

Online Buy and Sell App

You have been hired to develop an online marketplace application where users can buy and sell various items. This application, called "QuickTrade", should facilitate the listing, searching, purchasing, and management of items. The key functionalities required are as follows:

1. User Registration and Authentication
2. Item Listing and Management
3. Item Search and Filters
4. Order Management
5. User Profile and Ratings
6. Admin Management and Moderation

Requirements:

1. User Registration and Authentication:
 - o Users can register as buyers, sellers, or both.
 - o Fields: Username, Email, Password, Confirm Password, Phone Number.
 - o Implement secure authentication and password recovery mechanisms.
 - o Validate all fields and provide real-time feedback on form entries.
2. Item Listing and Management:
 - o Sellers can create, edit, and delete listings.
 - o Fields: Item Name, Description, Price, Category, Condition (New/Used), Images, Location.
 - o Sellers can view and manage their listed items.
3. Item Search and Filters:
 - o Buyers can search for items using various filters such as category, price range, location, and item condition.

- o Implement a keyword search functionality.
- o Display search results with pagination and sorting options.

4. Order Management:

- o Buyers can add items to their cart and proceed to checkout.
- o Fields: Shipping Address, Payment Method, Order Summary.
- o Sellers receive notifications of new orders and can manage the order status (e.g., pending, shipped, delivered).

5. User Profile and Ratings:

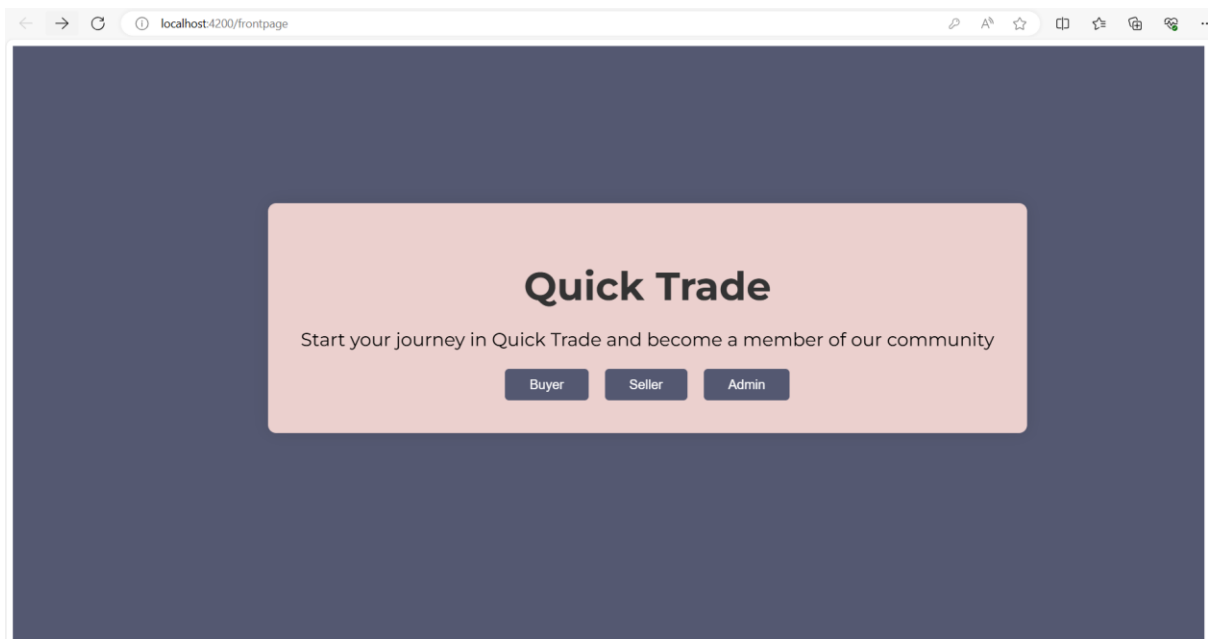
- o Users can create and update their profiles.
- o Fields: Name, Email, Phone Number, Address, Profile Picture.
- o Implement a rating and review system for buyers and sellers.
- o Display user ratings and reviews on profiles.

6. Admin Management and Moderation:

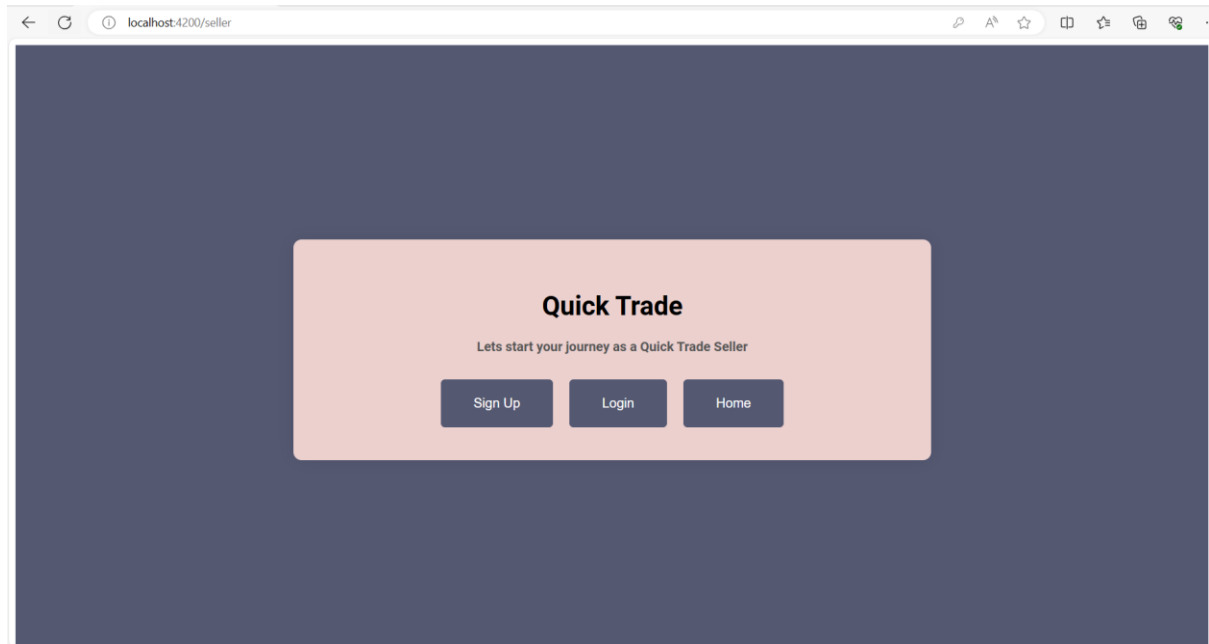
- o Admins can manage users, items, and orders.
- o Admin functionalities include approving, suspending, and deleting user accounts and listings.
- o Admins can monitor and resolve disputes between buyers and sellers.

Quick Trade

The Title of the project is Quick Trade which is online sell and Buy app. The project flows with a front page, In that Front page you have three buttons one for Buyer, one for Seller and one for Admin when you click Seller you can proceed as Seller and same for Buyer(User) and Admin is Person who handles the Product Delivery.



First start as Seller so now Click on Seller Button, It redirects you to Seller page which again contains two buttons one for Sign Up and One for login if you are already an registered Seller in Quick Trade you can click on Login, If not you need to first Sign up get registered in Quick Trade then login .



When you click on Signup it redirects you to the a signup page like below now you have give your SellerName, Email(Which Should be abcd@email.com) Format, Then Give Password and then Phone Number (it should be of 10digits) then enter your address and check every field is entered with proper details.

A screenshot of a web browser showing the 'Quick Trade' seller signup page. The browser's address bar displays 'localhost:4200/signupseller'. The page has a light pink background. In the center, there is a dark blue rectangular box. Inside this box, the text 'SIGN UP AS SELLER' is displayed in bold, followed by 'START YOUR JOURNEY IN QUICK TRADE'. Below this text, there are several input fields: 'Seller Name', 'Email Address', 'Password', 'Phone Number', and 'Address'. Each field has a white input box. Below the 'Email Address' field, there is a small text hint: 'Please enter a valid Email address (example@gmail.com)'. At the bottom of the dark blue box, there is a light pink button with the text 'SIGN UP'. In the top left corner of the page, there is a 'Home' button.

While entering if your details doesnot match with the requirement the it displays like this notifying you to give in that particular format, Once everything is properly filed you need to click on Sign Up button which perform a backend work and registers your details in the database.

Home

**SIGN UP AS SELLER
START YOUR JOURNEY
IN
QUICK TRADE**

Seller Name
seller1

Email Address
seller@.com
Please enter a valid Gmail address
(example@gmail.com).

Password

Phone Number
9876543210

Address
chennai

SIGN UP

Home

**SIGN UP AS SELLER
START YOUR JOURNEY
IN
QUICK TRADE**

Seller Name
seller34

Email Address
seller34@gmail.com

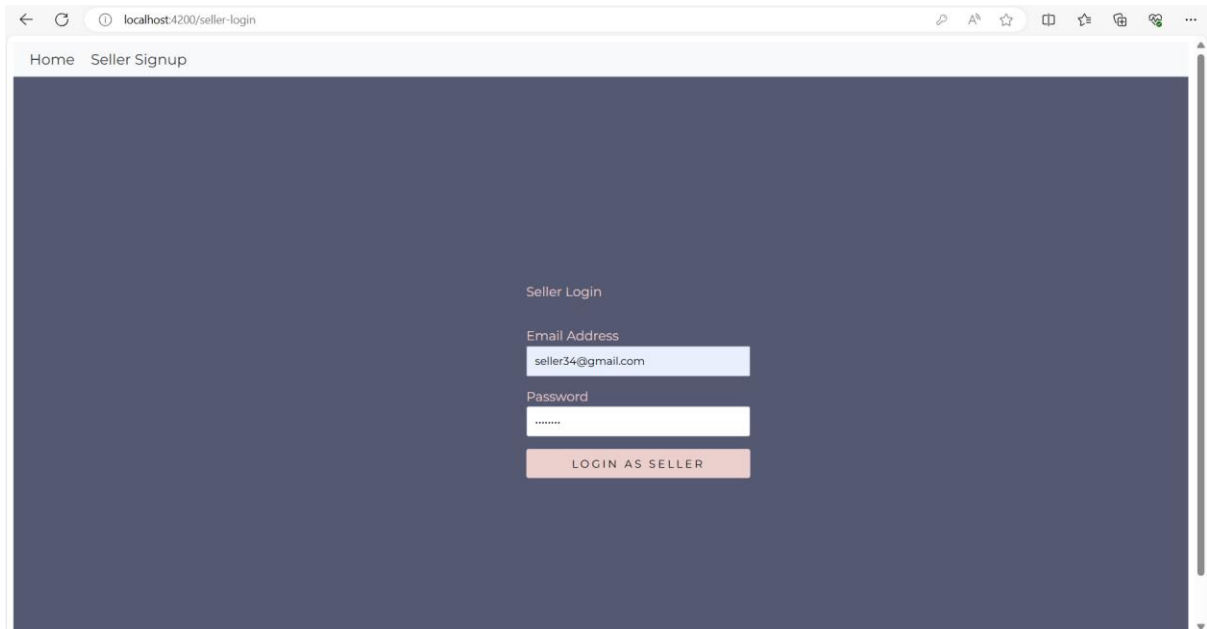
Password

Phone Number
9876543210

Address
kodur

SIGN UP

After that it redirects you to a login page where you have to give your registered email and password which again will be verified in the backend. If the credentials are correct then it redirects you to next page, If not it will give you pop message informing that the entered details are incorrect.



The screenshot shows a web browser window with the address bar displaying 'localhost:4200/seller-login'. The page has a dark blue background. At the top, there are links for 'Home' and 'Seller Signup'. In the center, there is a 'Seller Login' form. The form includes an 'Email Address' field with the text 'seller34@gmail.com', a 'Password' field with masked characters '*****', and a 'LOGIN AS SELLER' button.

Home Seller Signup

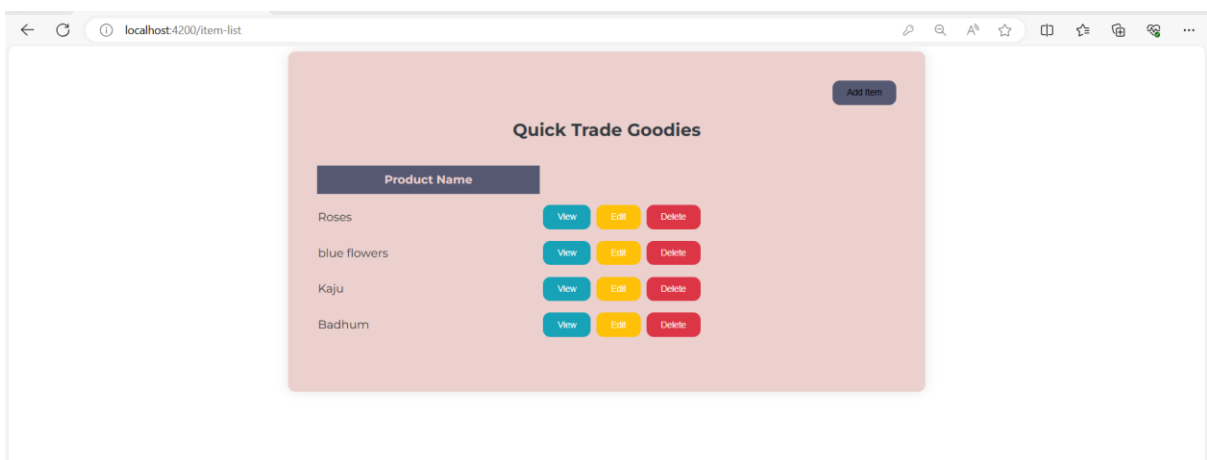
Seller Login

Email Address
seller34@gmail.com

Password

LOGIN AS SELLER

After Clicking Login if your credentials are correct it will redirect you to page displayed below so here, as a seller you can add you items and their details by clicking on “Add Item” Button After Clicking on Add Item button it will redirect you to below page.



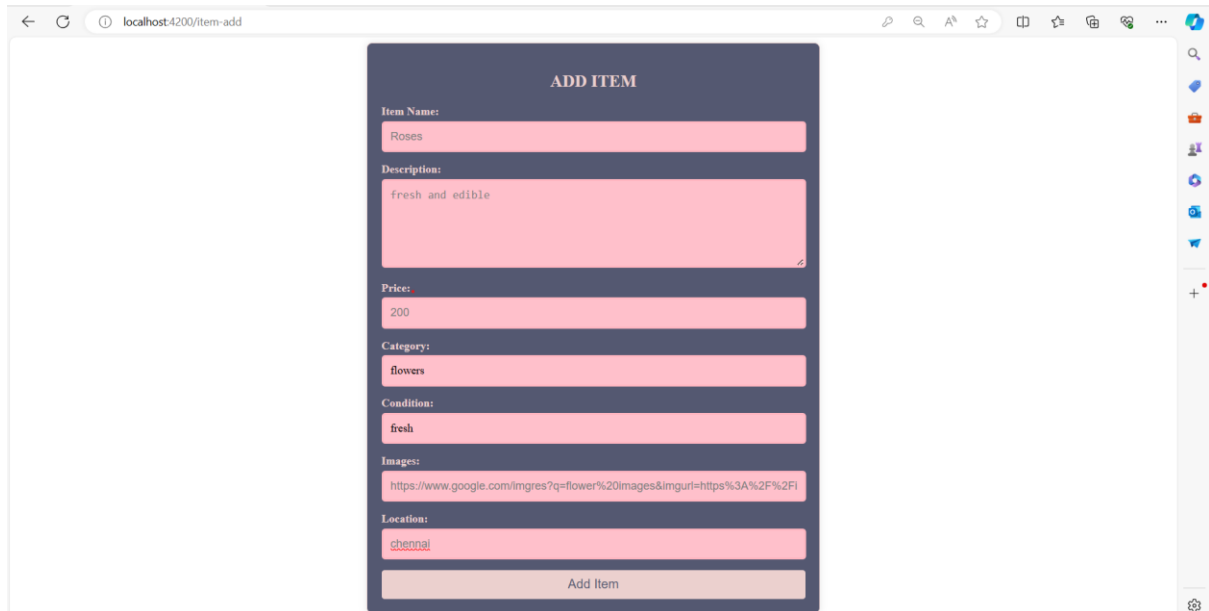
The screenshot shows a web browser window with the address bar displaying 'localhost:4200/item-list'. The page has a light pink background. At the top right, there is an 'Add Item' button. Below it, there is a section titled 'Quick Trade Goodies'. This section contains a table with a header 'Product Name' and four rows of product data. Each row has three buttons: 'View', 'Edit', and 'Delete'.

Add Item

Quick Trade Goodies

Product Name			
Roses	View	Edit	Delete
blue flowers	View	Edit	Delete
Kaju	View	Edit	Delete
Badhum	View	Edit	Delete

Here you have enter the details of item you want add into Quick Trade, So now Enter Item Name, the description of item in Description Box, then enter Price, Category, Condition, Images, Location after entering the details click on Add Item button So now you items is added to the database and now it is made available to buy.

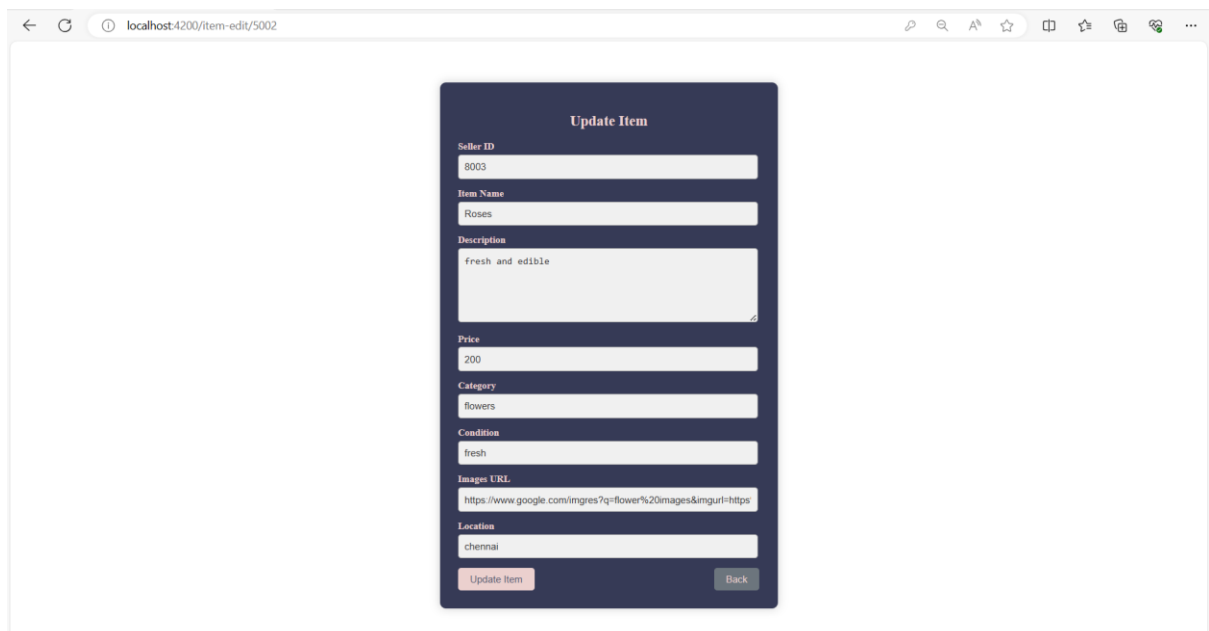


The screenshot shows a web browser window with the address bar displaying 'localhost:4200/item-add'. The main content is a dark blue form titled 'ADD ITEM'. The form contains the following fields and values:

- Item Name:** Roses
- Description:** fresh and edible
- Price:** 200
- Category:** flowers
- Condition:** fresh
- Images:** <https://www.google.com/imgres?q=flower%20images&imgurl=https%3A%2F%2F>
- Location:** chennai

At the bottom of the form is a light blue button labeled 'Add Item'.

If the Seller wants to edit the details of the items he/she can click on Edit Button, After Clicking on Edit button it will redirect you to page containing the details of that particular item, there you can edit the details and then give update button which will update or edit the details of the item in database.



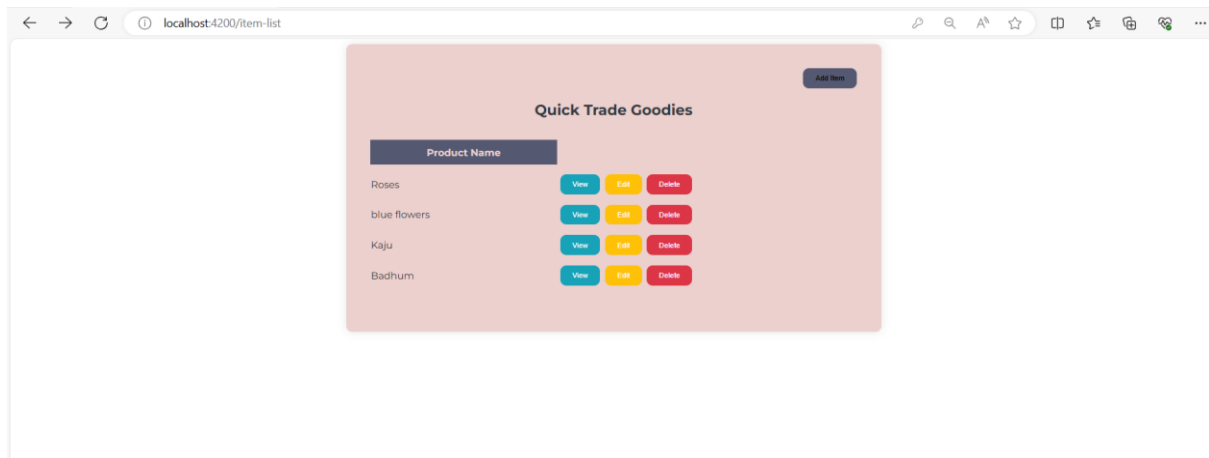
The screenshot shows a web browser window with the address bar displaying 'localhost:4200/item-edit/5002'. The main content is a dark blue form titled 'Update Item'. The form contains the following fields and values:

- Seller ID:** 8003
- Item Name:** Roses
- Description:** fresh and edible
- Price:** 200
- Category:** flowers
- Condition:** fresh
- Images URL:** <https://www.google.com/imgres?q=flower%20images&imgurl=https%3A%2F%2F>
- Location:** chennai

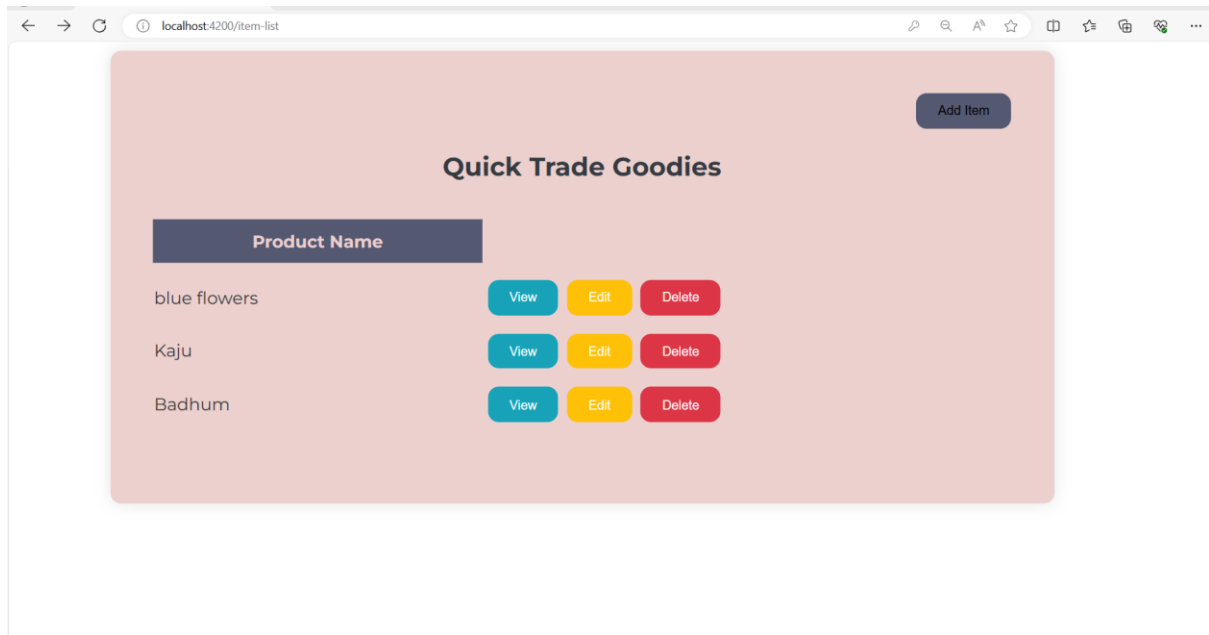
At the bottom of the form are two buttons: 'Update Item' (light blue) and 'Back' (grey).

If you Choose not to edit the details of the item then click on Back Button which will redirect you to the previous page.If you want to View the details of the item then you can do that by clicking on view Button which will redirect you to next page that will display you the details of the item

If you want to Delete the item then you can Delete the item By clicking on Delete Button which will automatically delete the item from quick Trade.

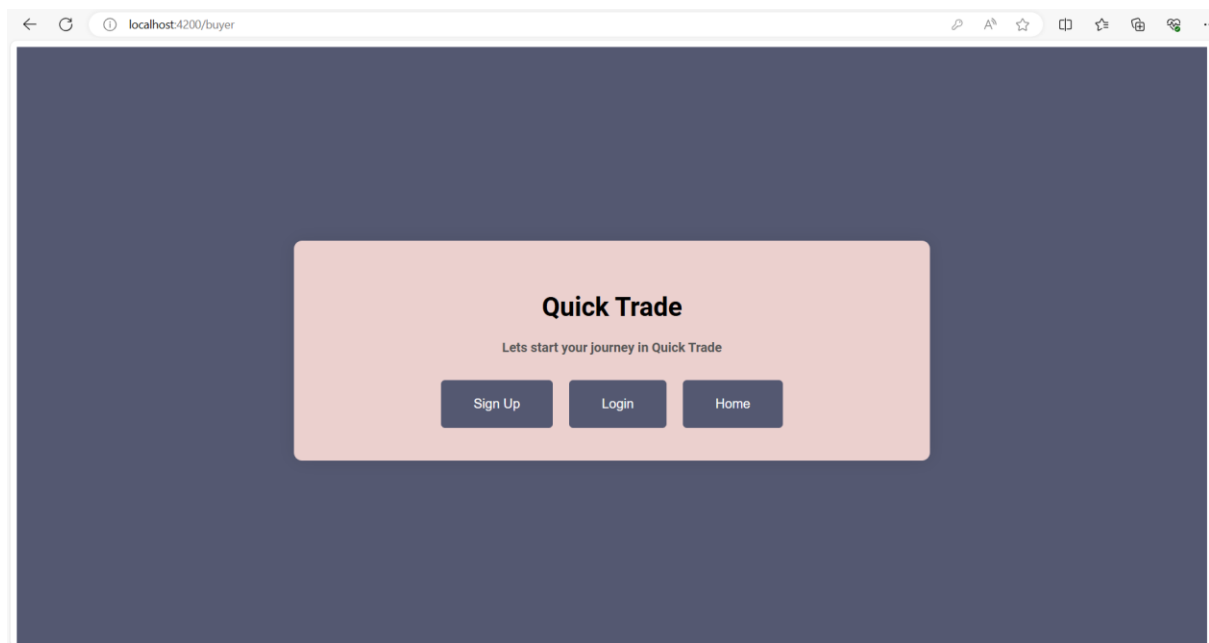
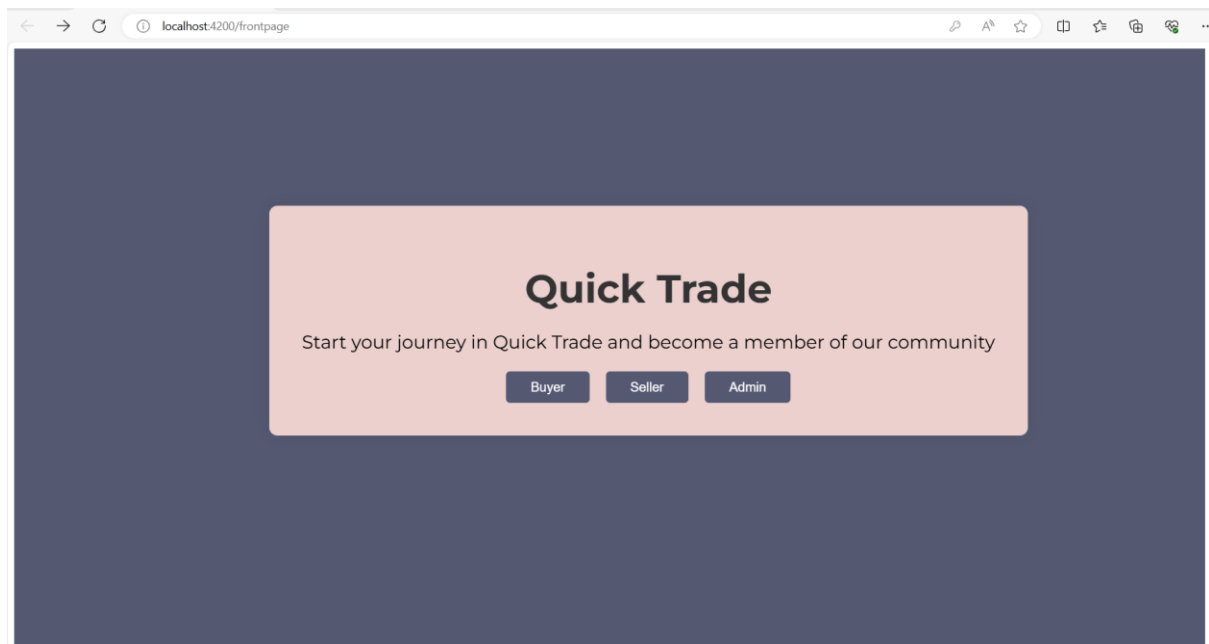


To delete item click on delete button corresponding to that object.

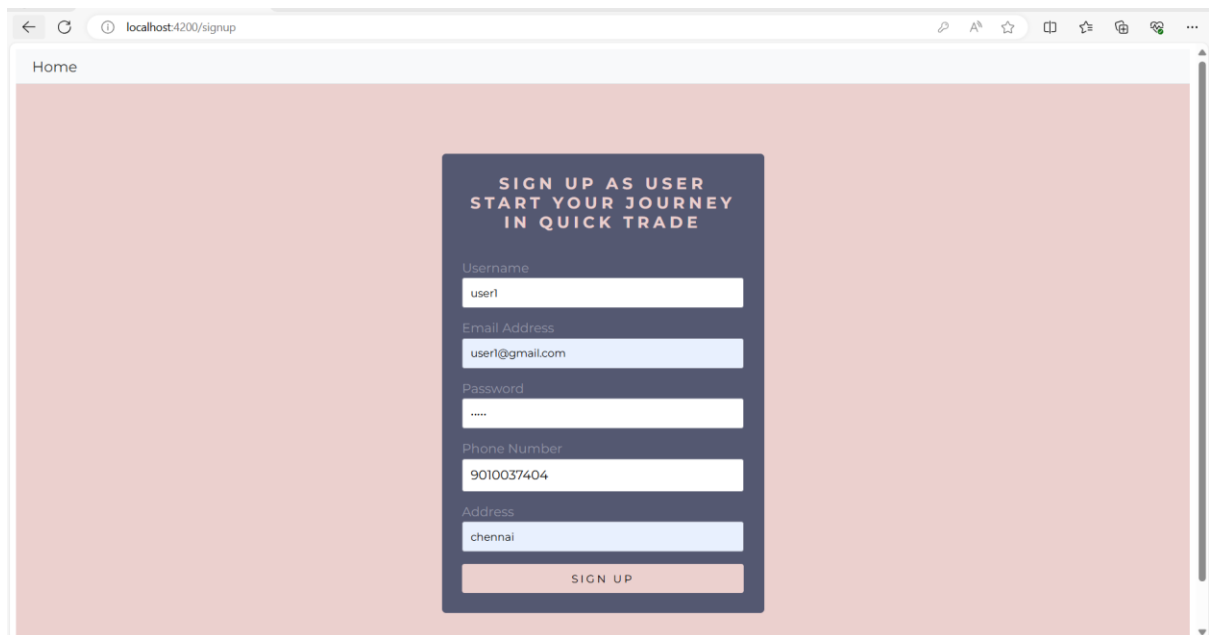


Now the Roses are deleted.

Start our journey as User When you Click On Buyer Button it will redirect you to page containing three buttons one for Sign up to register if not a registered Buyer then Login and a home button to comeback to front Page



Now Click on Sign Up and fill the below details like username, Email, Password, PhoneNumber, Address as required and give Sign In button which will redirect you to Login page.



Home

**SIGN UP AS USER
START YOUR JOURNEY
IN QUICK TRADE**

Username
user1

Email Address
user1@gmail.com

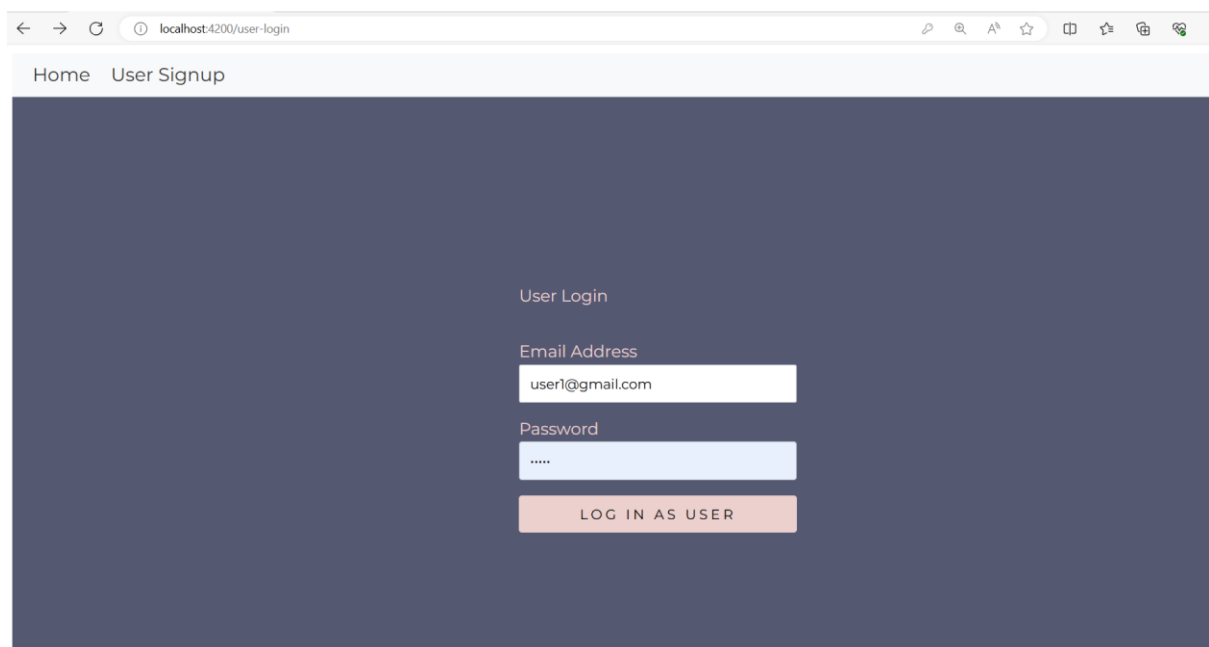
Password
.....

Phone Number
9010037404

Address
chennai

SIGN UP

Now Enter the required Credentials and the give Login which Check the details and redirect you to next page.



Home User Signup

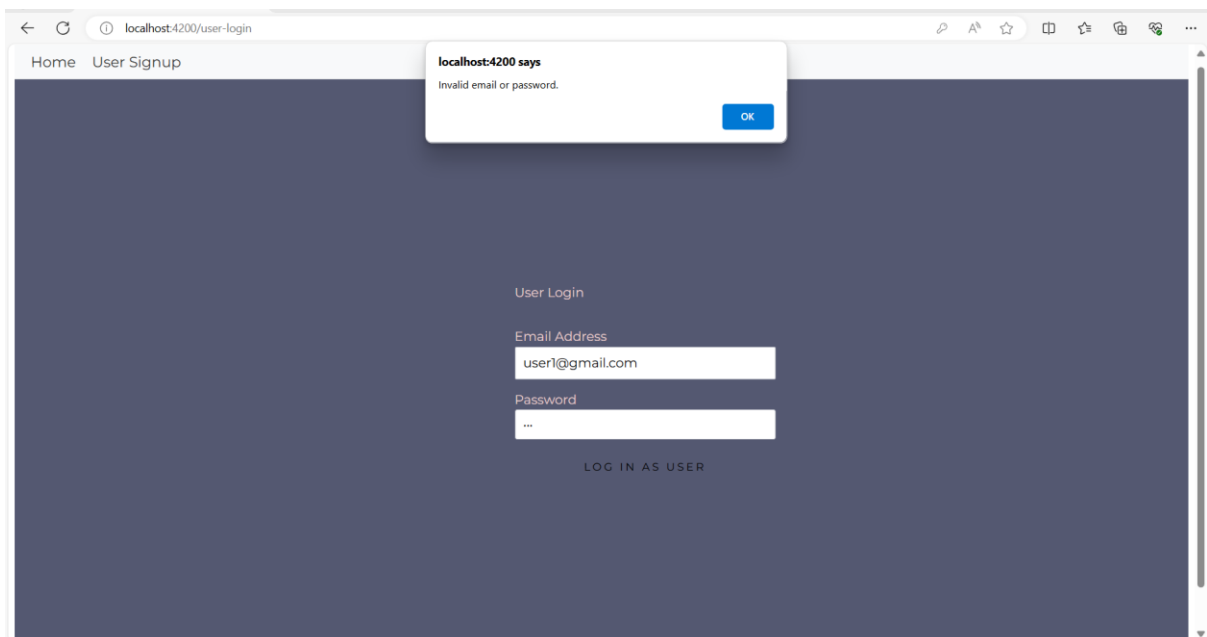
User Login

Email Address
user1@gmail.com

Password
.....

LOG IN AS USER

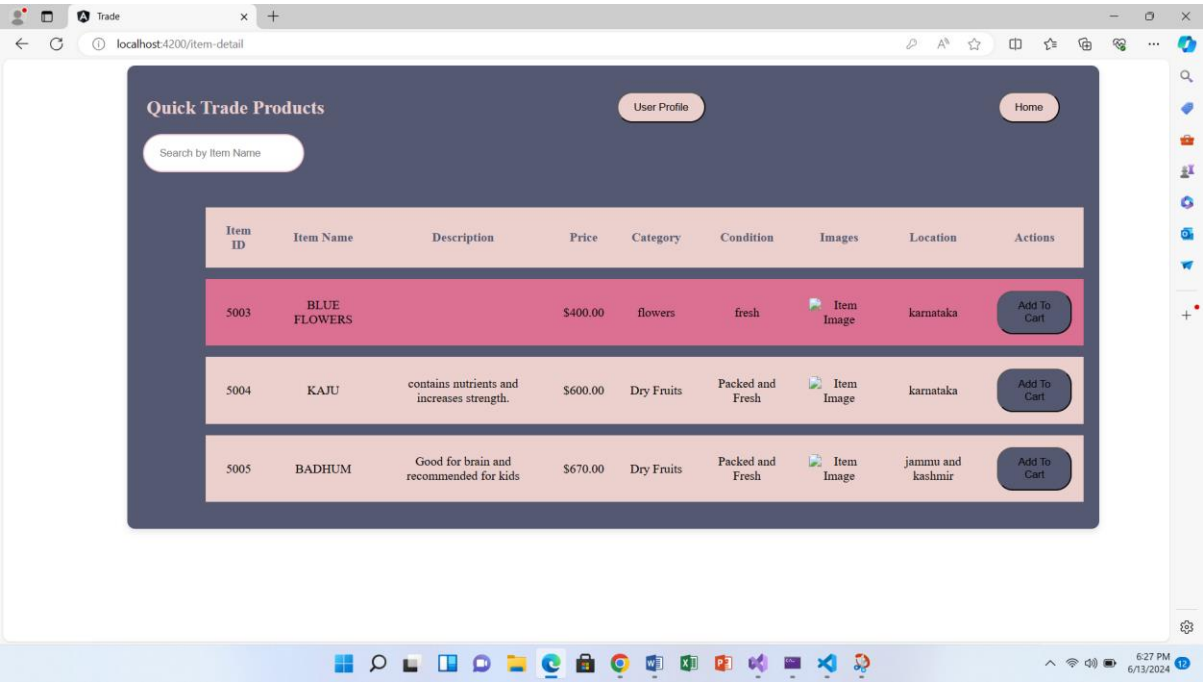
If incorrect email or password is given its shows an alert message:



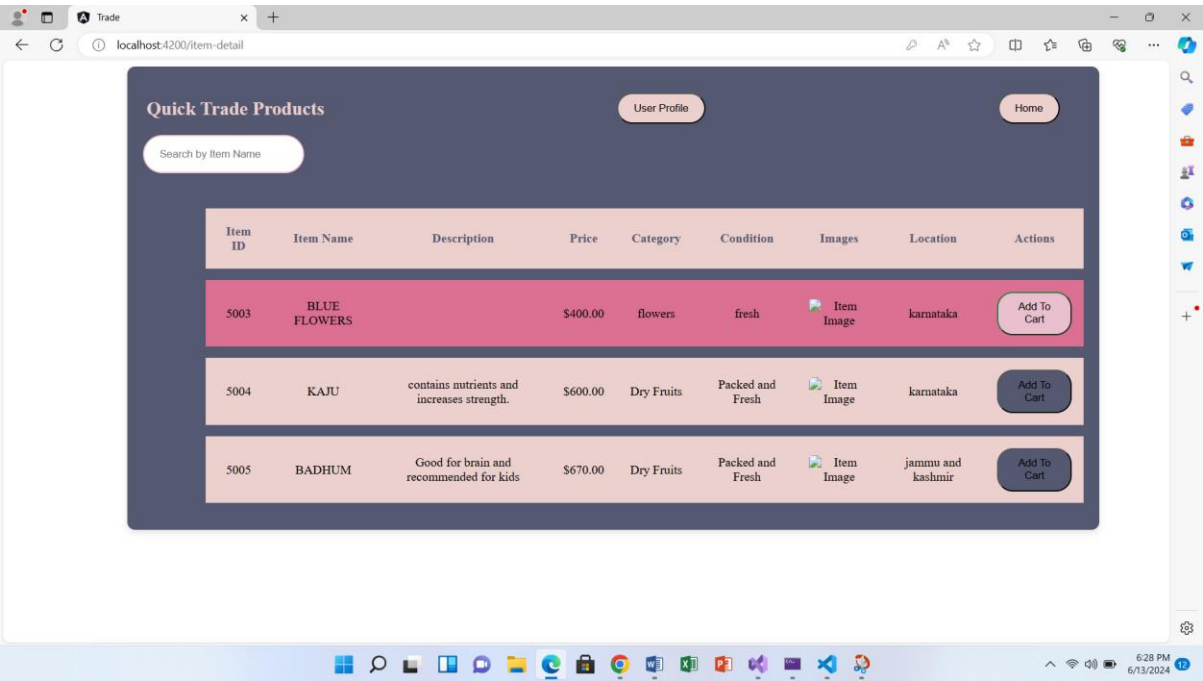
In the Next Page you will find all the details of the Product that are available in Quick Trade. There is search Button where if you enter the name of the product it will show the available products with that name.



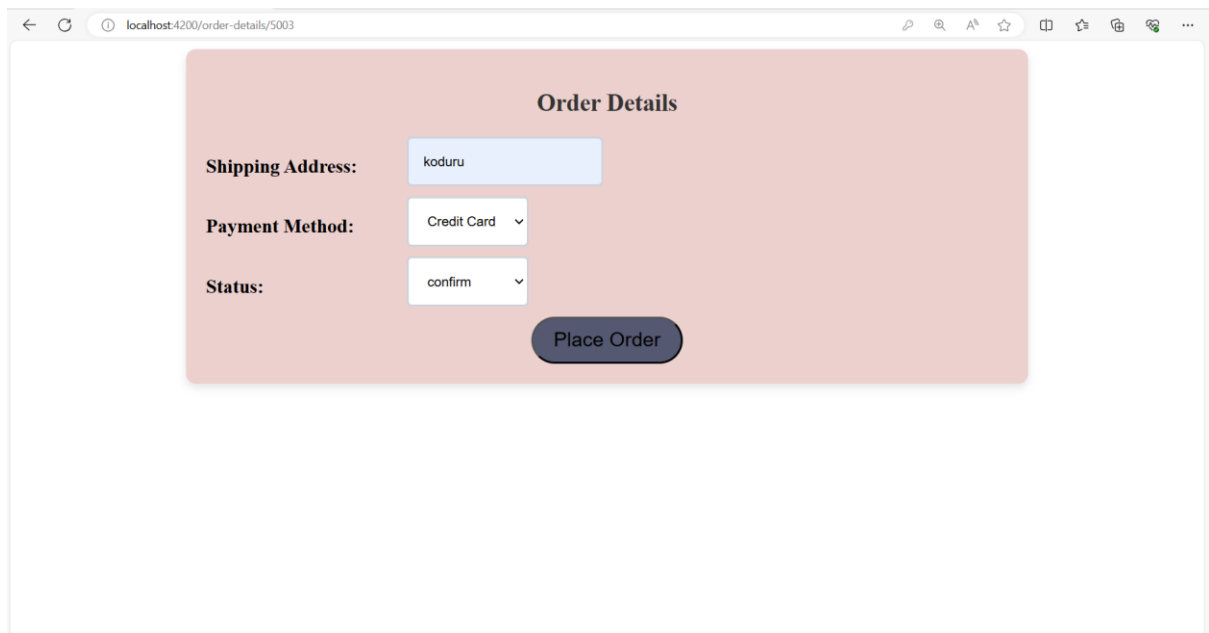
If you want to Buy the product then Click on “Add to Cart” button with redirect you to next page for further process.



Click on “Add To Cart” button



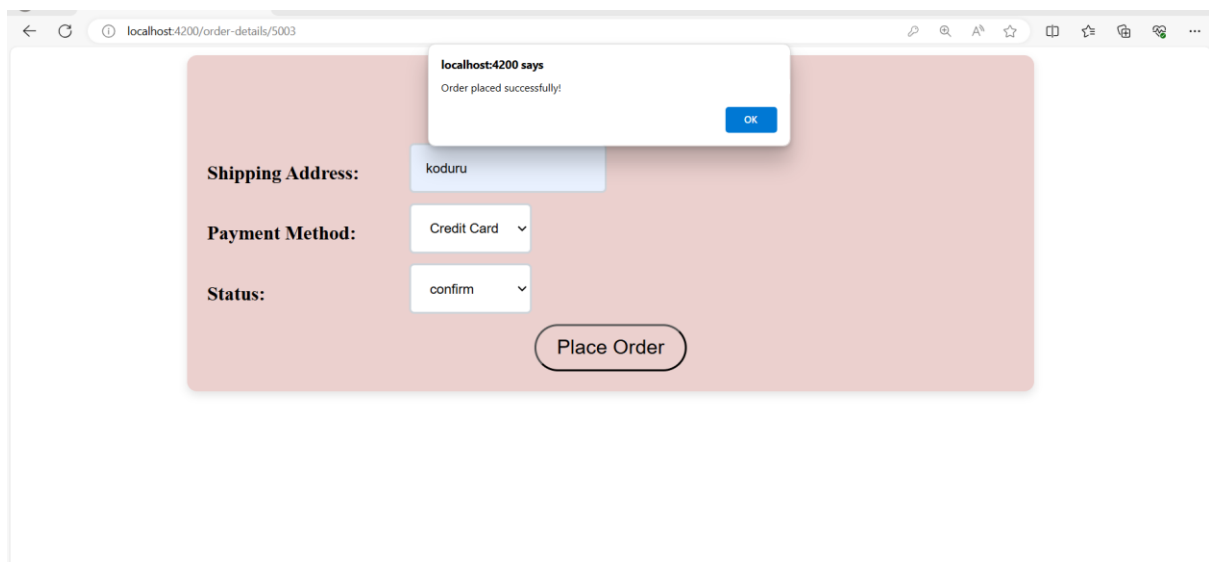
Now you have enter you Shipping address, Payment method and Status that is to continue purchasing and comeback if you choose confirm it will ten disable “Place Order” Button, If you choose not-confirm it will not place the order.



A screenshot of a web browser showing a form titled "Order Details". The form is set against a light red background. It contains three input fields: "Shipping Address:" with the value "koduru", "Payment Method:" with a dropdown menu showing "Credit Card", and "Status:" with a dropdown menu showing "confirm". Below these fields is a dark blue button labeled "Place Order". The browser's address bar shows "localhost:4200/order-details/5003".

After placing order you will receive a notification saying "Order Placed Successfully" give ok .

Then you will be able to see the details of your Order .

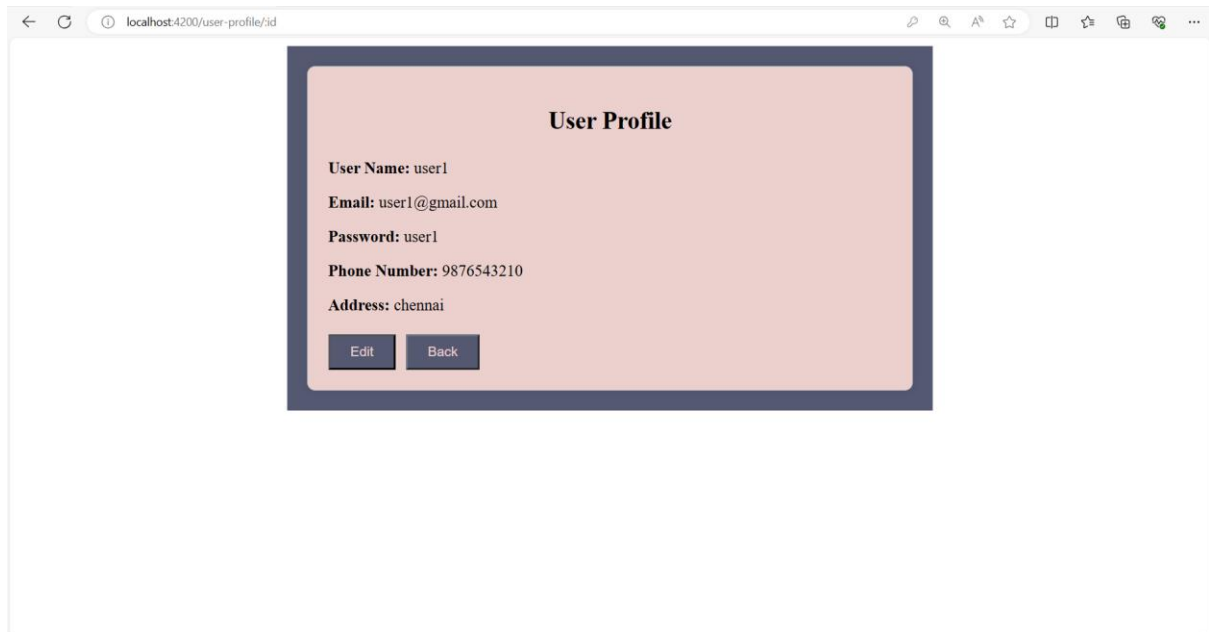


A screenshot of the same "Order Details" form as above, but with a notification overlay. The notification is a white box with the text "localhost:4200 says" and "Order placed successfully!". It has a blue "OK" button. The form fields and the "Place Order" button are still visible behind the notification. The browser's address bar shows "localhost:4200/order-details/5003".



Given not-confirm in status it will not place the order

Buyer can also see their profile or details by clicking on “User Profile” which will redirect you to page displaying the details of the particular user.



The screenshot shows a web browser window with the address bar displaying 'localhost:4200/user-profile/id'. The page content is a light pink rectangle with a dark blue border. Inside, the title 'User Profile' is centered at the top. Below the title, the following details are listed: 'User Name: user1', 'Email: user1@gmail.com', 'Password: user1', 'Phone Number: 9876543210', and 'Address: chennai'. At the bottom left of the pink area, there are two dark blue buttons: 'Edit' and 'Back'.

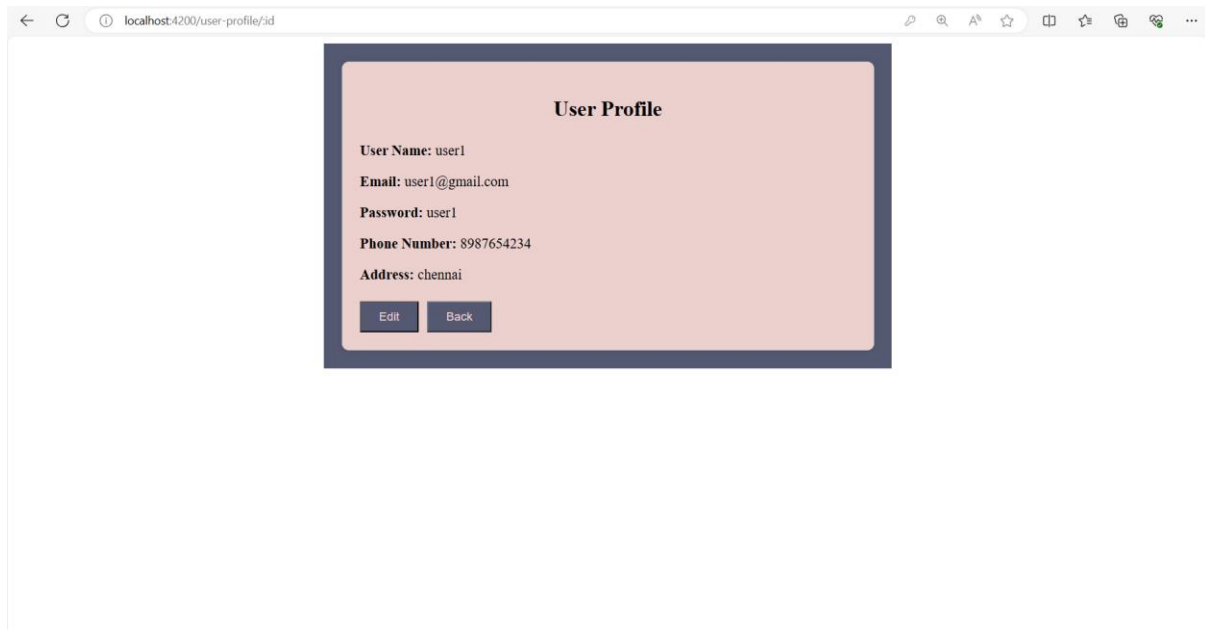
Buyer can also edit their profile by Selecting “Edit” Button which will redirect to the following Page.



The screenshot shows a web browser window with the address bar displaying 'localhost:4200/edit-user/2'. The page content is a light pink rectangle with a dark blue border. Inside, the title 'Edit User Profile' is centered at the top. Below the title, there is a dark blue form box containing several input fields: 'Username' (with 'user1'), 'Email' (with 'user1@gmail.com'), 'Password' (with '*****'), 'Phone Number' (with '8987654234'), and 'Address' (with 'chennai'). At the bottom of the form box, there are two light pink buttons: 'Save' and 'Cancel'.

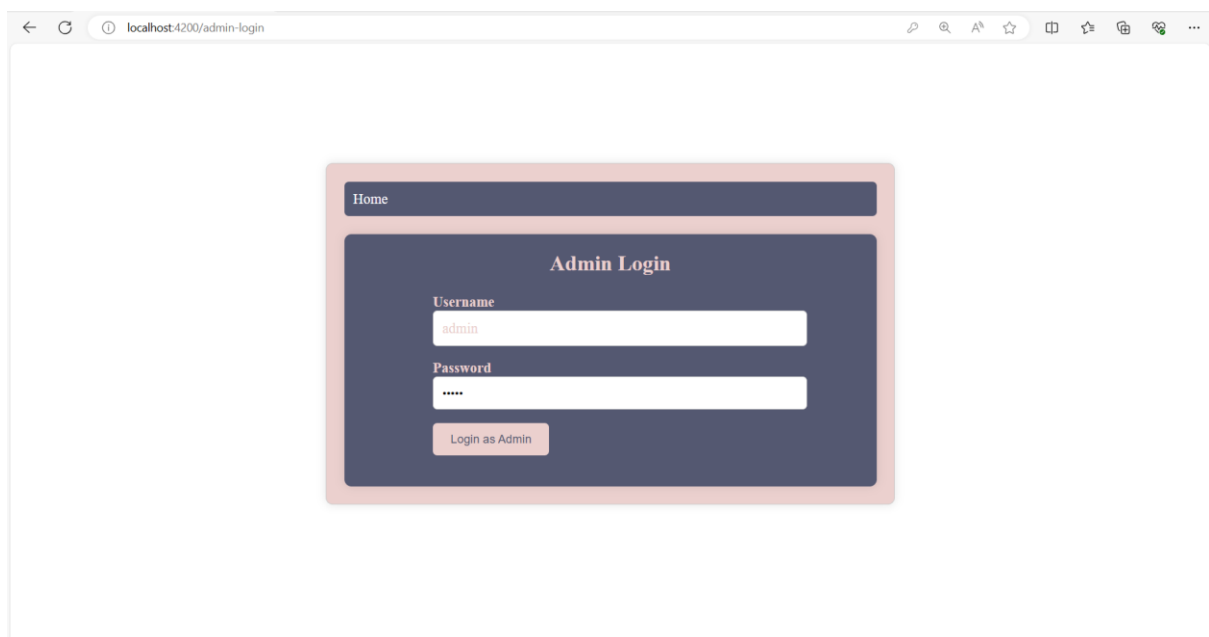
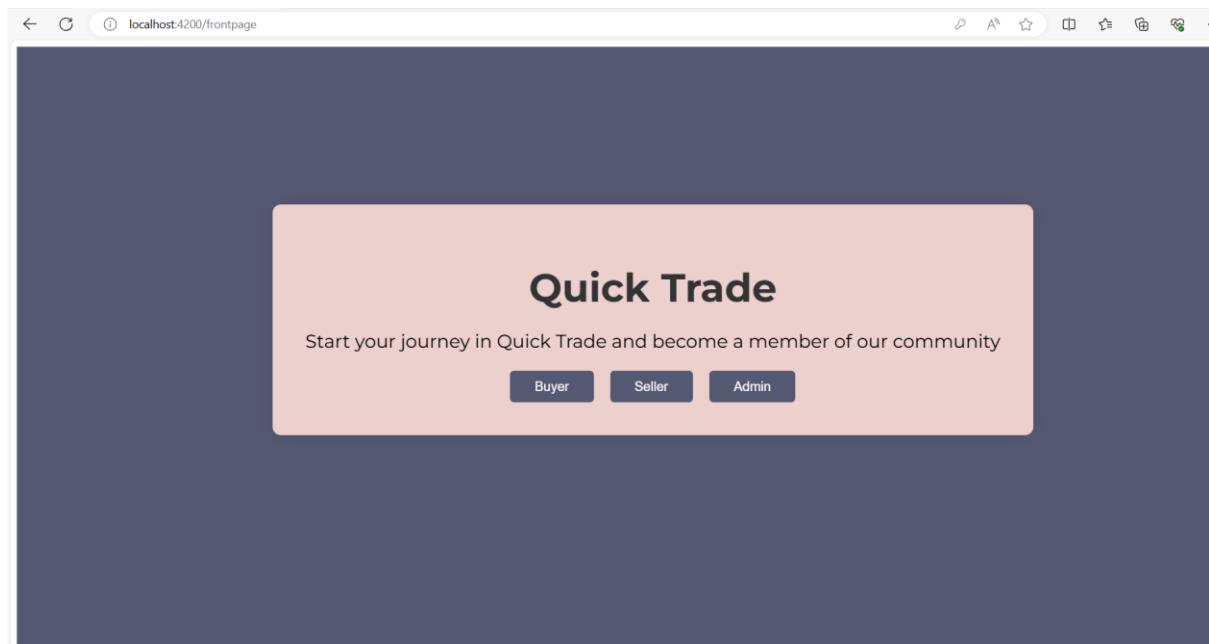
User can edit their details and Click On “Save” Button if Buyer choose not to Edit then he can click on “Cancel” Button.

See now the user phone number is edited:

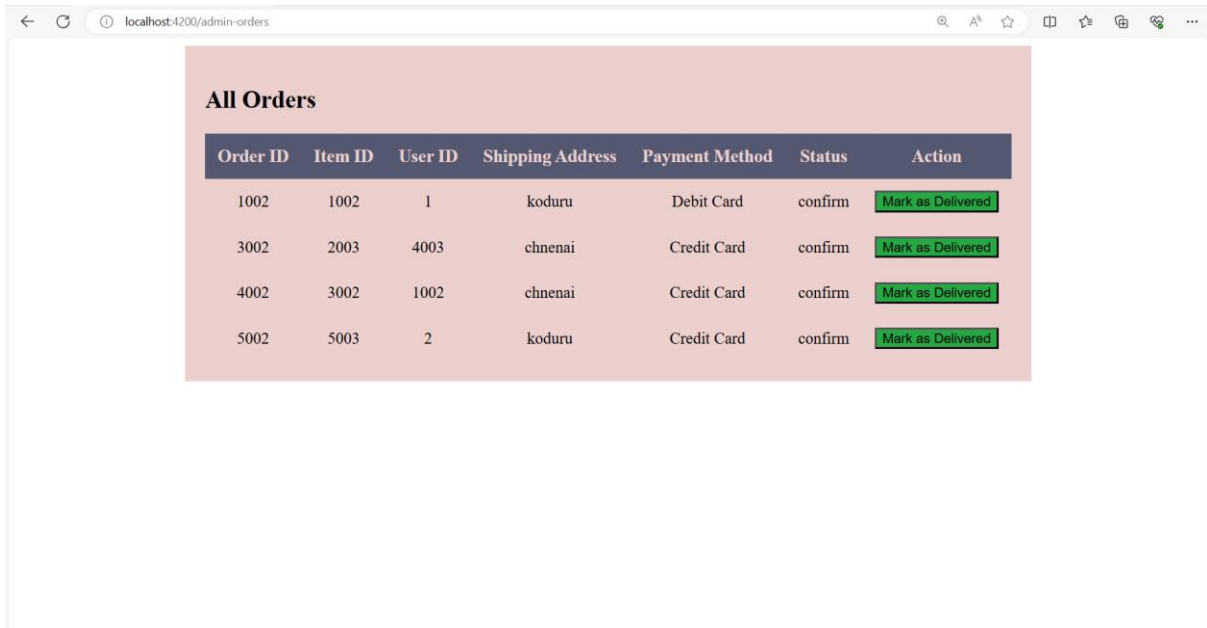


User Can Come back to Front Page By clicking on “Home” Button.

Now As Admin we need to click on “Admin” Button which will redirect to Admin Login Page which will again ask Username and Password which is hardcoded by default “Admin” and now click on login as Admin.

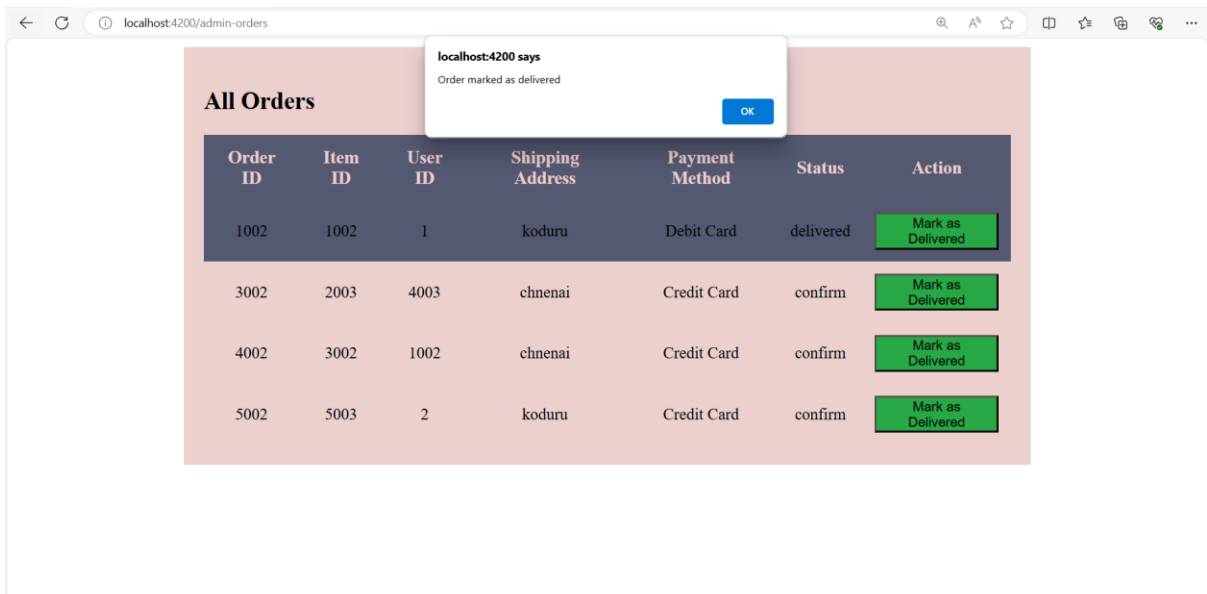


Now you can see the details of all the orders now ,the admin will makes changes on whether the order is delivered or not if delivered he will change it by clicking on “Mark as Delivered” Button which will change the status as product delivered.



Order ID	Item ID	User ID	Shipping Address	Payment Method	Status	Action
1002	1002	1	koduru	Debit Card	confirm	Mark as Delivered
3002	2003	4003	chennai	Credit Card	confirm	Mark as Delivered
4002	3002	1002	chennai	Credit Card	confirm	Mark as Delivered
5002	5003	2	koduru	Credit Card	confirm	Mark as Delivered

Once delivered status is changed



Order ID	Item ID	User ID	Shipping Address	Payment Method	Status	Action
1002	1002	1	koduru	Debit Card	delivered	Mark as Delivered
3002	2003	4003	chennai	Credit Card	confirm	Mark as Delivered
4002	3002	1002	chennai	Credit Card	confirm	Mark as Delivered
5002	5003	2	koduru	Credit Card	confirm	Mark as Delivered

Untill, The product is delivered it is marked as not delivered.