

COMP 2411 – Database System

Project

Group 27

# User Guide

## Members

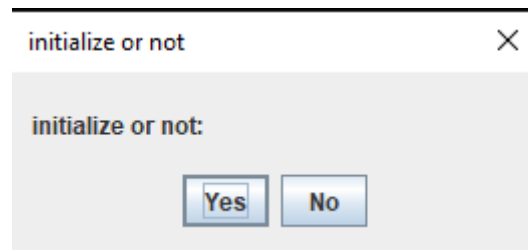
Tai Lee Na	22076162d
Yeung Tsz Lok	22076383d
Lo Long Chit	22083992d
Cheung Tsz Lok	22086794d
Lui Chun Hei	22092499d
Chong Kwan Chuen	22095087d

# Setup

**Requirement:**

**Running SQL of table and sample data given in the XXX folder in your own oracle data server in advance.**

While accessing the system, a pop-up window of giving option of initializing the system appear.

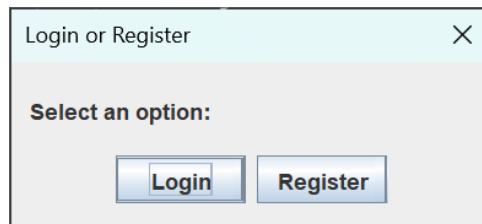


Please click “Yes” for setup, if this is your first time of opening the system

# Functionalities

## User Account Registration/Login

By the time the system launched, options for registration and login are given:



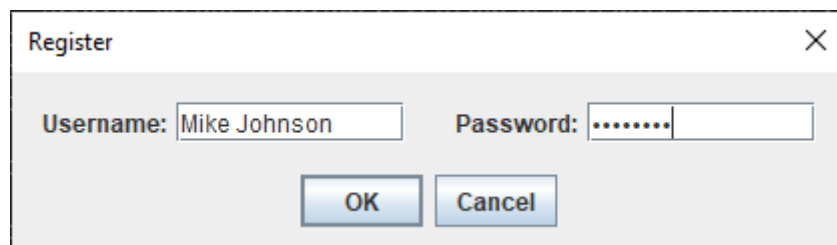
### Account Registration

For new customers accessing our Online Shopping System (OSS), customers are required to register a user account.

If user does not have account, "Register" will be the preferable choice.

Enter Username and Password as example demonstrates bd.

Click "OK" after you finish.

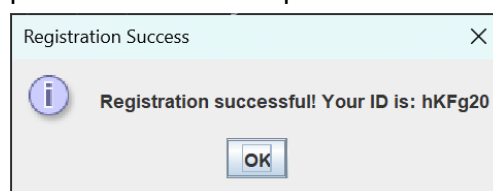


Notification of the result of registration returns after a request is made.

**\*Username must be unique. Therefore, a repeated username may cause registration fails."**

Once the request is accepted, the message of registration success returns your account is created.

Press "OK" to close the panel and continue operations.

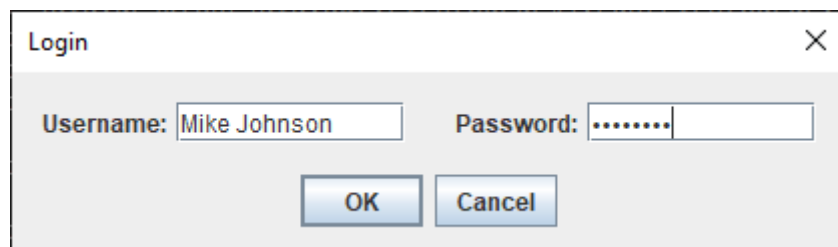


## Login

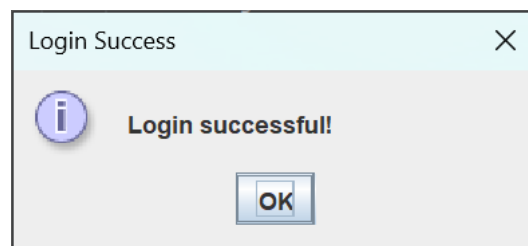
For customers, customers can access the shopping system after logging in their own accounts.

Customers are required to input the username and password to access their own accounts.

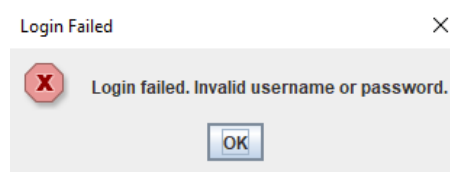
After entering the account information, press "OK" to continue.

A screenshot of a 'Login' dialog box. It has a title bar with the text 'Login' and a close button (X). The dialog contains two input fields: 'Username:' with the text 'Mike Johnson' and 'Password:' with masked characters '.....'. Below the fields are two buttons: 'OK' and 'Cancel'.

After sending a login request, a page will display the result of the login attempt. If the login is valid, a pop-up window of "Login successful!" will appear. To access the shopping system, click "OK" to continue.

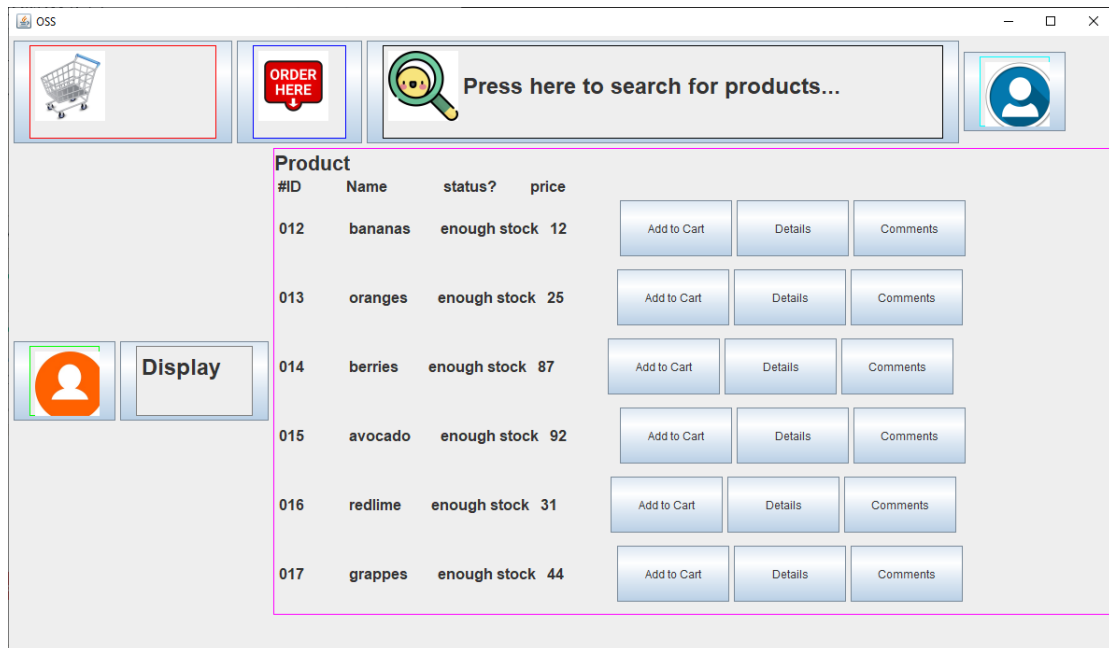


If you see the error message, it may be caused by an error input of the user name and password. If you are sure that the inputted value, it probably caused by the oracle server error. You may login again later.

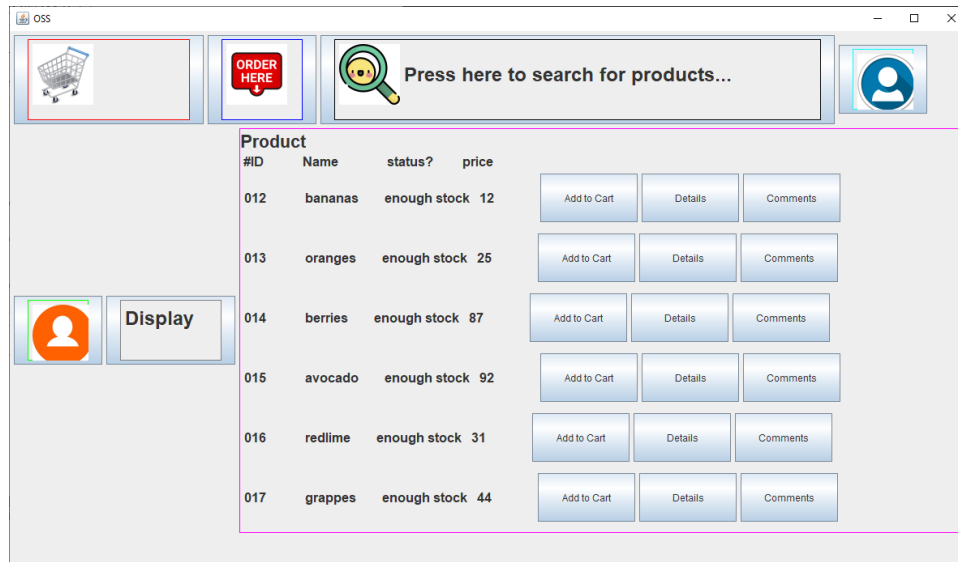


After logging in successfully.

The following page will open, which is the home page of the shopping system.



## Product Listings and Search



## Description of Home Page

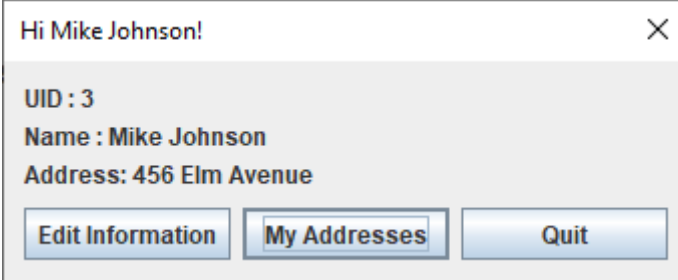
### Customer Page



- ① : User information page
- ② : Admin page information
- ③ : Cart
- ④ : Order
- ⑤ : Search

- ⑥ : Display Product List
- ⑦ : Add product to cart
- ⑧ : Detail of products
- ⑨ : Comments for products

## ① User Information Page

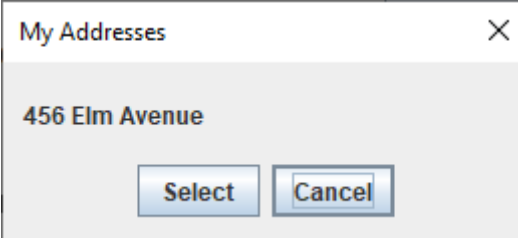
A dialog box titled "Hi Mike Johnson!" with a close button (X) in the top right corner. The main content area displays the following information: "UID : 3", "Name : Mike Johnson", and "Address: 456 Elm Avenue". At the bottom, there are three buttons: "Edit Information", "My Addresses", and "Quit".

Hi Mike Johnson!

UID : 3  
Name : Mike Johnson  
Address: 456 Elm Avenue

Edit Information My Addresses Quit

Users can view their own account information on the User Information Page.  
By clicking “My Addresses” button, users can check and select their shipping address of the current order.

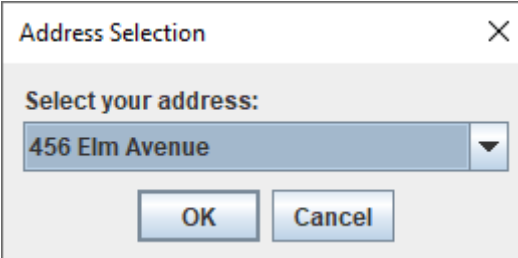
A dialog box titled "My Addresses" with a close button (X) in the top right corner. The main content area displays the address "456 Elm Avenue". At the bottom, there are two buttons: "Select" and "Cancel".

My Addresses

456 Elm Avenue

Select Cancel

For selecting the address, press “Select”.  
After pressing the button, a scroll down menu are given which show all possible options of the addresses.

A dialog box titled "Address Selection" with a close button (X) in the top right corner. The main content area displays the text "Select your address:" followed by a dropdown menu showing "456 Elm Avenue". At the bottom, there are two buttons: "OK" and "Cancel".

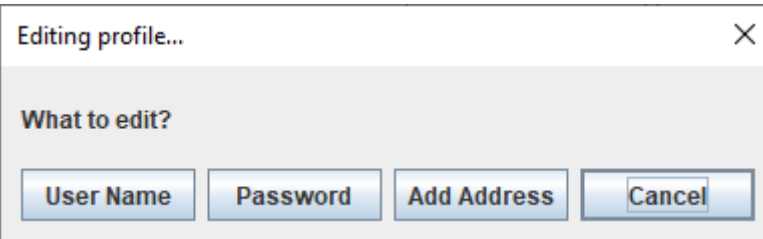
Address Selection

Select your address:

456 Elm Avenue

OK Cancel

After selecting the preferred address, press “OK” to finish the changing of address.  
Moreover, user can modify their account information, including username, password, and address on this page.

A dialog box titled "Editing profile..." with a close button (X) in the top right corner. The main content area displays the text "What to edit?". At the bottom, there are four buttons: "User Name", "Password", "Add Address", and "Cancel".

Editing profile...

What to edit?

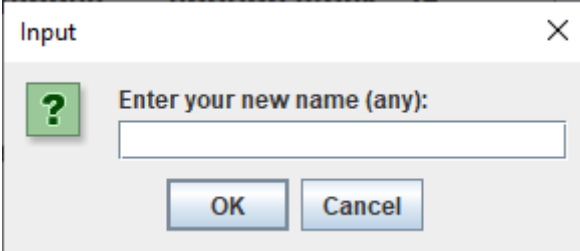
User Name Password Add Address Cancel

Click the corresponding button of the information you want to change.



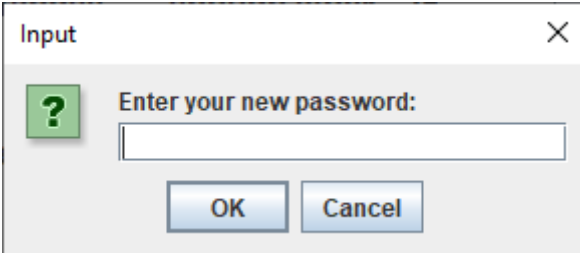
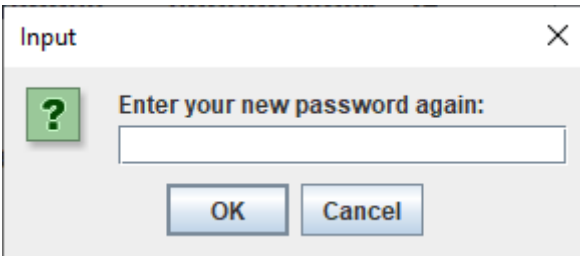
After clicking, a text box appears in the window.

Enter the wanted modification in the text box and press "OK" to send change request  
For edusername, users are reminded that request entered maybe refused since repeated name is not allowed.

A screenshot of a small application window titled "Input" with a close button (X) in the top right corner. Inside the window, there is a green square icon with a white question mark. To the right of the icon, the text "Enter your new name (any):" is displayed in a bold, black font. Below this text is a single-line text input field. At the bottom of the window, there are two buttons: "OK" and "Cancel", both with a blue gradient and white text.

For passwords, users are required to enter the password again after entering the wanted password.

This step is for confirmation of user not inputting wrong wanted password and causing user cannot access the shopping system furthermore.

A screenshot of a small application window titled "Input" with a close button (X) in the top right corner. Inside the window, there is a green square icon with a white question mark. To the right of the icon, the text "Enter your new password:" is displayed in a bold, black font. Below this text is a single-line text input field. At the bottom of the window, there are two buttons: "OK" and "Cancel", both with a blue gradient and white text.A screenshot of a small application window titled "Input" with a close button (X) in the top right corner. Inside the window, there is a green square icon with a white question mark. To the right of the icon, the text "Enter your new password again:" is displayed in a bold, black font. Below this text is a single-line text input field. At the bottom of the window, there are two buttons: "OK" and "Cancel", both with a blue gradient and white text.

For addresses, users that have not filled in address before are required to add a address before their first order, ensure appropriate deliver of product can be arranged after ordering.

Input

Enter your new address:

OK Cancel

## Cart

After clicking the shopping cart icon, the cart page appears.

The Cart page show the items added before, which user are going to purchase in the order.

Cart Products

#ID	Name	status?	price	Amount
Total: \$ 0				

I'll continue shopping Buy All Clear Cart

When user added products from the system, list of products will be displayed in this window.

Cart Products

#ID	Name	status?	price	Amount
2	Banana	19	0.99	4
7	Lemonade	20	1.29	1
Total: \$ 5.250000				

I'll continue shopping Buy All Clear Cart

After clicking "Buy All", user can choose what kind of payment methods he/she

would like to use to pay for the products added to the cart.

Payment Method

×

i

Choose your payment method

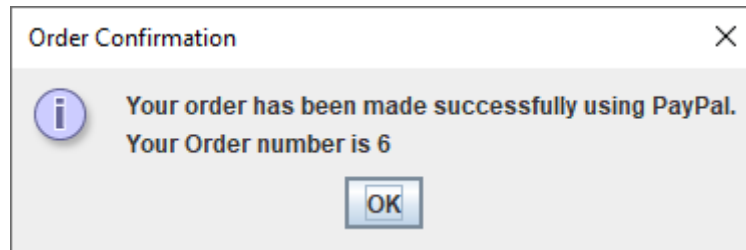
PayPal

PayMe

CreditCards

## 4 Order

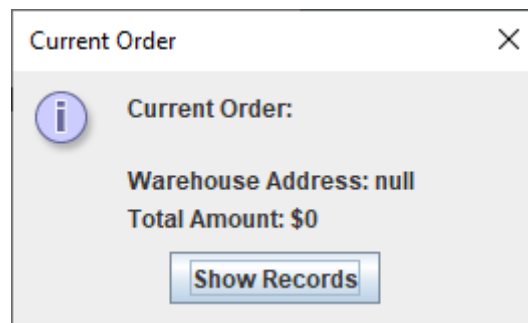
User can then check the Order number for the order he/she has paid for.



Users can trace the previous order from this panel.

By default, the most recent order is shown in this panel.

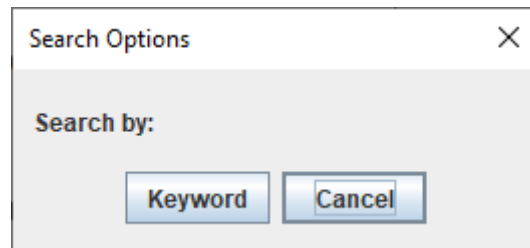
For reviewing previous orders, users can click on "Show Records".



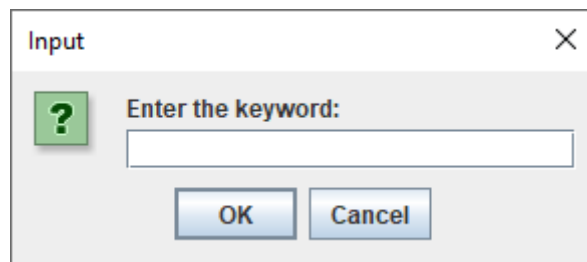
## 5 Search

Searching of products is implemented. Customers can find desired products via searching by keyword.

Click the upper button to enter searching window.



Click keyword to enter searching by keyword.




After entering the keyword related to the preferred products.


Press "OK" to operate the searching.


After operating the searching, products with name like the keyword are returned and shown in the product list.


Sample result after the user inputted "banana":


oss





Press here to search for products...





Display

Product

#ID	Name	status?	price	
012	bananas	enough stock	12	<div><div>Add to Cart</div><div>Details</div><div>Comments</div></div>

## ⑥Product List

Product				⑦←	⑧←	⑨←
#ID	Name	status?	price			
012	bananas	enough stock	12	Add to Cart	Details	Comments
013	oranges	enough stock	25	Add to Cart	Details	Comments
014	berries	enough stock	87	Add to Cart	Details	Comments
015	avocado	enough stock	92	Add to Cart	Details	Comments
016	redlime	enough stock	31	Add to Cart	Details	Comments
017	grappes	enough stock	44	Add to Cart	Details	Comments

Product lists show the information of available products.

It show the product's id, name, stock status, price in order.

## ⑦Add product to cart.

Add to Cart

?

Select quantity:

0

▼

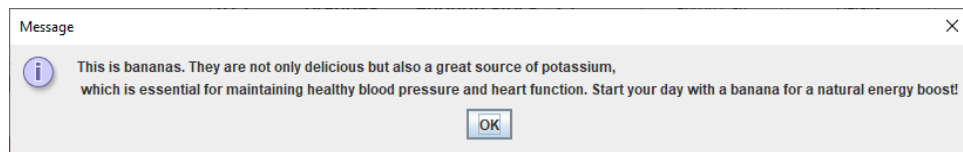
OK

Cancel

After clicking the “Add to Cart”, the pop-up window containing a scroll down menu for user choosing the quantity appear.

After choosing the quantity, click “OK” to add the product to shopping cart.

## ⑧Detail of product



After clicking “Detail”, a pop-up window giving detailed description, which provide a better vision for customers to the product, are shown.

⑨

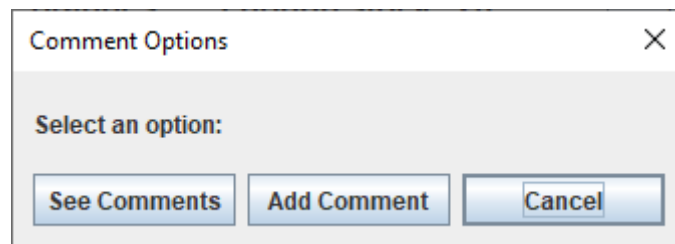
⑩

## Comments and rating

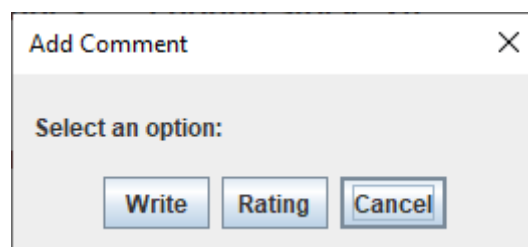
Each product have its own comments and rating, user are able to view and add by the page after clicking “Comments”

Click “See Comments” to see the comments and rating of the current product.

Click “Add Comment” to add a comment or rating for the current product.



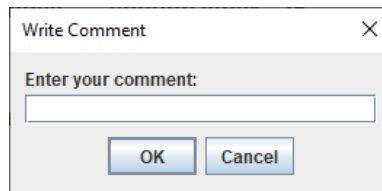
After clicking “Add Comment”, options of writing a comment or giving a rating are gives.



Click “Write” to write a text comment for the product.

Press “OK” after entering your comment to the product to add the comment.





A dialog box titled "Write Comment" with a close button (X) in the top right corner. It contains a text input field with the placeholder text "Enter your comment:". Below the input field are two buttons: "OK" and "Cancel".

Click "Rating" to give a rating to the product.

The rating is ranged from 1 to 5.

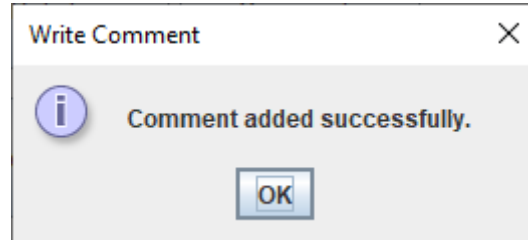
User can select the wanted rating from the scroll-down menu.

After selecting the rating, press "OK" to give rating to the product.



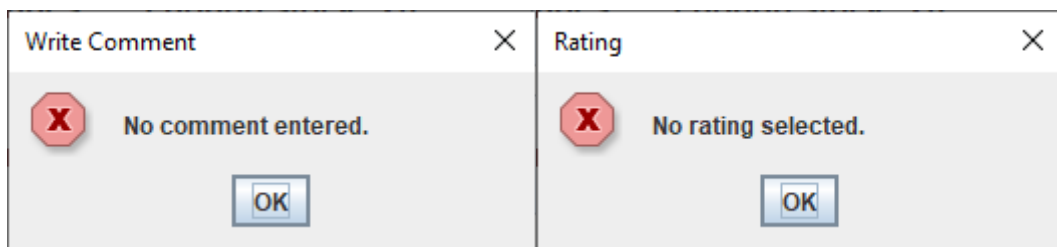
A dialog box titled "Rating" with a close button (X) in the top right corner. It contains a dropdown menu with the label "Select a rating:" and the value "1" selected. Below the dropdown menu are two buttons: "OK" and "Cancel".

A pop-up window indicating the result, show after request of writing comment or rating.



A dialog box titled "Write Comment" with a close button (X) in the top right corner. It contains an information icon (i) and the text "Comment added successfully.". Below the text is an "OK" button.

Users are reminded that null comment and none of rating being selecting are identified as a meaningless data which are not accepted by the system.

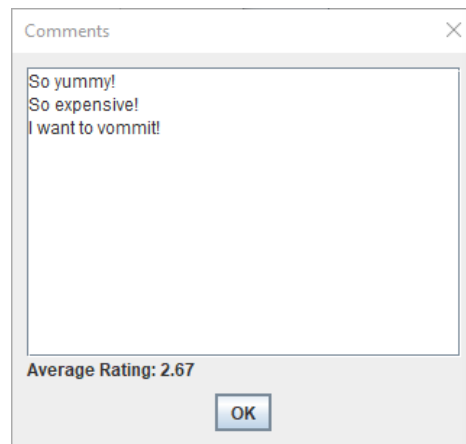


Two side-by-side dialog boxes. The left dialog box is titled "Write Comment" and contains a red octagon icon with a white 'X' and the text "No comment entered.". Below the text is an "OK" button. The right dialog box is titled "Rating" and contains a red octagon icon with a white 'X' and the text "No rating selected.". Below the text is an "OK" button.

A pop-up window shows after clicking "See Comment"

It shows the comments made by users before.

In addition, the average rating of the rating gave by users to the product are also shown in the window.



Moreover, if there are no comment, a pop-up window showing "No comments available" appear.

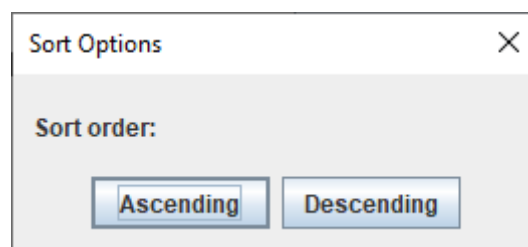


## Display all

Display products

Sort by price in either ascending and descending order.

Reminder search - > show part -> click display all -> ok



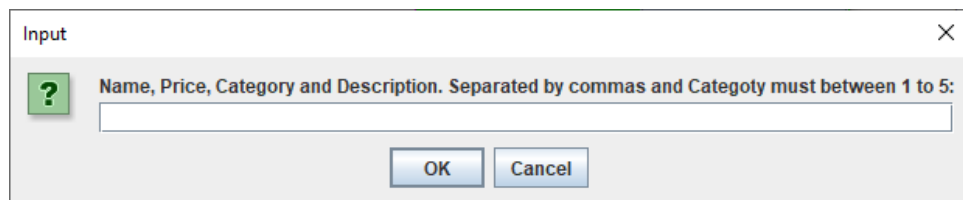
## System / Database manage

### Admin

Following functionalities are implemented within admin's homepage.



### Adding Products

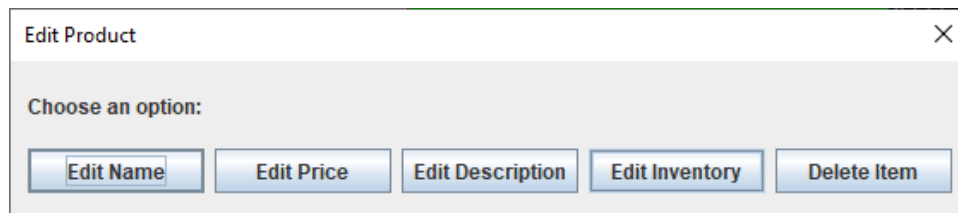


Admin are able to add a new product into the shopping database via the pop-up window appear after clicking "Add\_product".

To add a product to the database, admin user are required to enter the information of the product including name, price, category ID and description in a comma-separated text.

"Name,Price,Category Id,Description"

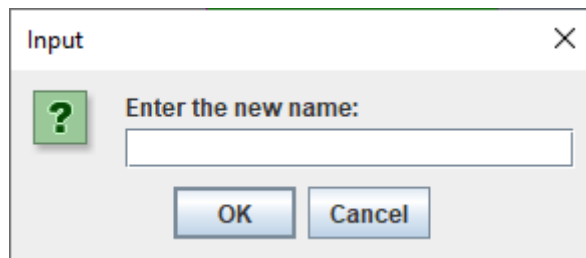
## Editing Products



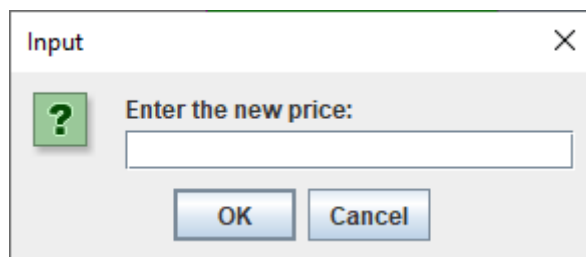
The 'Edit Product' dialog box features a title bar with a close button (X). Below the title bar, the text 'Choose an option:' is displayed. Underneath, there are five buttons arranged horizontally: 'Edit Name', 'Edit Price', 'Edit Description', 'Edit Inventory', and 'Delete Item'.

Function for editing current exist products are also implemented in the admin's page. A pop-up window appears after clicking the "Edit" buttons in the product list of admin's page.

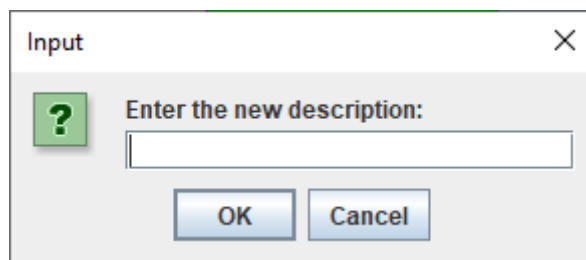
Options of "Edit Name", "Edit Price", "Edit Description", "Edit Inventory" and "Delete Item" are given.



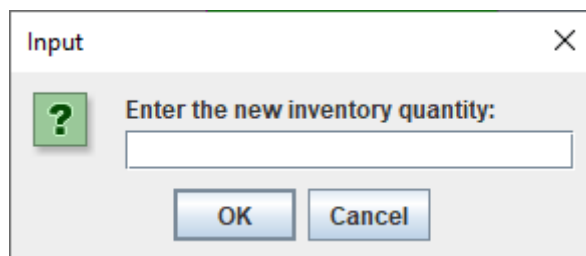
This 'Input' dialog box has a title bar with a close button (X). It contains a green square icon with a white question mark. To the right of the icon is the text 'Enter the new name:'. Below this text is a single-line text input field. At the bottom of the dialog are two buttons: 'OK' and 'Cancel'.



This 'Input' dialog box has a title bar with a close button (X). It contains a green square icon with a white question mark. To the right of the icon is the text 'Enter the new price:'. Below this text is a single-line text input field. At the bottom of the dialog are two buttons: 'OK' and 'Cancel'.



This 'Input' dialog box has a title bar with a close button (X). It contains a green square icon with a white question mark. To the right of the icon is the text 'Enter the new description:'. Below this text is a single-line text input field. At the bottom of the dialog are two buttons: 'OK' and 'Cancel'.

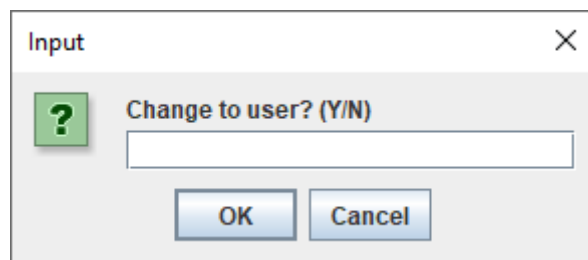


This 'Input' dialog box has a title bar with a close button (X). It contains a green square icon with a white question mark. To the right of the icon is the text 'Enter the new inventory quantity:'. Below this text is a single-line text input field. At the bottom of the dialog are two buttons: 'OK' and 'Cancel'.

For each property, enter the wanted change in the textbox and click “OK” to modify the property of the product,  
and for deleting item, the item is deleted in **customers’ view** once the button is clicked. **The item remains in admin’s view.**

For returning to normal users to take a better view as a customer while evaluating the UX of customers.

Clicking the user icon button on the top right corner show a pop-up window for returning.

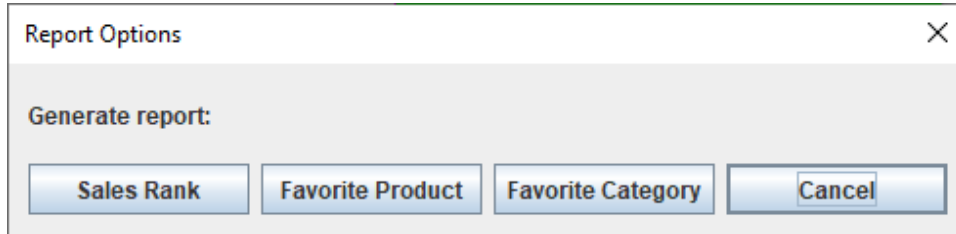


Input “Y” in the text box and press “OK” to return to the customers’ view.

## Reporting and Analytics

Admins can generate a report to gain a better vision of the market, evaluating performance, gaining audience insights, and supporting decision-making.

In the report following items are shown:



A dialog box titled "Report Options" with a close button (X) in the top right corner. Below the title bar, the text "Generate report:" is displayed. Underneath, there are four buttons: "Sales Rank", "Favorite Product", "Favorite Category", and "Cancel".

Sales Rank: ranking of product sales.

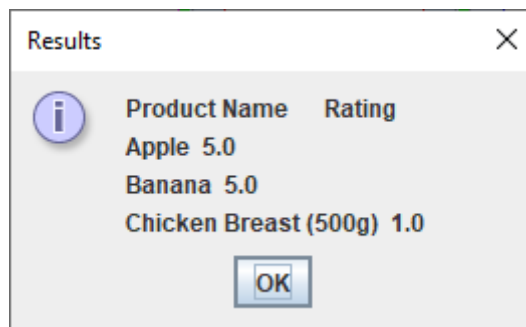


A dialog box titled "Results" with a close button (X) in the top right corner. It contains an information icon (i) on the left. The table has three columns: "Product ID", "Product Name", and "Amount". The data is as follows:

Product ID	Product Name	Amount
1	Apple	11
3	Orange	7
5	Watermelon	4
2	Banana	3

An "OK" button is located at the bottom right of the dialog box.

Favorite Product: ranking of products with refer to user rating.

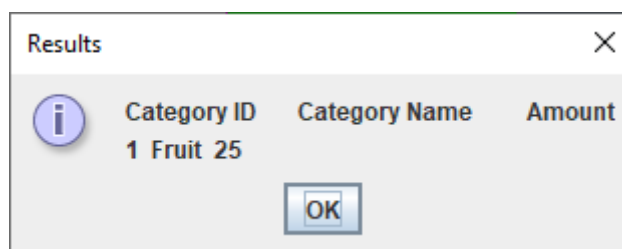


A dialog box titled "Results" with a close button (X) in the top right corner. It contains an information icon (i) on the left. The table has two columns: "Product Name" and "Rating". The data is as follows:

Product Name	Rating
Apple	5.0
Banana	5.0
Chicken Breast (500g)	1.0

An "OK" button is located at the bottom right of the dialog box.

Favorite Category: Most sales with refer to category.



A dialog box titled "Results" with a close button (X) in the top right corner. It contains an information icon (i) on the left. The table has three columns: "Category ID", "Category Name", and "Amount". The data is as follows:

Category ID	Category Name	Amount
1	Fruit	25

An "OK" button is located at the bottom right of the dialog box.