

Food-Box

Simplilearn CapStone Project
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PROJECT INTRODUCTION:

Food-Box is an e-commerce website for managing products in portal and selling Food Items to customers online.

In this document you can see the prototype of product operations for both page Admin and Customer interaction.

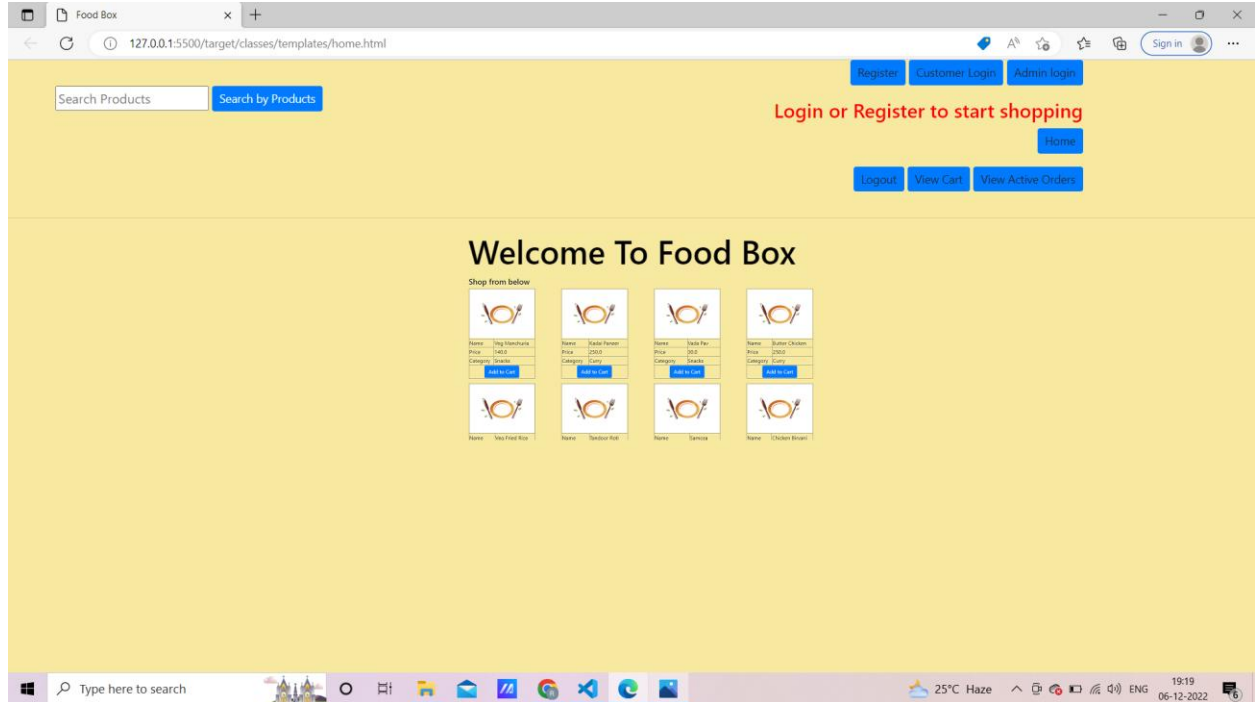
Admin Operations:

- **Admin Login:** which is authorised according to data in the database.
- **Change Password:** Admin needs to enter the old password to authorise.
- **Manage Products:** Add, Delete, Update Products.
- **Manage Customers:** View, Delete and Search Customers.
- **Manage Purchases/Orders:** View, Delete and Search Orders.

Customer Operations:

- Register
- Login
- Search Products
- Choose quantity and category
- Add Cart
- View Cart
- Pay and Buy Products
- View previous active orders.

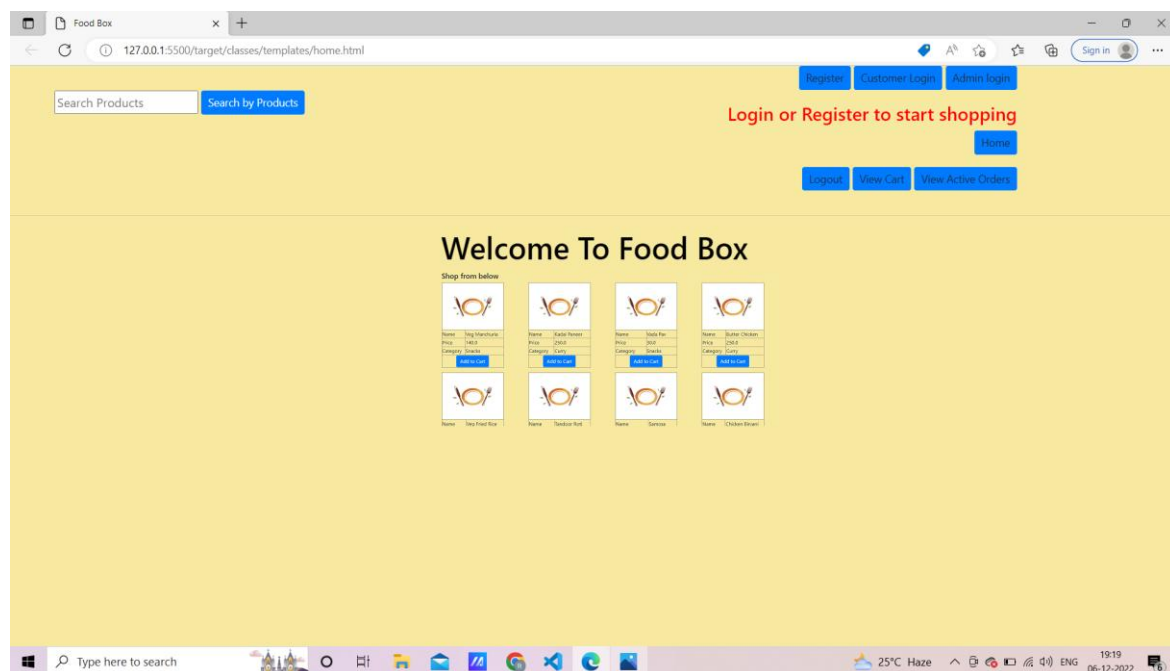
Home Page:



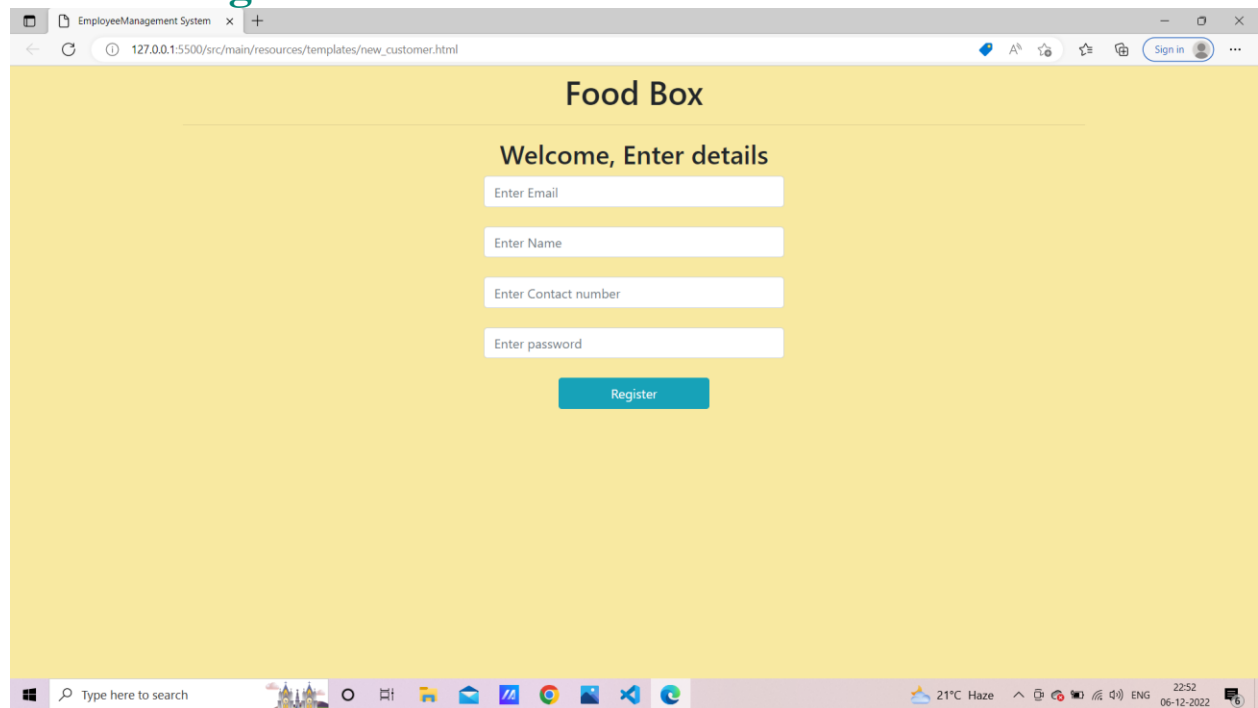
First we will look into Customer interactions:

Customer Interaction:

Customers need to Login or Register into website to start shopping. If a customer clicks on Add Cart without doing that A prompt will appear until Login or Register.

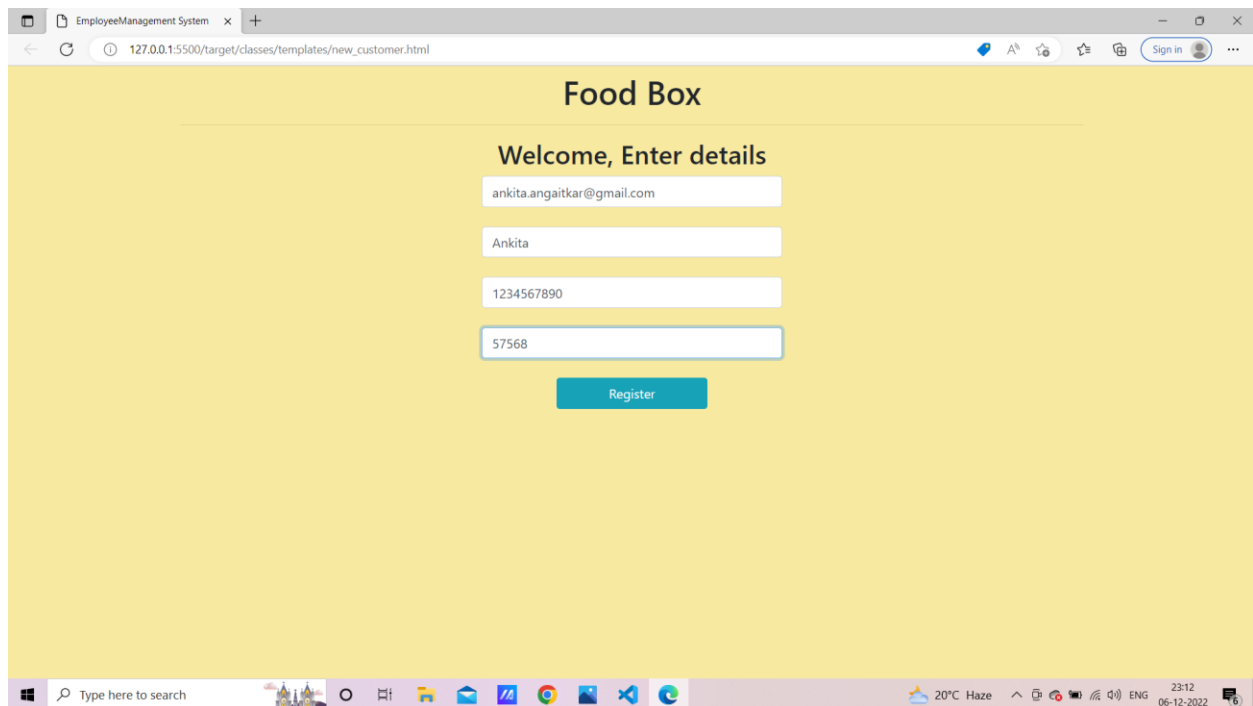


Customer Registration:



The screenshot shows a web browser window with the title "EmployeeManagement System". The address bar displays "127.0.0.1:5500/src/main/resources/templates/new_customer.html". The page content is titled "Food Box" and "Welcome, Enter details". It features four input fields: "Enter Email", "Enter Name", "Enter Contact number", and "Enter password". A blue "Register" button is positioned below the fields. The browser's taskbar at the bottom shows the Windows logo, a search bar, and various application icons. The system tray on the right indicates a temperature of 21°C, "Haze" weather, and the date "06-12-2022".

Customer need to enter email in the proper pattern. If not user will not be registered.

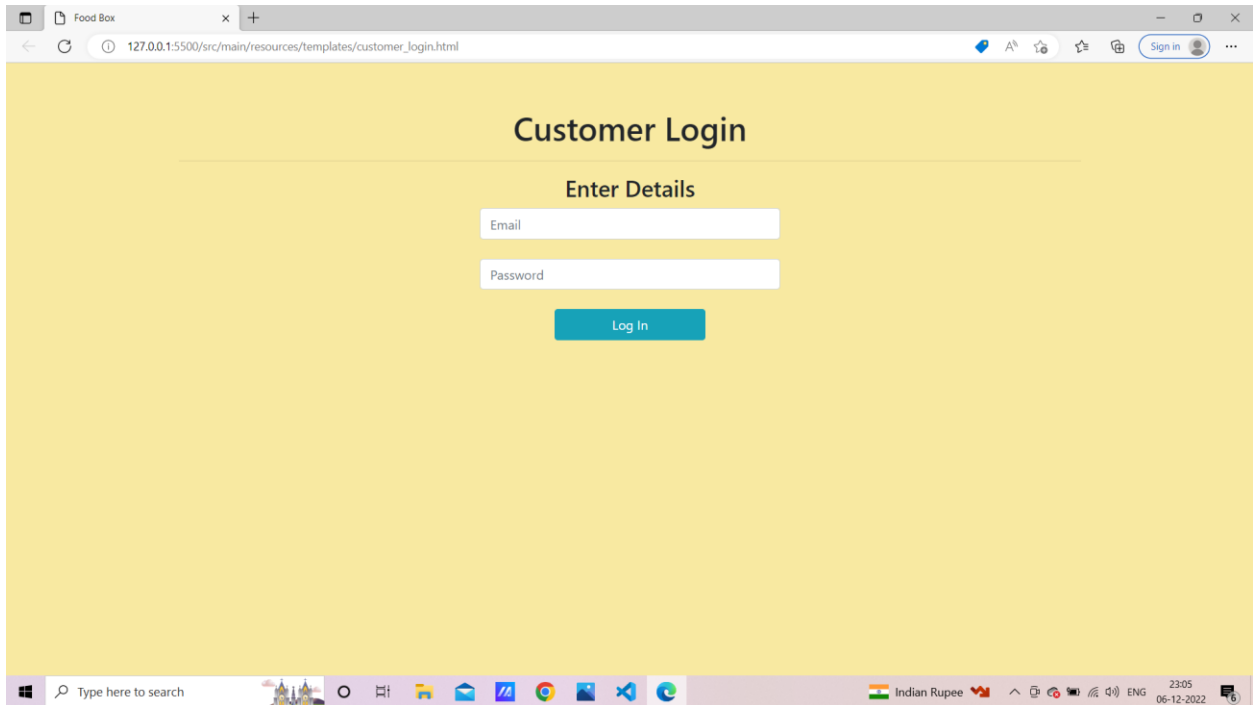


This screenshot shows the same "Food Box" registration form, but with sample data entered into the fields. The "Enter Email" field contains "ankita.angaitkar@gmail.com", the "Enter Name" field contains "Ankita", the "Enter Contact number" field contains "1234567890", and the "Enter password" field contains "57568". The blue "Register" button remains visible below the fields. The browser window and taskbar details are consistent with the previous screenshot, showing the same URL and system information.

After Successful registration Customer will be logged in straight and ready for shopping

Customer Login:

Login will also work in the same manner but user just need to enter credentials.



The screenshot displays a web browser window with a single tab titled "Food Box". The address bar shows the URL "127.0.0.1:5500/src/main/resources/templates/customer_login.html". The page content is a "Customer Login" form on a yellow background. The form is titled "Customer Login" and "Enter Details". It contains two input fields: "Email" and "Password", followed by a blue "Log In" button. The browser's developer tools are open, showing the "Sign in" button in the browser's address bar. The Windows taskbar at the bottom shows the search bar, task view, and various application icons, including File Explorer, Edge, and the Food Box application. The system tray shows the Indian Rupee symbol, network status, and the date and time "23:05 06-12-2022".

Note: Login will work if user already registered previously.

:

Search Products: Customer can Search products

Logout: Customer will be logged out and no longer can shop

View Cart: Items in cart for current session

View Active Orders: Previous active orders are shown by this button.

Add to Cart: Customers can add products to cart.

Customer List

No Customer found

Email	Name	Contact	Actions
a@gmail.com	A	12345678910	<input type="button" value="Delete"/> <input type="button" value="View Customer orders"/>
b@gmail.com	B	12345678910	<input type="button" value="Delete"/> <input type="button" value="View Customer orders"/>
c@gmail.com	C	12345678910	<input type="button" value="Delete"/> <input type="button" value="View Customer orders"/>
Rakesh@gmail.com	Rakesh Gondala	7766554433	<input type="button" value="Delete"/> <input type="button" value="View Customer orders"/>

Customer clicks on view cart or View Active orders and If no items found in for the list.

Welcome To Food Box

Shop from below

Currently no products for searched

Name	Veg Manchuria
Price	140.0
Category	Snacks

Name	Kadal Paneer
Price	250.0
Category	Curry

Name	Vada Pav
Price	30.0
Category	Snacks

Name	Butter Chicken
Price	250.0
Category	Curry

Search Products:

User can enter any keyword as input to search products:

If any products were not found prompt is displayed showing “Products not found” else products are displayed and ready to shop.

Welcome To Food Box

Shop from below

Name	Veg Manchuria
Price	140.0
Category	Snacks

Name	Vada Pav
Price	30.0
Category	Snacks

Name	Samosa
Price	10.0
Category	Snacks


Imagine Customer searching for “snacks”. So all snacks will be displayed.

Note: Now a Home button is displayed to go back to home with a full list of products.

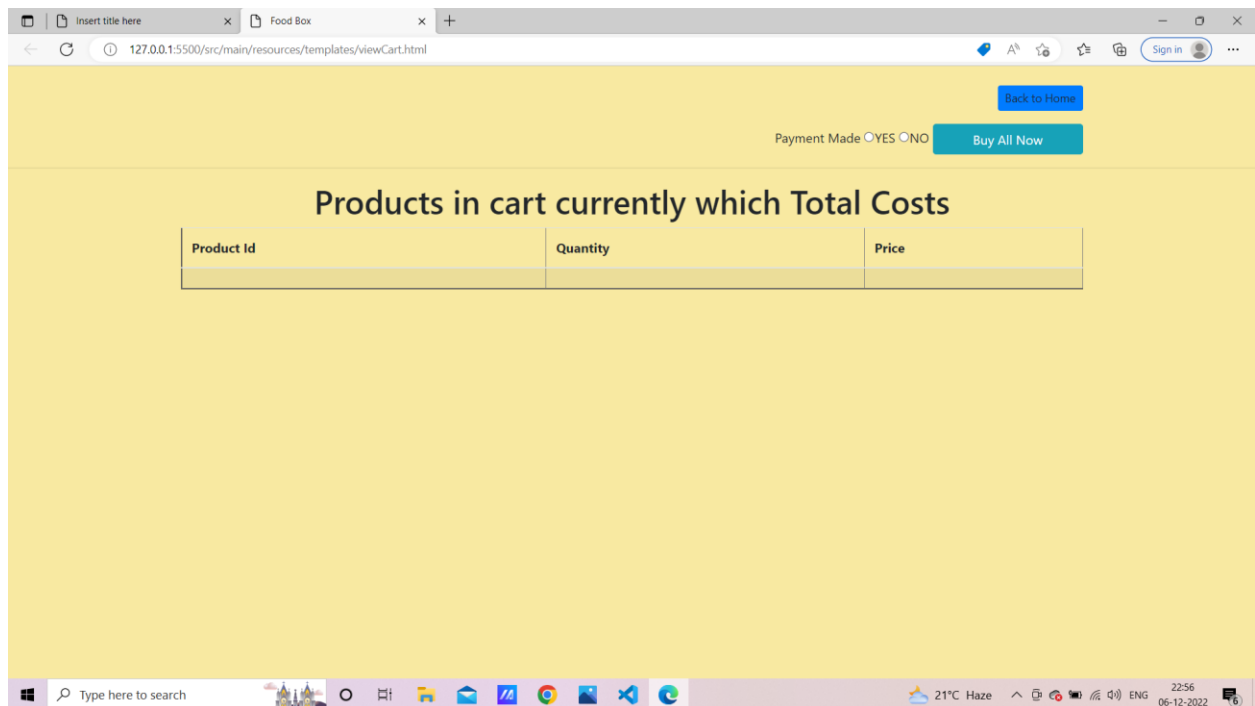
Add Cart:

If user clicks on Add to cart button. A new page is opened and customer needs enter quantity of food items

Add Product

Product	
Product Name	Butter Chicken
Price	250.0
Product Category	Curry
Required Quantity	<input type="text" value="1"/>
Add to cart	

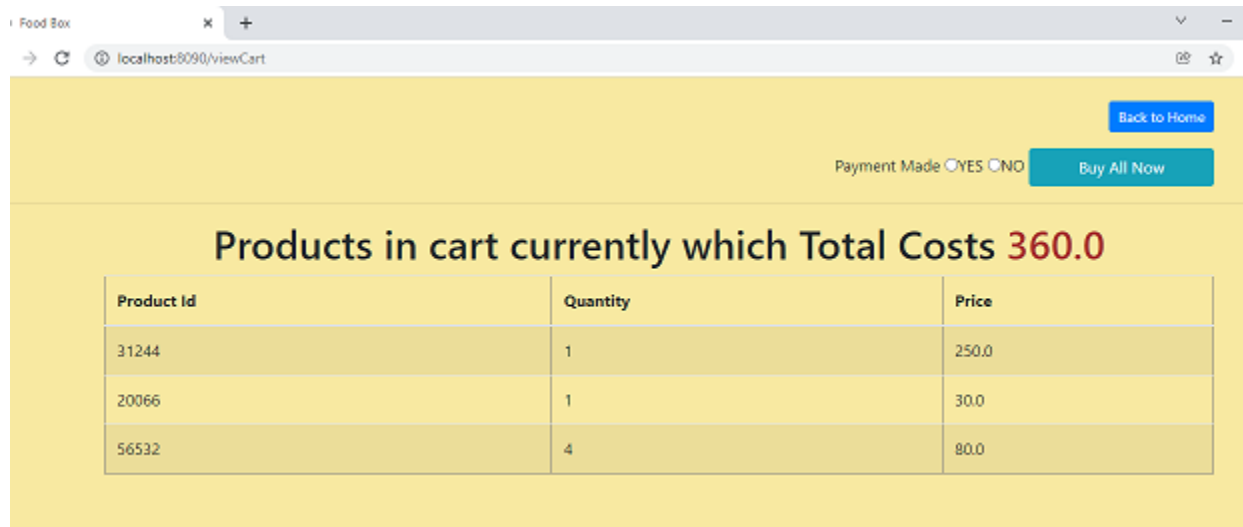
Now User needs to enter quantity then click on Add to Cart. then product is added to cart and redirected to homepage



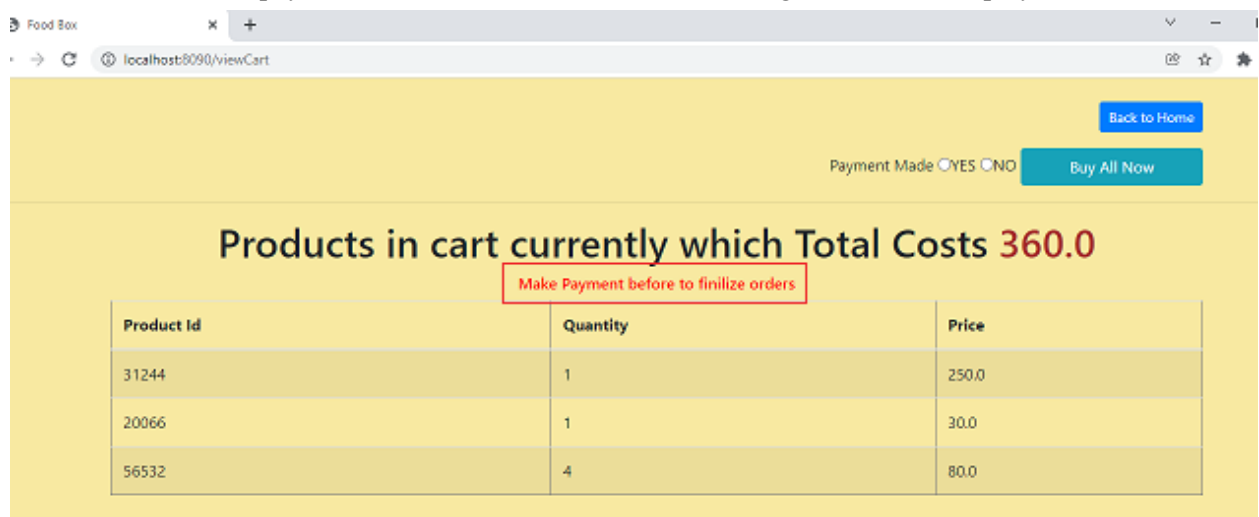
Note: until now products are added to cart only, Not yet bought.

Now Click on “View cart” to buy products.

View Cart and Buy Products:

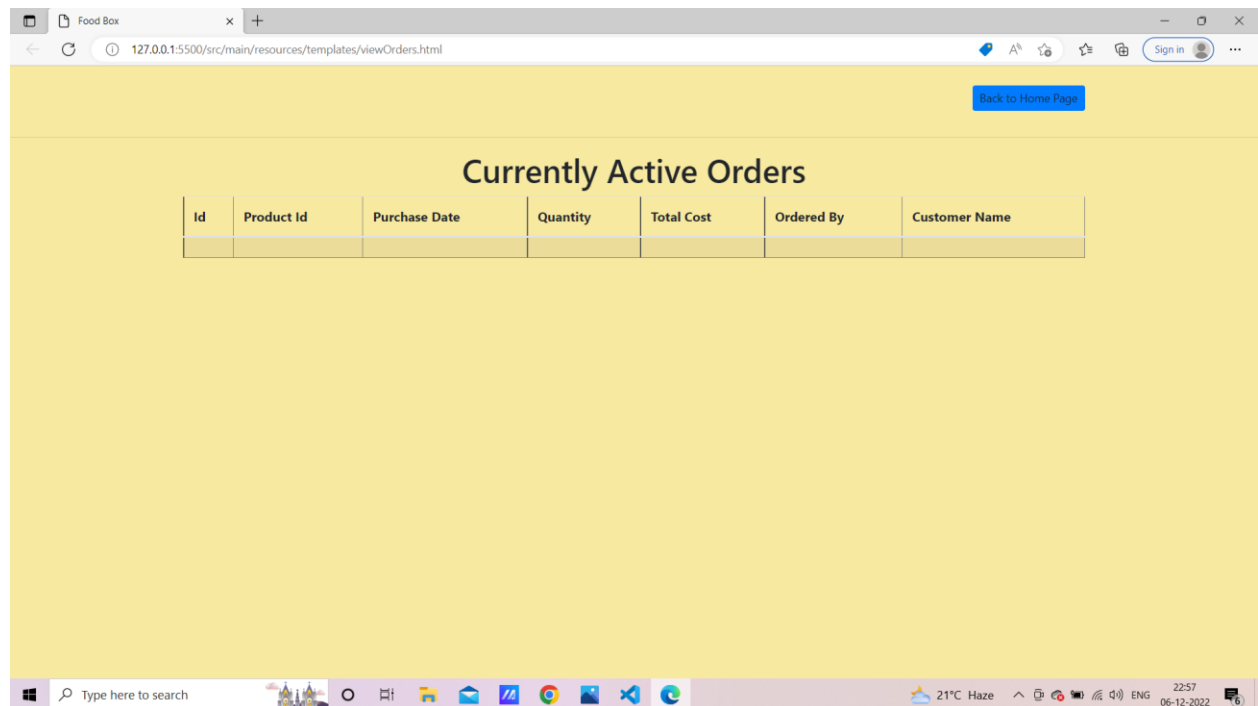


Here a dummy payment mode is added just to demo payment interaction. Customer needs click on “Yes” radio button to finish payment. If customer selects “No” or nothing then error is displayed.



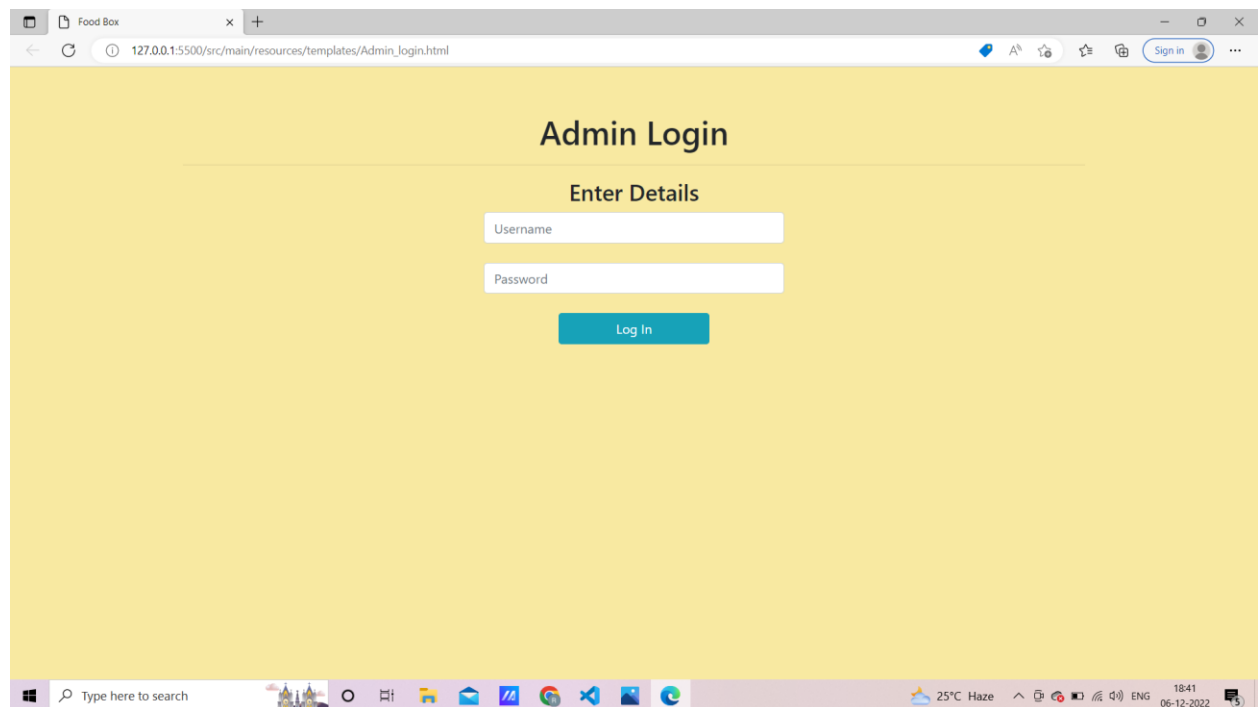
If customer selects on Yes and then click “Buy All Now”. Now products will be added to Purchase list

View Active Orders:



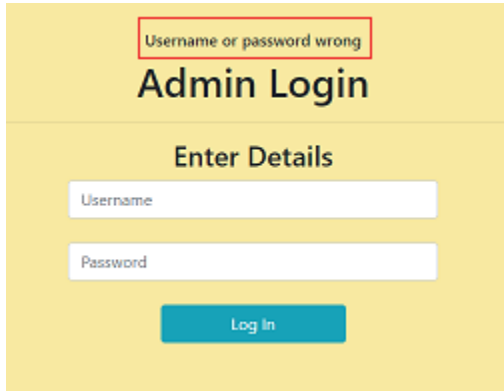
Admin Login:

User needs to click on “Admin Login” button to redirect to login page.



Admin needs to enter Username and password to login into portal.

If Admin enter username or password wrong Error message is displayed

A screenshot of the Admin Login page. At the top, a red-bordered box contains the text "Username or password wrong". Below this is the heading "Admin Login". Underneath is the section "Enter Details" which contains two input fields: "Username" and "Password". Below the input fields is a blue button labeled "Log In".

Username or password wrong

Admin Login

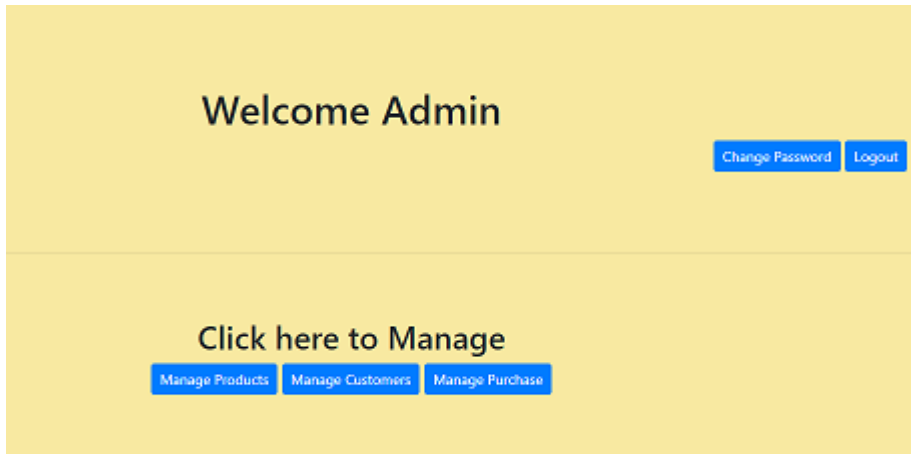
Enter Details

Username

Password

Log In

If Admin enters username and password correct then redirected to Admin Dashboard page.

A screenshot of the Admin Dashboard page. The top section has a yellow background with the heading "Welcome Admin" and two blue buttons: "Change Password" and "Logout". The bottom section has a light yellow background with the heading "Click here to Manage" and three blue buttons: "Manage Products", "Manage Customers", and "Manage Purchase".

Welcome Admin

Change Password Logout

Click here to Manage

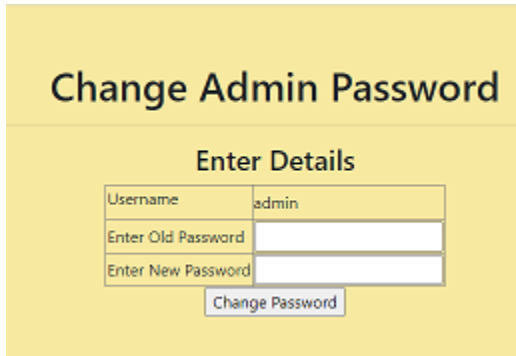
Manage Products Manage Customers Manage Purchase

Operations in Admin Dashboard are:

- **Change Password:** to change admin password.
- **Log out:** Admin will be logged out.
- **Manage Products:** Add, Update and Delete Products.
- **Manage Customers:** View, Search and Delete Customers.
- **Manage Purchase:** View, Search and Delete Customers.

Change Password:

Admin needs to enter old(existing) and new(fresh) password to change password.



Change Admin Password

Enter Details

Username	admin
Enter Old Password	<input type="password"/>
Enter New Password	<input type="password"/>

If Admin enter old password wrong. It shows error and change password is not success.



Old Password not matching

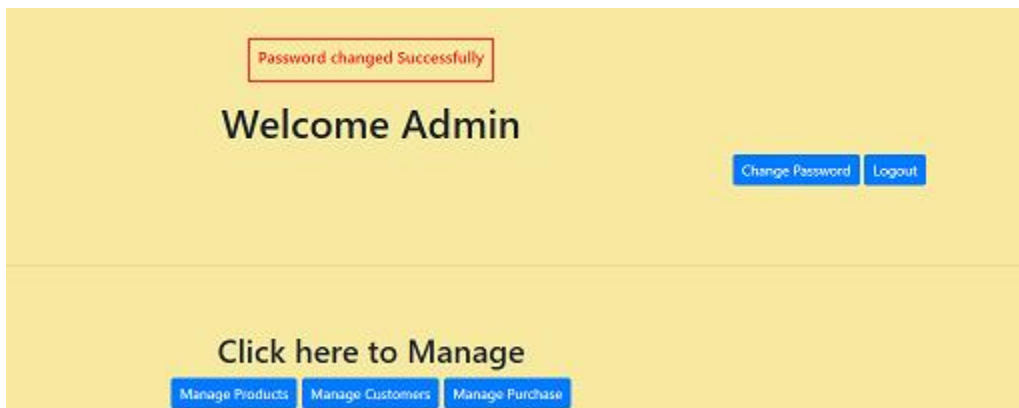
Change Admin Password

Old Password not matching

Enter Details

Username	admin
Enter Old Password	<input type="password"/>
Enter New Password	<input type="password"/>

Password is changed only when user enter all fields correct.



Password changed Successfully

Welcome Admin

Click here to Manage

Manage Products:

The screenshot shows a web browser window with the URL `127.0.0.1:5500/src/main/resources/templates/addCart.html`. The page has a yellow background and a 'Back to Home' button in the top right corner.

Add Product

Product Name	Product name
Price	0.0
Product Category	Category
<button>Add Product</button>	

Product List

Id	Product name	Price	Category	Actions
16213	Veg Manchuria	140.0	Snacks	<button>Update</button> <button>Delete</button>
18927	Kadai Paneer	250.0	Curry	<button>Update</button> <button>Delete</button>
20066	Vada Pav	30.0	Snacks	<button>Update</button> <button>Delete</button>
31244	Butter Chicken	250.0	Curry	<button>Update</button> <button>Delete</button>

The Windows taskbar at the bottom shows the search bar, taskbar icons, and system tray with the date 06-12-2022 and time 12:22.

Add Product

Product Name	Butter Roti
Price	30
Product Category	Bread
<button>Add Product</button>	

Add Products:

Add Product

Product Name	Butter Roti
Price	30
Product Category	Bread
<button>Add Product</button>	

If user clicks on Add products after entering all fields product will be added.

Product Added successfully

Id	Product name	Price	Category	Actions
16213	Veg Manchuria	140.0	Snacks	Update Delete
18927	Kadai Paneer	250.0	Curry	Update Delete
20066	Vada Pav	30.0	Snacks	Update Delete
26036	Butter Roti	30.0	Bread	Update Delete
31244	Butter Chicken	250.0	Curry	Update Delete
34600	Veg Fried Rice	120.0	Rice	Update Delete
56532	Tandoor Roti	20.0	Bread	Update Delete
58275	Samosa	10.0	Snacks	Update Delete
91033	Chicken Biryani	160.0	Rice	Update Delete

Update product:

A new page will be opened to enter details.

Update Product

Product Id	
Product Name	Kadai Paneer
Price	250.0
Product Category	Curry
Add Product	

Delete Product:

Product List				
Id	Product name	Price	Category	Actions
16213	Veg Manchuria	140.0	Snacks	Update Delete
18927	Kadai Paneer	250.0	Curry	Update Delete
20066	Vada Pav	30.0	Snacks	Update Delete
26036	Butter Roti	30.0	Bread	Update Delete
31244	Butter Chicken	250.0	Curry	Update Delete

It will prompt a message "Product Deleted Successfully"

Product List				
Product Deleted Successfully				
Id	Product name	Price	Category	Actions
16213	Veg Manchuria	140.0	Snacks	Update Delete
18927	Kadai Paneer	250.0	Curry	Update Delete
20066	Vada Pav	30.0	Snacks	Update Delete
26036	Butter Roti	30.0	Bread	Update Delete
31244	Butter Chicken	250.0	Curry	Update Delete
56532	Tandoor Roti	20.0	Bread	Update Delete
58275	Samosa	10.0	Snacks	Update Delete
91033	Chicken Biryani	160.0	Rice	Update Delete

Manage Customer:

Admin can manage Customers

Search Customer:

Admin can enter any keyword to search, if nothing found prompt is displayed.

Search Customer [Back to Dashboard](#)

Customer List

No Customer found

Email	Name	Contact	Actions
a@gmail.com	A	12345678910	<button>Delete</button> <button>View Customer orders</button>
b@gmail.com	B	12345678910	<button>Delete</button> <button>View Customer orders</button>
c@gmail.com	C	12345678910	<button>Delete</button> <button>View Customer orders</button>
Rakesh@gmail.com	Rakesh Gondala	7766554433	<button>Delete</button> <button>View Customer orders</button>

Manage Purchase:

Admin can also Manage Purchases

Search Purchase By Data:

Admin can select Date to search purchase on certain dates.

If no purchases or orders found error is displayed.

Back to Manage Purchase

Purchase List based on

Id	Product Id	Purchase Date	Quantity	Total Cost	Ordered By	Customer Name
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If any purchase found purchases or displayed.

Back to Home

Payment Made ☐ YES ☐ NO [Buy All Now](#)

Products in cart currently which Total Costs

Product Id	Quantity	Price
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