Customer Name Textbox	Enable customer to enter name

3	Customer Surname Textbox	Enable customer to enter surname
4	Customer Cellphone Textbox	Enable customer to enter cellphone
5	Customer date picker	Enable customer to pick date of birth of birth
6	Customer email address	Enable customer to enter email address
7	Customer Physical address textbox	Enable customer to enter physical address
8	Save Button	Click on save button for Orion system to save customer details and navigate user to add user page
9	Cancel button	Click on Cancel button for Orion System to navigate to Log in page

3.5 Search sale

The purpose of this function is to display results of existing sales from user given criteria, the results will be displayed in a table

3.6 Assign credit note

The purpose of this function is to give credit to a customer who has return goods on a sale or order

3.7 Search Quotation

The purpose of this function is to display results of existing quotes from user given criteria, the results will be displayed in a table

3.8 Accept/Reject Quotation

The purpose of this function is to notify the system of whether a requested quote has been approved by the customer so it can be processed as a sale or whether the customer has not given approval or rejected the.

3.9 Make Quotation

The purpose of this function is to create a quote of requested items from a customer, this document is printable

3.10 View for delivery

The purpose of this function is to view all the orders which the order status “Packed”

3.11 Pack Order

The purpose of this function is to selected placed order and view the item/s to be packed. The order status is then changed from ‘Placed’ to ‘Packed’

3.12 Assign order to delivery

The purpose of this function is to assign order with the ‘Packed’ order status to a driver to deliver them

3.13 Complete Delivery

The purpose of this function is to allow a driver to indicate that he/she has completed a delivery so it may be saved/ updated on the system

4. Admin Subsystem

4.1 Add user

This function describes when the manager / customer wants to add user on the Orion System. The user has to enter username and password which will be saved on the system to enable the user to access the system

Add User

1

User Name

Enter your User Name

2

Password

Enter Your password

3

Select User Role

4

Register

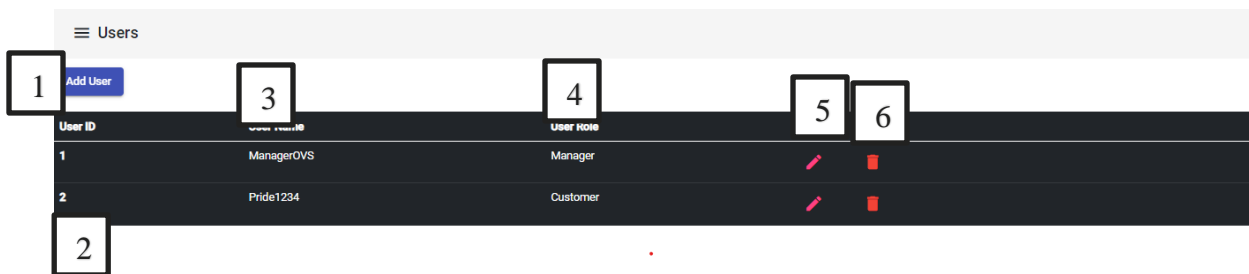
5

Go Back

Item number	Item name	Functionality
1	Username textbox	Click to enter username
2	Userpassword textbox	Click to enter userpassword
3	Select User role drop down	Click to select the user roles
4	Register button	Clicks on the register button to save user details on the Orion system
5	Go Back button	Clicks on the Go Back button to navigate back

4.2 Search user

This function is when the manager wants to view the users in the system. The system will display the users in a table with the following



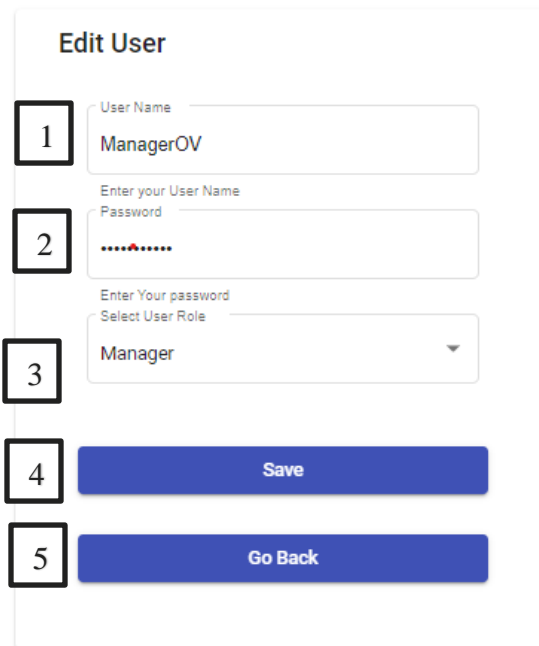
Item number	Item name	Functionality
1	Add user button	Click on the add user button to navigate to the add user page
2	User ID Column header	Display the number of users
3	Username column header	Display the usernames
4	User Role	Display the user role names
5	Edit icon	Click on the edit icon button to navigate to the edit page for the user
6	Delete icon	Click on the delete icon button to delete the selected user , the Orion system will refresh the page

4.3 Remove user

The purpose of this function is to delete a user record from the system. This function is only available for managers

4.4 Edit user

This function is when the manager or even the customer wants to edit user details. This happens after the edit icon has been clicked



The screenshot shows a web form titled "Edit User". It contains the following elements:

- 1**: A text input field for "User Name" containing the text "ManagerOV".
- 2**: A text input field for "Password" with masked characters (dots).
- 3**: A dropdown menu for "Select User Role" with "Manager" selected.
- 4**: A blue "Save" button.
- 5**: A blue "Go Back" button.

Item number	Item name	Functionality
1	Username textbox	Click to edit username
2	Userpassword textbox	Click to edit user password
3	Select User role drop down	Click to select the user roles

4	Register button	Clicks on the register button to save user details on the Orion system
5	Go Back button	Clicks on the Go Back button to navigate back

4.5 Open cash register

The purpose of this function is to allow the system to open the cash register

4.6 Close cash register

The purpose of this function is to have the user close the register

4.7 Define user permission/ access rights

The purpose of this function is to allow the manager to define the levels of access or restriction users have

4.8 Search shift

The purpose of this function is to display results of existing shifts from user given criteria,

4.9 Add shift

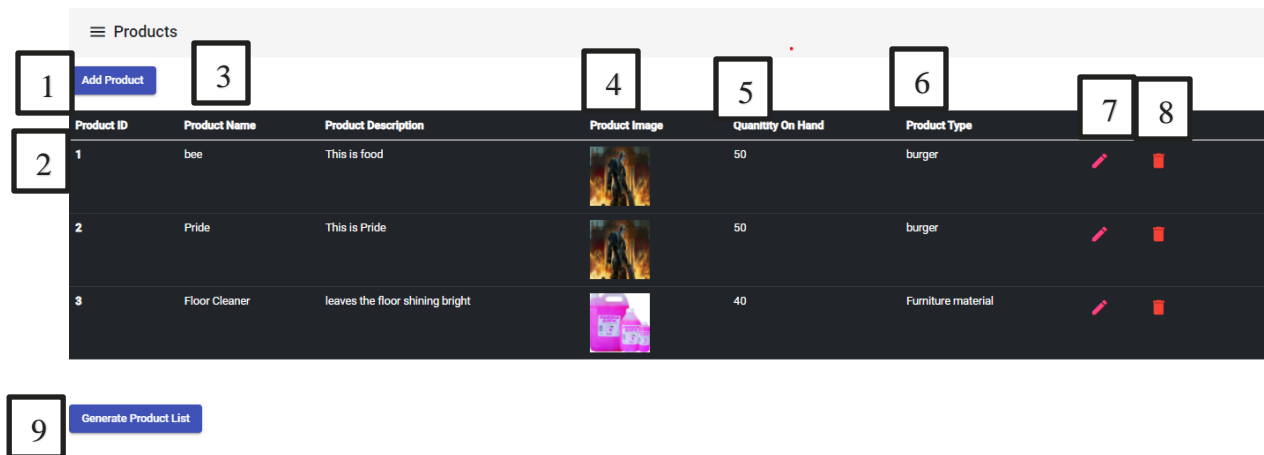
4.10 Edit Shift

4.11 Remove shift

5. Product Subsystem

5.1 Search product

The purpose of this function is to display all the products which have already been added on the Orion System.



Item number	Item name	Functionality
1	Add Product Button	Click to navigate to an add product page
2	Product ID column header	Specify all the products numbers below
3	Product Name column header	Specify the product names below
4	Product Image column header	Specify the product images below
5	Quantity on hand column header	Specify the product's quantity on hand
6	Product Type column header	Specify the product types below
7	Edit Icon (button)	Click the edit icon button to navigate to the edit product page
8	Delete icon(button)	Click the delete icon button to delete the product and refresh the page
9	Generate Product List	Click to print list of available products

5.2 Add product

The purpose of this function is to add a product to the Orion system. When adding a product the product type has to be selected in order to add that product to that product type.

Add Product

1

Product Name

2

Product Description

3

Quantity On Hand

4

No file chosen

5

Select Product Type

6

7

Item number	Item name	Functionality
1	Product name textbox	Click to enter the product name
2	Product description textbox	Click to enter product descriptions
3	Quantity on hand textbox	Click to enter the product quantity on hand
4	File input	Click to select product picture
5	Product type drop down select	Click to select product type
6	Save Product	Save to system
7	Cancel	Cancel operation

5.3 Edit product

The purpose of this function is to edit the product details. The Orion system will retrieve the product information that can be edited and save the changes to the product details.

Edit Prouduct

1

Product Name

bee

Product Name

2

Product Description

This is food

Product Description

3

Quantity On Hand

50

Quantity On Hand

4

Choose File

No file chosen

5

Select Product Type

▼

6

Save Product

7

Cancel

Item number	Item name	Functionality
1	Product name textbox	Click to edit the product name
2	Product description textbox	Click to edit the product descriptions
3	Quantity on hand textbox	Click to edit the product quantity on hand

4	File input	Click to select product picture
5	Product type drop down select	Click to select product type
6	Save Product	Save to system
7	Cancel	Cancel operation

5.4 Delete product

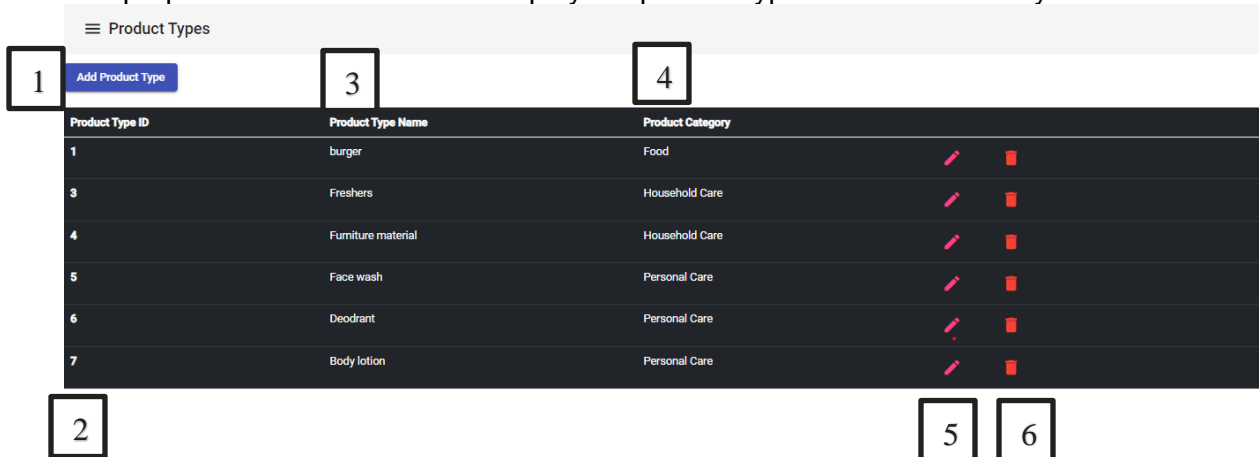
5.5 Manufacture/Package product

5.6 Do stock take

5.7 Transfer stock

5.8 Search product type

The purpose of the function is to display the product types from the Orion system.



The screenshot shows a web interface for 'Product Types'. At the top, there is a header with a hamburger menu icon and the text 'Product Types'. Below the header, there is a blue button labeled 'Add Product Type' (callout 1). To the right of the button, there are two empty input fields (callout 3) and a dropdown menu (callout 4). Below these elements is a table with three columns: 'Product Type ID', 'Product Type Name', and 'Product Category'. The table contains seven rows of data. To the right of the table, there are two columns of icons: a red pencil icon for editing and a red square icon for deleting. Below the table, there are two more input fields (callout 2) and two more dropdown menus (callout 5 and callout 6).

Product Type ID	Product Type Name	Product Category
1	burger	Food
3	Freshers	Household Care
4	Furniture material	Household Care
5	Face wash	Personal Care
6	Deodrant	Personal Care
7	Body lotion	Personal Care

Item number	Item name	Functionality
1	Add Product Type Button	Clicks on the add product type button to navigate to the add product type page

2	Product type id column header	Display the number of product types
3	Product type name column header	Display the product type names
4	Product Category Column Header	Display the product Category names
5	Edit (pencil) icon	Click on the edit icon to navigate to the edit product type page
6	Delete icon	Cick on the delete icon to delete

5.9 Add Product type

The purpose of this function is to add product type to the OVS system. The manager has to select the product category , then click the text box with enter product type to be added within that product category. Click Save Button to save the Product Type

Add Product Type

1

Select Category

2

Product Type Name

Product Type Name

3

Save Product Type

4

Cancel

Item number	Item name	Functionality
1	Select Product Type drop down	Click drop down to select the Product Category
2	Product Type Textbox	Click textbox to enter product type
3	Save Product Type button	Click on the save product type button to save the product type. Button is enabled after a product category is selected and product type has been entered
4	Cancel button	Click cancel button to navigate to the view product types page

5.10 Edit product type

The purpose of this function is to enable the manager to edit the product type. The manager will have to select the product category and then edit the text on the product type ,then click the save product type button to save changes.

Edit Product Type

1

Select Category
Household Care

2

Product Type Name
Floor cleaner

3

4

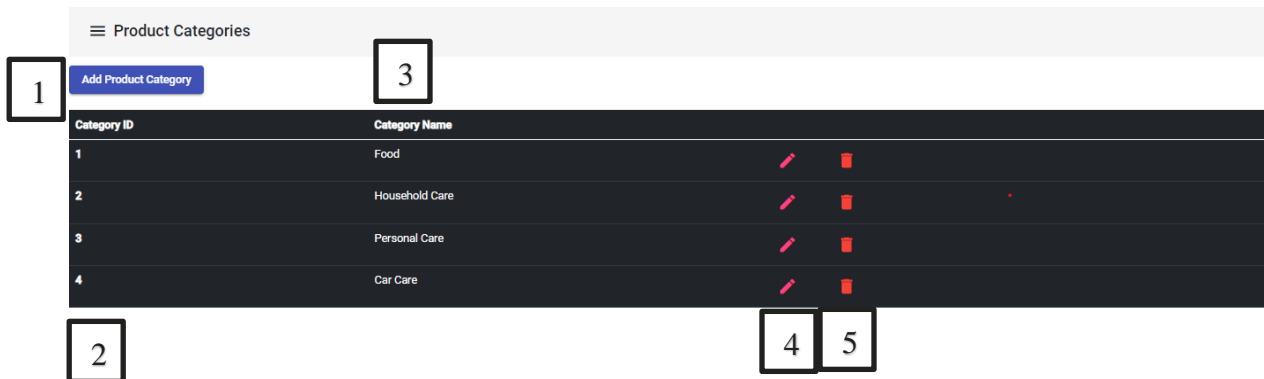
Item number	Item name	Functionality
1	Select Product Type drop down	Click drop down to select the Product Category
2	Product Type Textbox	Click textbox to enter updated product type name
3	Save Product Type button	Click on the save product type button to save the product type. Button is enabled after a product category is selected and product type has been updated

4	Cancel button	Click the cancel button to navigate to the view product types page
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5.11 Remove product type

5.12 Search product category

The purpose of this function is to display all the product categories in a table. The product categories can be edited by clicking on the pencil icon which will navigate the manager to the edit Product Category page and can also delete the product category by clicking on the bin/trash icon



Item number	Item name	Functionality
1	Add Product Category button	Click the add product category button
2	Product Category ID column header	To show column rows for all the product IDs
3	Product Category Name	To show the column rows with all the product category names
4	Pencil icon (button)	Click on the pencil icon button to navigate to the edit product category page
5	Trash/bin icon (button)	Click on the trash/bin icon button to delete the product category

5.13 Add product category

The purpose of this function is to add product categories to the Orion System . The system will display the following Add product Page

Add Product Category

.

1

Category Name
Product Category Name

2

3

Item number	Item name	Functionality
1	Product Category Textbox	Click on the Category text box to enter a new product category
2	Save Category button	Button is enabled after a product category has been entered on the textbox. Click on the button to save
3	Cancel Button	Click button to navigate back to manager back

5.14 Edit product category

The purpose of this function is to allow manager to update the product category. The manager will enter the updated product category then click save to save the changes

Edit Product Category

1

Category Name

Personal Care

Product Category Name

2

Save Category

Cancel

3

Item number	Item name	Functionality
1	Product Category Textbox	Click on the Category text box to enter the updated product category name
2	Save Category button	Button is enabled after a product category has been entered on the textbox. Click on the button to save
3	Cancel Button	Click button to navigate back to manager back

5.15 Remove product category

The purpose of this function remove a product category from the system

5.16 Search raw material

The purpose of this function is to allow the manager to view all the raw materials on the Orion System

5.17 Add raw material

This function allow the manager to add raw material to the Orion system .Which can be used to produce new products

Add Raw Material

Raw Material Name

Raw Material Description

Raw Material Quantity

Item number	Item name	Functionality
	Raw material name textbox	Click to enter new raw material name
	Raw material description textbox	Click to enter raw material description
	Raw material quantity numeric up down	Click to select/enter raw material quantity
	Select unit drop down	Click to select unit for the raw material

	Save Raw Material button	Click save button after the raw materials details has been entered to save to the Orion System
	Cancel	Click to navigate to back to view all the raw materials

5.18 Edit raw material

The purpose of this function is to allow the manager to edit the raw material. Raw material will be saved after the details have been updated

Edit Raw Material

Raw Material Name

Raw Material Name

Raw Material Description

Raw Material Description

Raw Material Quantity

Raw Material Quantity

Select Unit

ml

Save Raw Material

Cancel

Item number	Item name	Functionality
	Raw material name textbox	Click to enter the updated raw material name
	Raw material description textbox	Click to enter the updated raw material description
	Raw material quantity numeric up down	Click to select/enter the updated raw material quantity

	Select unit drop down	Click to select the updated unit for the raw material
	Save Raw Material button	Click save button after the raw materials details has been updated to save to the Orion System
	Cancel	Click to navigate to back to view all the raw materials

5.19 Remove raw material

6. Reporting Subsystem

6.1 Generate weekly sales report

The purpose of this function is to create/generate a sales report which will capture all sales that were made from the company during the week entered. The function will then produce a report where the user will be able to view and download it

Weekly Sales

Sale Date: 18/06/2021

Date Today: 18/06/2021

Choose a week

2021/06/18 to 2021/07/01

Generate Report

Report

Sale	Date	Quantity
1	13/05/2021	6
1	29/06/2021	13

Save as PDF

Item number	Item name	Functionality
1	Weekly Sales label	The heading of the function to describe what will happen
2	Sale Date Label	A label to describe the date to which the sale was made
3	Date Today label	A label to describe the current date.
4	Choose a Week Label	A label to guide the user to choose the starting date.
5	Date picker for starting date	An input device that allows the user to choose a starting date.
6	Date Picker for ending date	An input device that allows the user to choose a ending date.
7	Generate Report button	A button used to generate the final weekly report,
8	Report label heading	A label to describe the report
9	A table with headings of Sale, Date and Quantity	A table that is used to describe the sales report that happened in the week entered in the date pickers.
10	Save to PDF button	A button used to generate a PDF of the report.

6.2 Generate monthly sales report

The purpose of this function is to a sales report which will capture all sales that were made from the company during the Month entered. The function will then produce a report where the user will be able to view and download it.

Item number	Item name	Functionality
1	Monthly Sales label	The heading of the function to describe what will happen
2	Month Label	A label to describe the month to which the sale was made
3	Date Today label	A label to describe the current date.
4	Choose a Week Label	A label to guide the user to choose the starting date.
5	Date picker for starting date	An input device that allows the user to choose a starting date.
6	Date Picker for ending date	An input device that allows the user to choose a ending date.
7	Generate Report button	A button used to generate the final weekly report,
8	Report label heading	A label to describe the report
9	A table with headings of Sale, Date and Quantity	A table that is used to describe the sales report that happened in the week entered in the date pickers.
10	Save to PDF button	A button used to generate a PDF of the report.

Monthly Sales

Month : June

Date Today: 18/06/2021

Choose a Date

2021/06/01 to 2021/06/30

Generate Report

Report

Sale	Date	Quantity
1	13/06/2021	6
1	29/06/2021	13

Save as PDF

6.3 Generate product list

This purpose of the function is to generate a list of products that a branch has/will sell.

Product List

Branch: Pretoria Branch

Product ID	Product Name	Description	Price
45675120	Bubble Bath	500g to 5L fabric softener	Price from R20
83564821	Fabric softener	1L to 25L fabric softener	Price from R30

Save as PDF

Product List

Branch: Pretoria Branch

Product ID	Product Name	Description	Price
45675120	Bubble Bath	500g to 5L fabric softener	Price from R20
83564821	Fabric softener	1L to 25L fabric softener	Price from R30

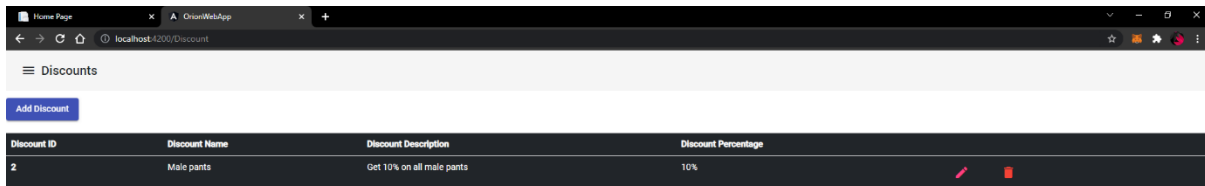
Save as PDF

Item number	Item name	Functionality
1	Product List heading	A heading for the product list
2	Branch label	A label that describes which branch we are generating the report from.
3	Product Table	A table with the columns of Product ID, Product Name, Description and Price, this table is used to capture all the products in a branch.
4	Save as PDF button	A button used to generate a PDF of the report.

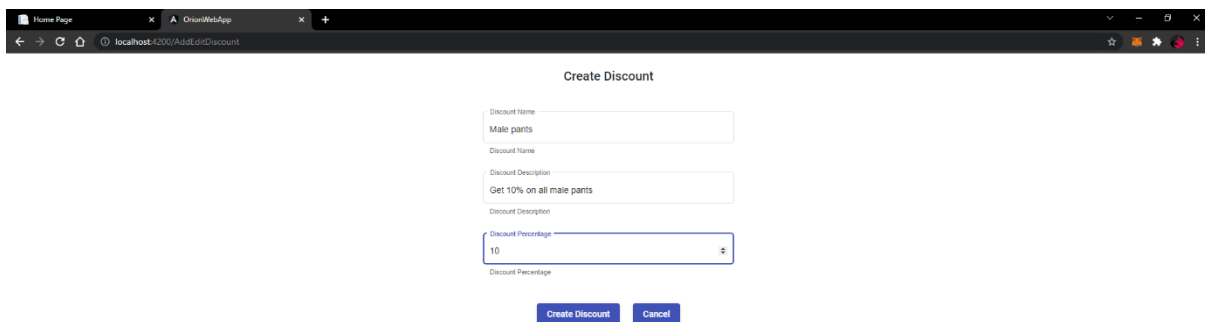
7. Settings Subsystem

7.1 Add discount

The purpose of this function is to add a record of discount that would then apply to future sales



Discount ID	Discount Name	Discount Description	Discount Percentage
2	Male pants	Get 10% on all male pants	10%



Create Discount

Discount Name
Male pants

Discount Name

Discount Description
Get 10% on all male pants

Discount Description

Discount Percentage
10

Discount Percentage

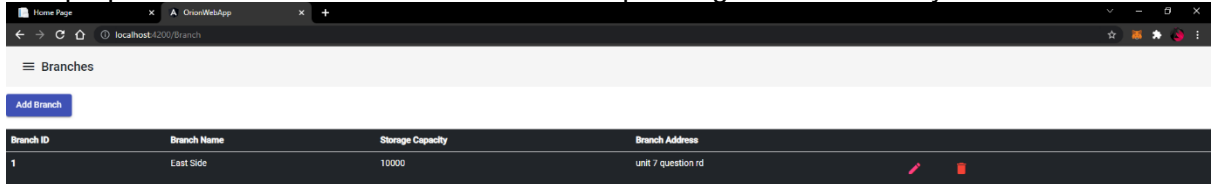
Create Discount Cancel

7.2 Edit discount

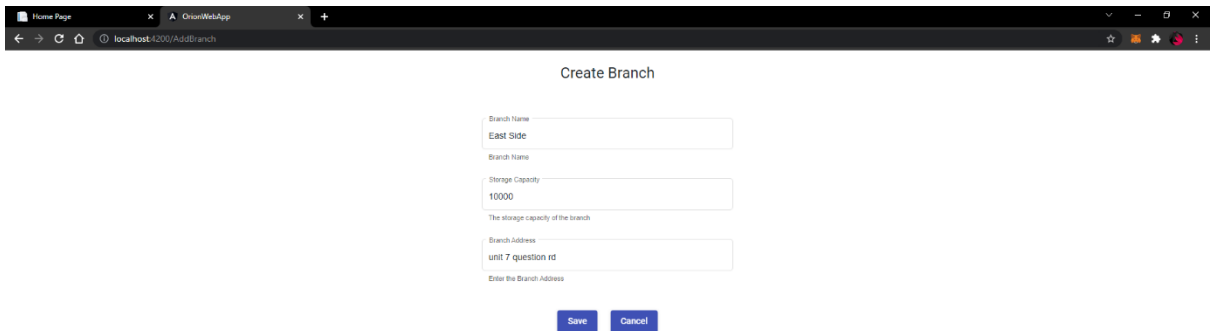
The purpose of this function is to edit the records of discount that are saved on the system

7.3 Add branch

The purpose of this function is to add the new operating branch to the system



Branch ID	Branch Name	Storage Capacity	Branch Address
1	East Side	10000	unit 7 question rd



Create Branch

Branch Name
East Side

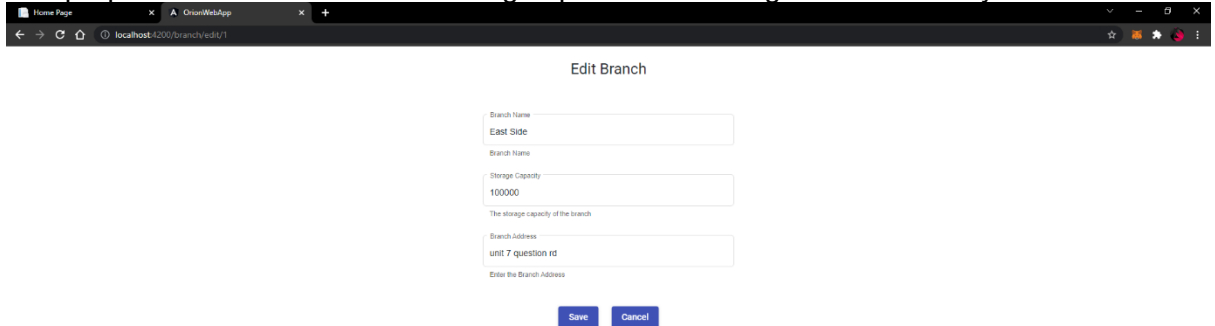
Storage Capacity
10000

Branch Address
unit 7 question rd

Save Cancel

7.4 Edit branch

The purpose of this function is to change/update an existing branch in the system



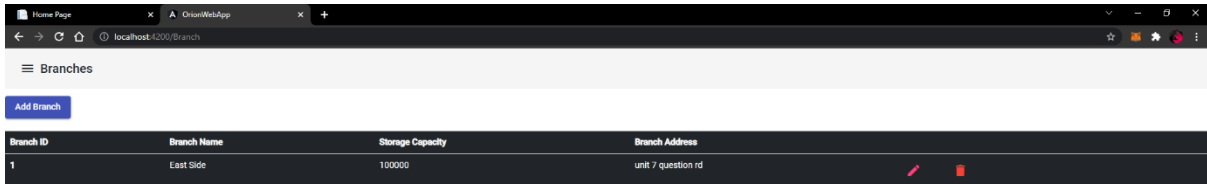
The screenshot shows a web browser window with the address bar displaying 'localhost:4200/branch/edit/1'. The page title is 'Edit Branch'. The form contains the following fields:

- Branch Name:** A text input field with the value 'East Side'.
- Storage Capacity:** A text input field with the value '100000'.
- Branch Address:** A text input field with the value 'unit 7 question rd'.

Below the input fields, there are two buttons: 'Save' and 'Cancel'.

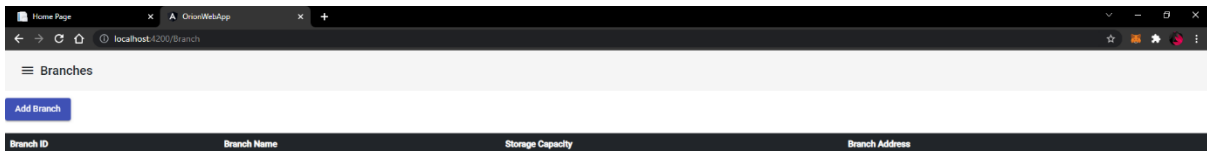
7.5 Remove branch

The purpose of this function is to delete the record of an existing branch



The screenshot shows a web browser window with the address bar displaying 'localhost:4200/branch'. The page has a header with 'Home Page' and 'CisionWebApp' tabs. Below the header, there is a 'Branches' section with an 'Add Branch' button. The main content area displays a table with the following data:

Branch ID	Branch Name	Storage Capacity	Branch Address
1	East Side	100000	unit 7 question rd



The screenshot shows the same web browser window as above, but the table is empty. The header and 'Add Branch' button are still present.

Branch ID	Branch Name	Storage Capacity	Branch Address
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7.6 Add payment type

The purpose of this function is to add a new form of payment to system that customers can use .

7.7 Edit payment type

The purpose of this function is to change or modify a method of payment that exists on the system

7.8 Delete Payment type

The purpose of this function is to delete or remove a method of payment that exists on the system

7.9 Add registers

The purpose of this function is to add new registers to the system to stored and saved

7.10 Edit registers

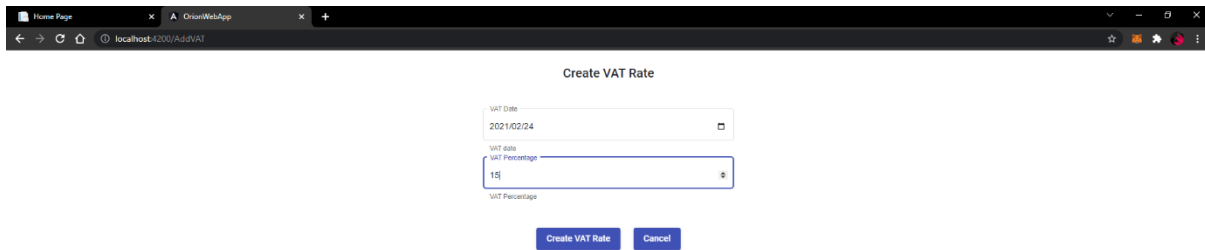
The purpose of this function is to manage or modify the registers that exist on the system

7.11 Remove registers

The purpose of this function is to delete the record of a registers that exists on the system

7.12 Add VAT rate

The purpose of this function is to be able to add VAT rates on the systems that can charged on the purchases



Home Page x OrionWebApp x +

localhost:4200/AddVAT

Create VAT Rate

VAT Date
2021/02/24

VAT Percentage
15

Create VAT Rate Cancel

7.13 Edit VAT rate

The purpose of this function is to be able to modify VAT rates on the systems that can charged on the purchases

7.14 Remove VAT rate

The purpose of this function is to be able to remove VAT rates that exist on the system

7.15 Search Branch

This function serves to show a list of branch results from search parameters denoted by user.

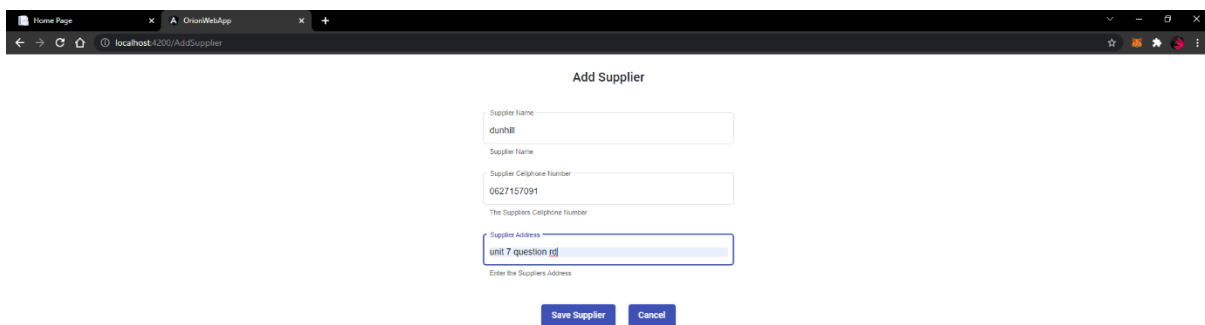
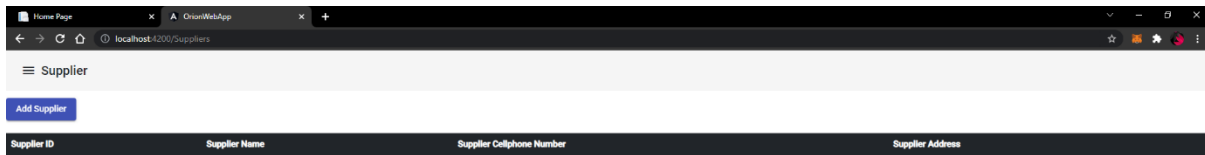
7.16 Search Payment Type

This function serves to show a list of payment type results from search parameters denoted by user

8.Supplier Subsystem

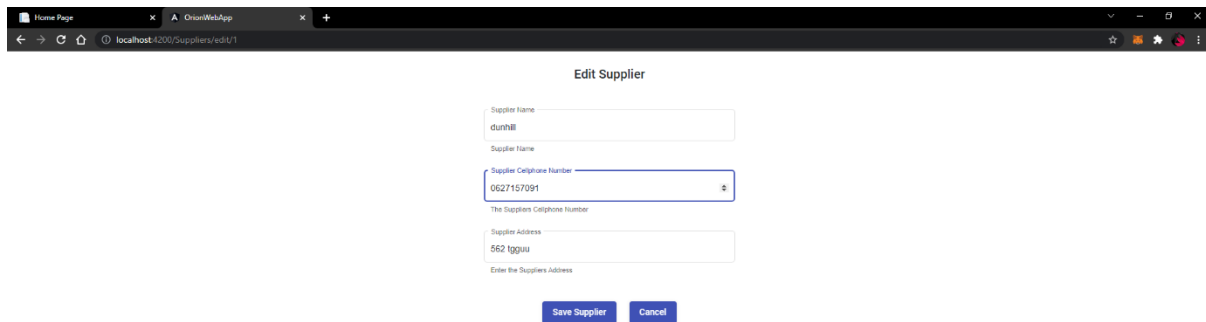
8.1 Add supplier

This function assists in the capturing and adding of a new supplier in the system.



8.2 Edit supplier

The purpose of this function to allow to change the saved details of a supplier if they change in future



The screenshot shows a web browser window with the address bar displaying 'localhost:4200/Suppliers/edit/1'. The page title is 'Edit Supplier'. The form contains the following fields and labels:

- Supplier Name:** A text input field containing the value 'dunini'.
- Supplier Name:** A label positioned below the first input field.
- Supplier Cellphone Number:** A text input field containing the value '0627157091'.
- The Suppliers Cellphone Number:** A label positioned below the second input field.
- Supplier Address:** A text input field containing the value '562 Igguu'.
- Enter the Suppliers Address:** A label positioned below the third input field.

At the bottom of the form, there are two buttons: 'Save Supplier' and 'Cancel'.

8.3 Search supplier

This function serves to show a list of suppliers as results from search parameters denoted by user

8.4 Place supplier order

This function allows for user to place supply order to replenish stock if levels are low. The supplier will respond on whether they can fulfill the order or not.

8.5 Search supplier order

This function serves to show a list of supplier orders as results from search parameters denoted by user

8.6 Cancel supplier order

This function will be used if the user wishes to cancel a supplier order which is longer needed

8.7 Return supplier order

This function allows the user to return products which might need to be returned with valid reasoning

8.8 Update supplier order

This function allows the user to modify an order by adding products which might needed

8.9 Receive Supplier order

This function allows for a user to revive a supplier order the system will display the receipt/invoice so a check can be performed on whether its complete

8.10 Place back order

This function allows for a user to place an order of goods or items that a supplier might not have at the time of the request.

9. Production Subsystem

9.1 Create Recipe

This function allows the user to create recipes which of two or more combinations that make up the composition of the whole product.

Add Recipe

Select Product to Create Recipe for

Recipe Name

Recipe Name

Recipe Description

Description of your recipe

Quantity Produced

Enter the Quantity Produced

Select Raw Materials to Create Recipe

Save Recipe

Cancel

9.2 Search Recipe

This function serves to show a list of recipes as results from search parameters denoted by user

9.3 Update Recipe

The purpose of this function is to be able to modify recipes on the systems

9.4 Delete Recipe

The purpose of this function is to be able to remove recipes on the systems

9.5 Create Job

The purpose of this function is to allows the user to create jobs and list tasks that are trackable in the production line

9.6 Edit job

The purpose of this function is to allows the user to modify and change jobs, and list tasks that are trackable in the production line

9.7 Remove job

This function gives the user the ability to remove job from the system

9.8 Search job

This function serves to show a list of jobs as results from search parameters denoted by use

9.9 Start job

The purpose of this function is to allows the user to start a job which gets the production line started

9.10 Finish job

The purpose of this function is to allows the user to end a job which ends the production line

8. Glossary

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9. Client Sign-off

This document states that a client signs to validate that s/he has read your materials and is in complete agreement with what you are doing for the deliverable mentioned below

Dear Client,

Many hours of learning, planning, practice, coding and execution go into being able to look at a company's current system and create a new system that depicts its quality, efficiency, effectiveness, and most importantly future direction. We do hope that you enjoy looking through our approach and what we have come up with based on what we were given from our requirements. All that is required, is that you review our approach, content and execution of Deliverable 8 and 9. Please call or email any team member mentioned above with any changes/alterations, questions or content concerns that you have during your review. When you completely agree with our approach, please sign the documentation below.

This sign-off formally states that:

I, Suniel Harangee
from BRH Chemicals

Approval Signature:

I have reviewed the Deliverable 8 and 9 content, understood the approach, and agrees with the content presented by the University of Pretoria students namely Simishka Dasupan, Bongani Nkomo, Pride Mkhabela, Chase Nel and Matome Mabitsi. I believe that, with my changes (discussed), the system is done according to the requirements given to the students, it is technically accurate and complete. I hereby give you approval to proceed with closing deliverable 8 and 9 as complete.

17-10-2021

Date



Signature