



Online cart and Fashion Store

Application framework

**Group Project Submitted to
Sri Lanka Institute of Information Technology**

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Group Details

IT18097634	M.M.C. Ranasinghe	Insert: Add Products Items Update: Update products Items Delete: Remove Product Items Read: Show All Products Items, showUnique Products(User Home)
IT18098174	Ahkam M.A.A.	Insert: Add Store Manager,Registration,Login Update: Update User Profile Delete: Delete Store Manager Read: Store Manager Home,Login,Admin Home

IT18134018	Bojitha Mindula A.M.K.	Insert: Add Discount,Comment product items,Rating product items Update: Edit Product Discount Delete: Delete Product Discount Read: Show Discount,comment,Rating
IT18142310	M.A.I.F. Isma	Insert: Add Shopping Cart,Add Wishlist,Create Category Update: Update Shopping Cart, Edit Wishlist Delete: Delete Shopping Cart,Remove Wishlist Read: Show Category, User Wishlist

GitHub Link: https://github.com/sliit-mlb/af_project

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Home View

Online Shopping

Search

Sign Up

Login

All

Tshirts


Shoes

Trousers


Caps

Socks


Court




NIKE
Rs. 2400




Boss Tshirt
Rs. 2600




Formal-Trousers
Rs. 3000




Belt Black
Rs. 1250



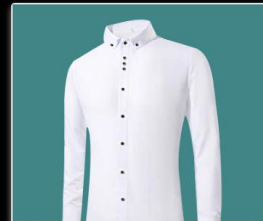
Socks
Rs. 1280



Court
Rs. 34000



Cap Black
Rs. 1000



Shirt White
Rs. 3000


Shoes

Trousers


Caps

Socks


Court




NIKE
Rs. 2400




Boss Tshirt
Rs. 2600




Formal-Trousers
Rs. 3000




Belt Black
Rs. 1250




Socks
Rs. 1280



Court
Rs. 34000



Cap Black
Rs. 1000



Shirt White
Rs. 3000

ABSTRACT

The Project online cart and Fashion store was a project topic which was proposed and given to us by SLIIT. As per the requirements which has been clearly stated in the Assignment sheet the system was analyzed broken down into relevant sub components and an appropriate software project management technique has been selected . The Project requirements were vertically divided among the Team members and carried out .

The Report includes about the relevant analysis of the pre defined requirements and other relevant documentations which were made during the project implementation .

Our project have been successfully completed based upon the stated requirements along with some assumptions which were considered during the development process .

ACKNOWLEDGEMENT

We wish to express our sincere gratitude Mr.Prasan Yapa Lecturer of the module Application Frameworks Project for giving us a good guidance to do our assignment and also to complete our assignment report.

We sincerely thank our parents for their guidance and encouragement in the time of carrying out this assignment works. We also like to thank other staff members of The SLIIT Malabe Campus who rendered their help during the period of our assignment works.

Project Report Structure

The further structure of the project is explains about the methodology and how the project was carried out.

1.0 Methodology – This has sub sessions like Requirement and Analysis , Design , Implementation and testing .

1.1. Requirement and Analysis - A detailed requirement of the project is explained including relative UML diagrams.

1.2 – Design – The structure of the software developed will be depicted using the UML diagrams, sequence diagram .

METHODOLOGY

1.0 Selection of the Project management methodology

The project has been managed using the **waterfall model** . The opportunity of selecting this model is due the clear set of pre defined requirements

The pre defined requirements were vertically divided among all four of our team members . The four divisions were as follows :

1. User level –
2. Shopping cart , vehicle list , category –
3. Discount , Rating and Comment –
4. Product management –

User level component –

This component was responsible in adding Store manager by the admin , where the admin is responsible . This component also creates an Admin home , Admin Navigation and the home page and navigation of the admin . This component also like wise creates the user login , sign up and the user navigation bar .

Shopping cart , vehicle list , category –

This component is basically made for the shopping cart management . And also involved in creating wish list . This component also can add category and involved with all possible functionalities related to categories .

Discount , Rating and Comment –

This component is involved in Adding Discount for particular products and editing them and then involved in Rating and commenting .

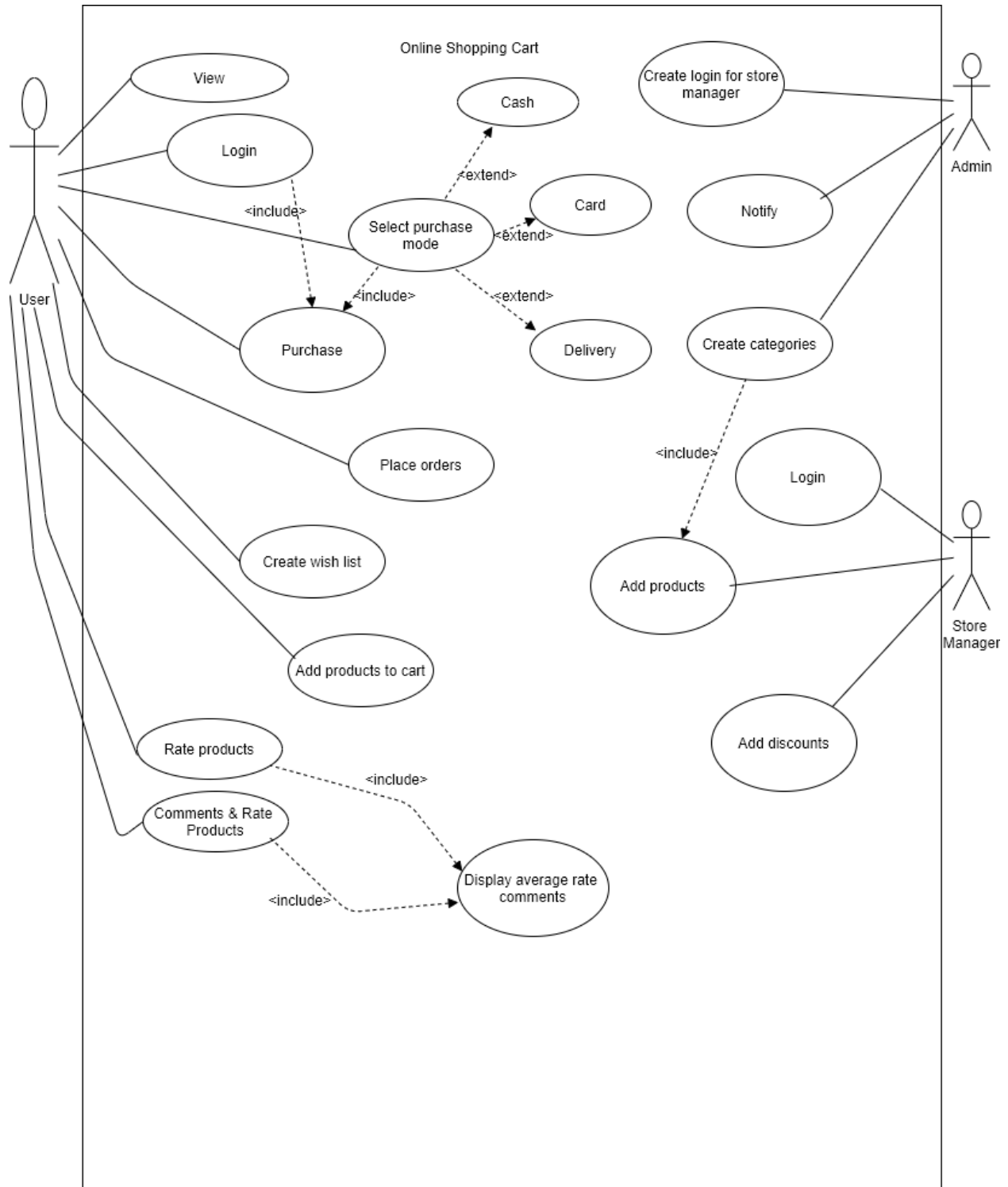
Product management - This component is for maintaining of the product management . This can include all functionalities related to product management .

Requirement and Analysis

It was not required for incorporating the requirement of the system .
But the detailed defined requirements were critically analyzed and
some design diagrams were sketched before the implementation .

Design

Use Case Diagram



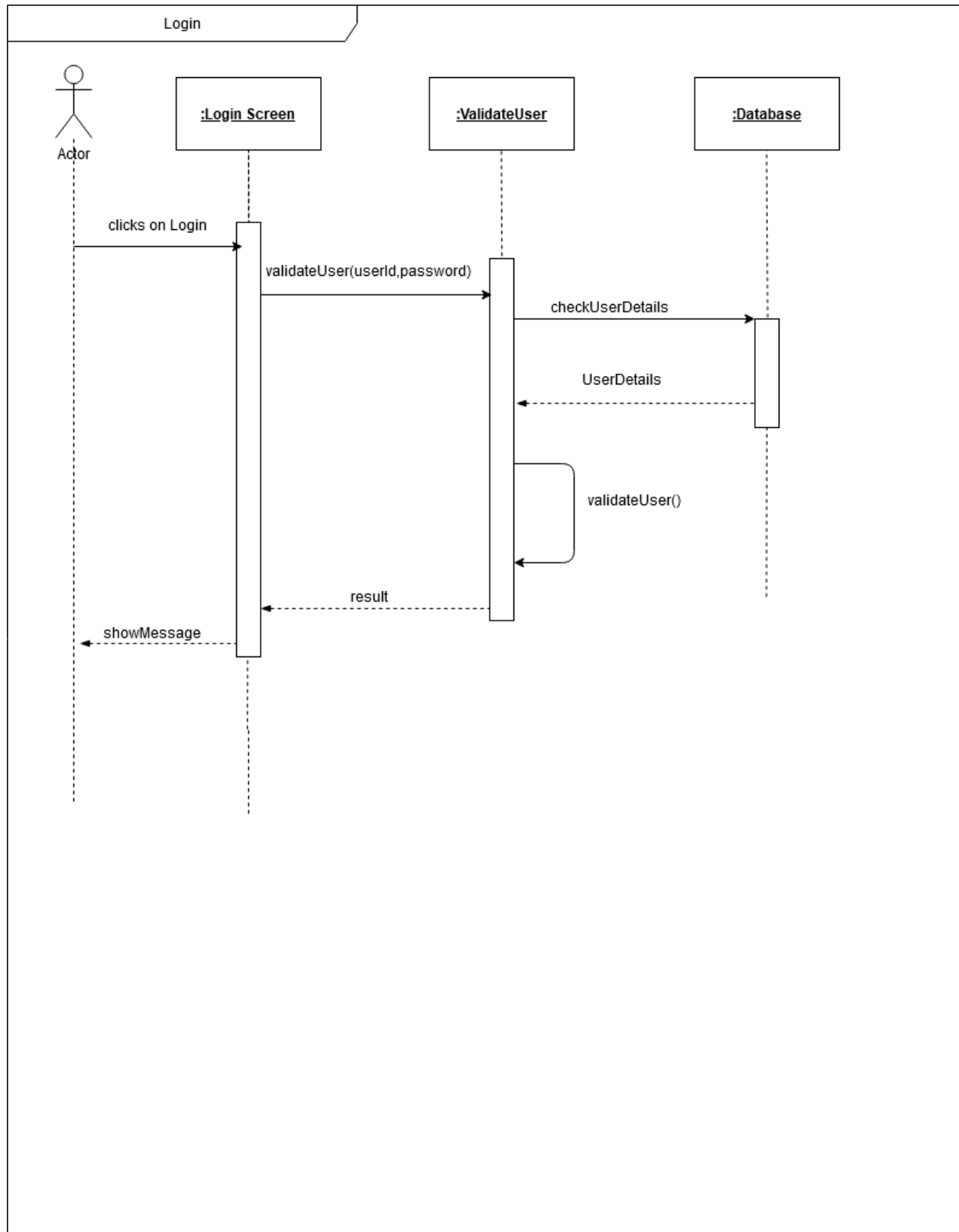
Our system model consist of 3 primary types of actors such as :

- User – Registered user and un registered user .
- Product manager .
- Admin .

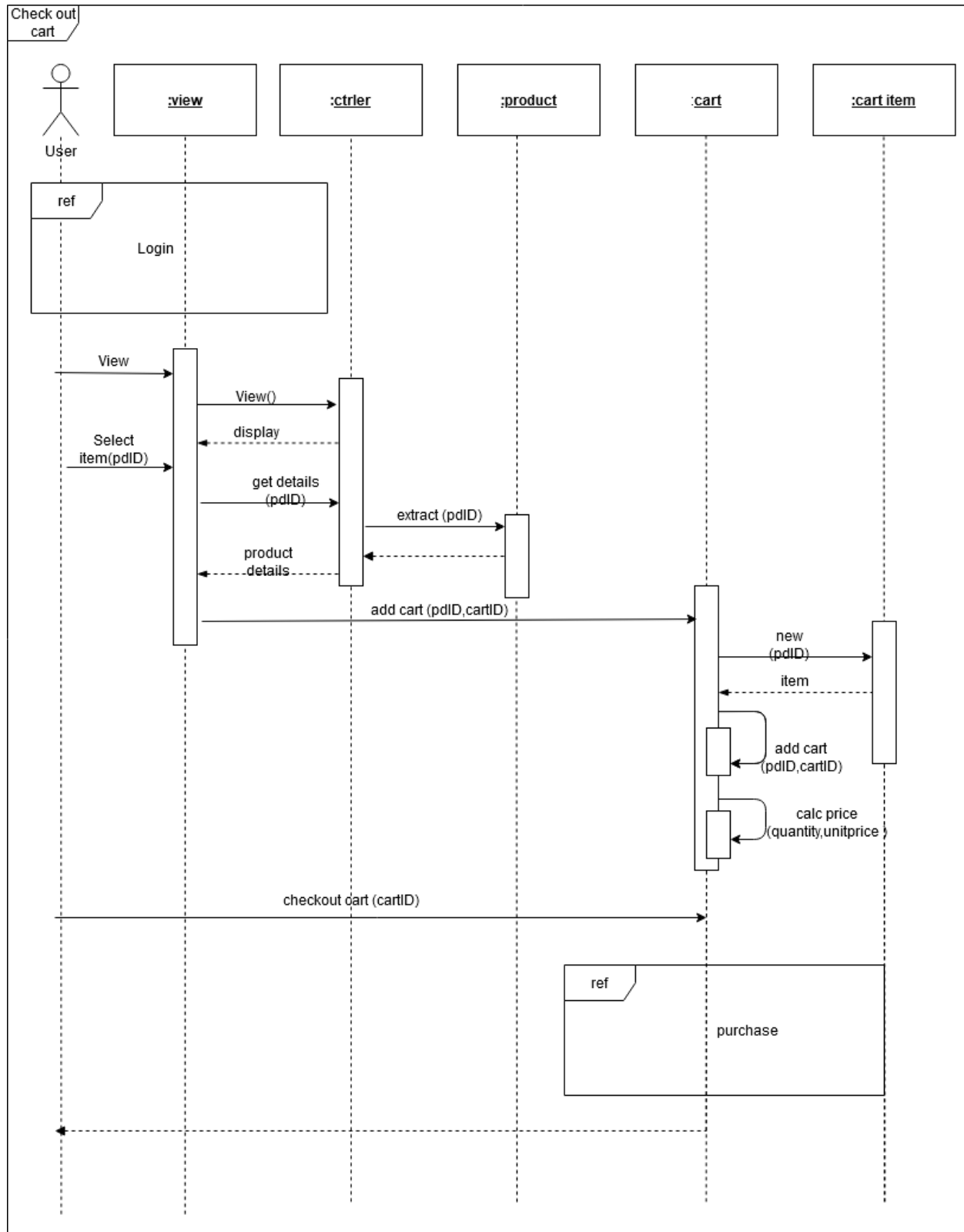
The inter connection among them were established as mentioned the requirements The sequence of work flow was also decided as it was mentioned in the detailed requirements . According to the details the below sequence diagrams were derived .

***** sequence diagram charts *****

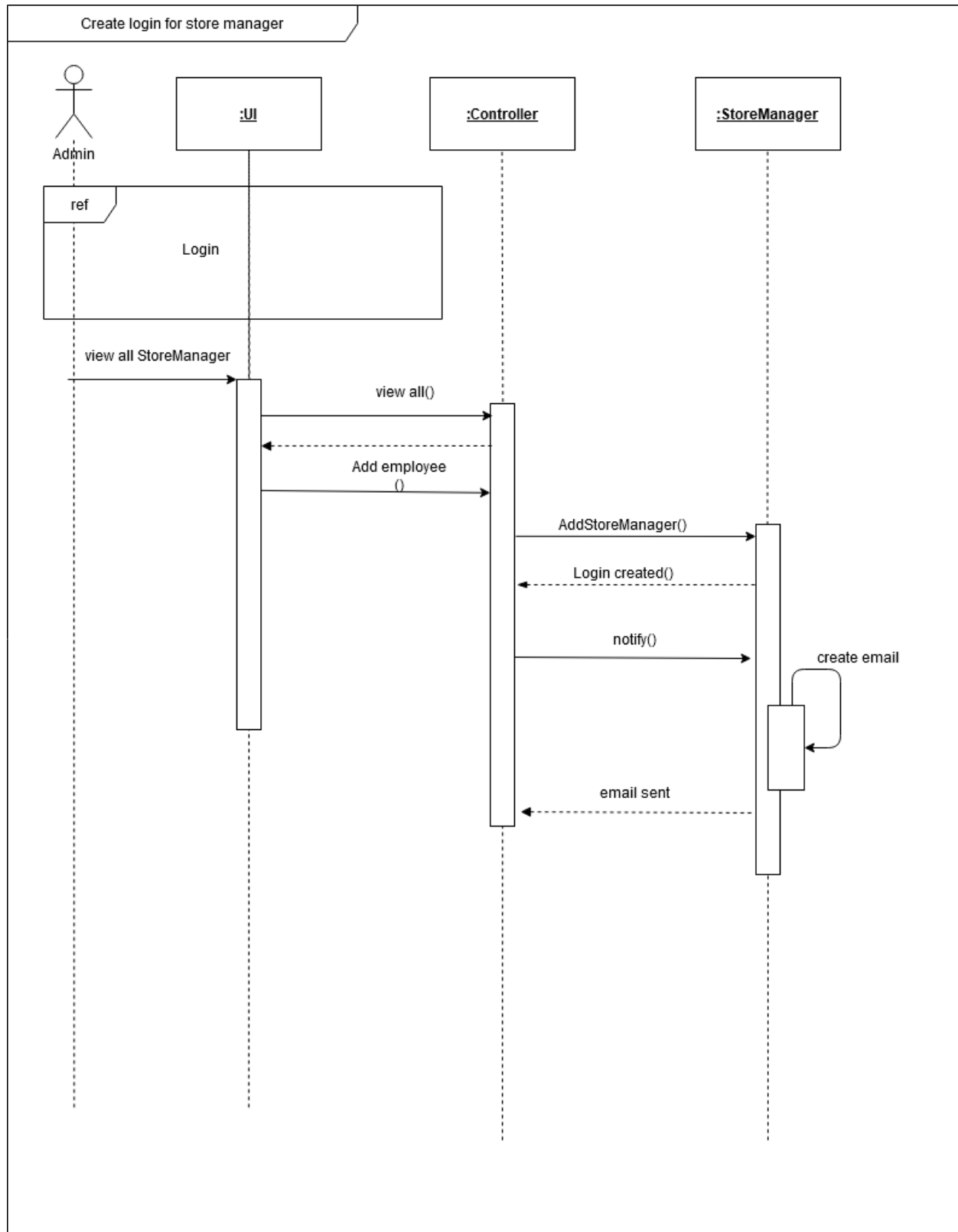
Login



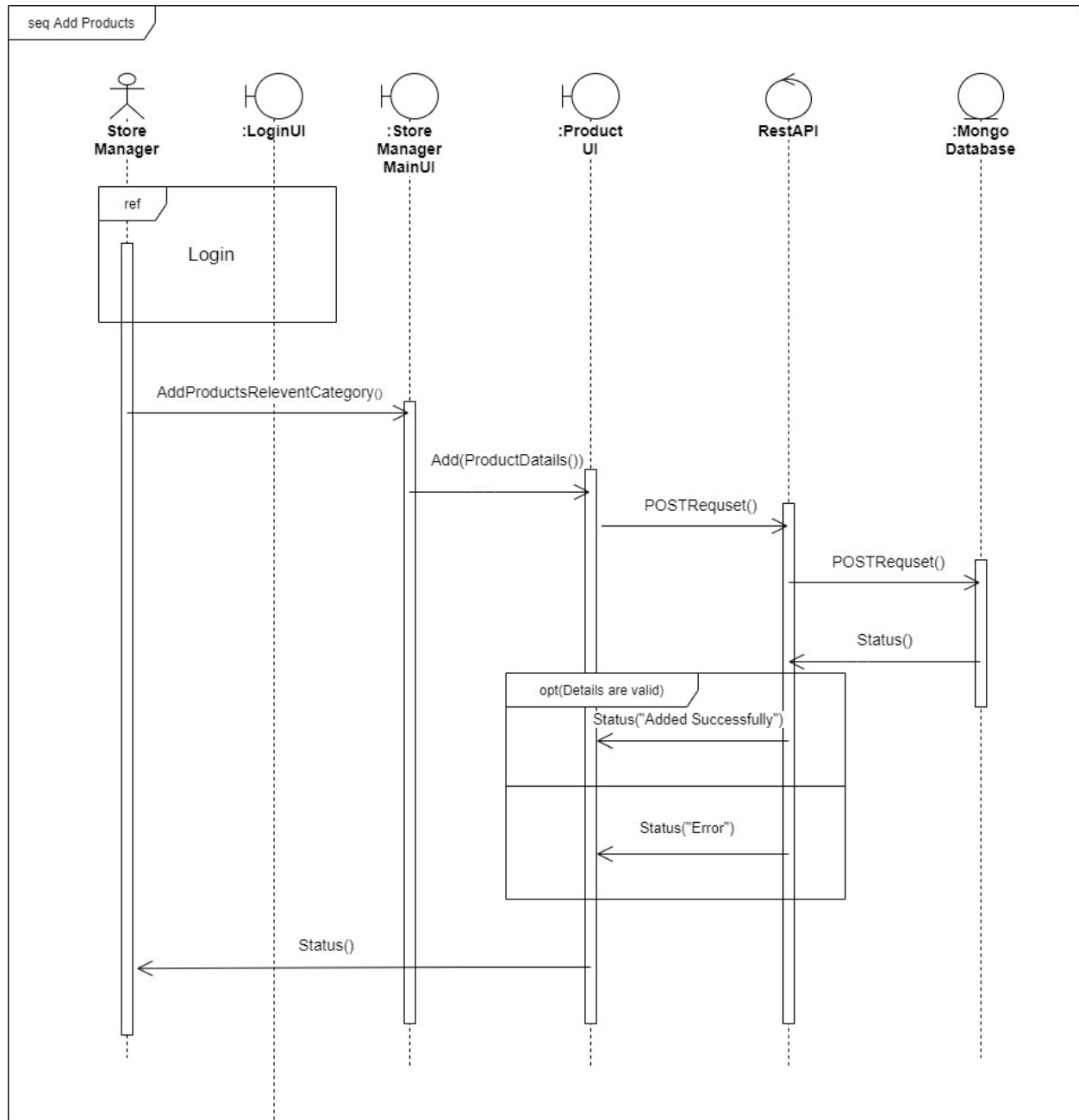
User Purchase



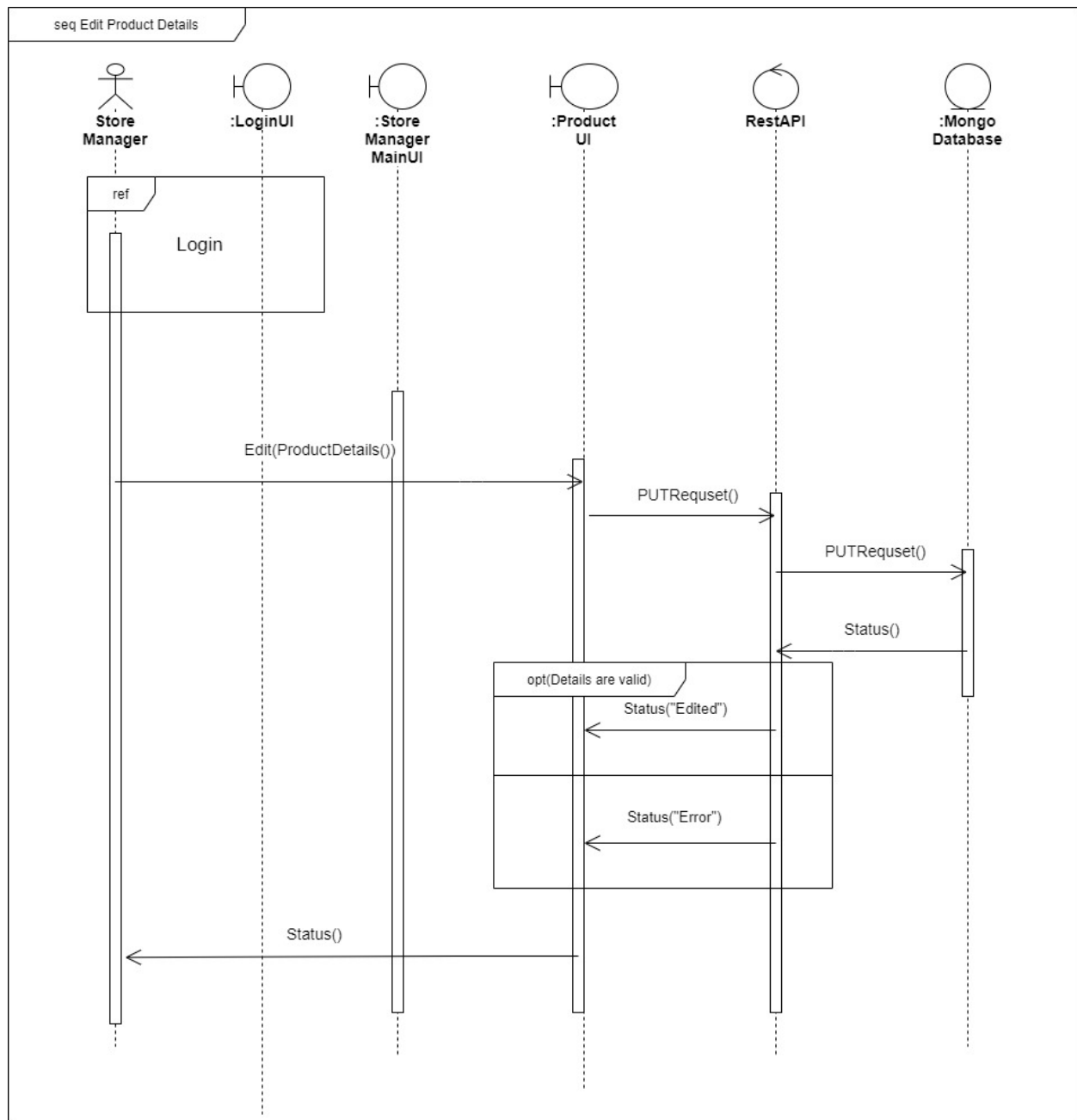
Create Login for Store Manager



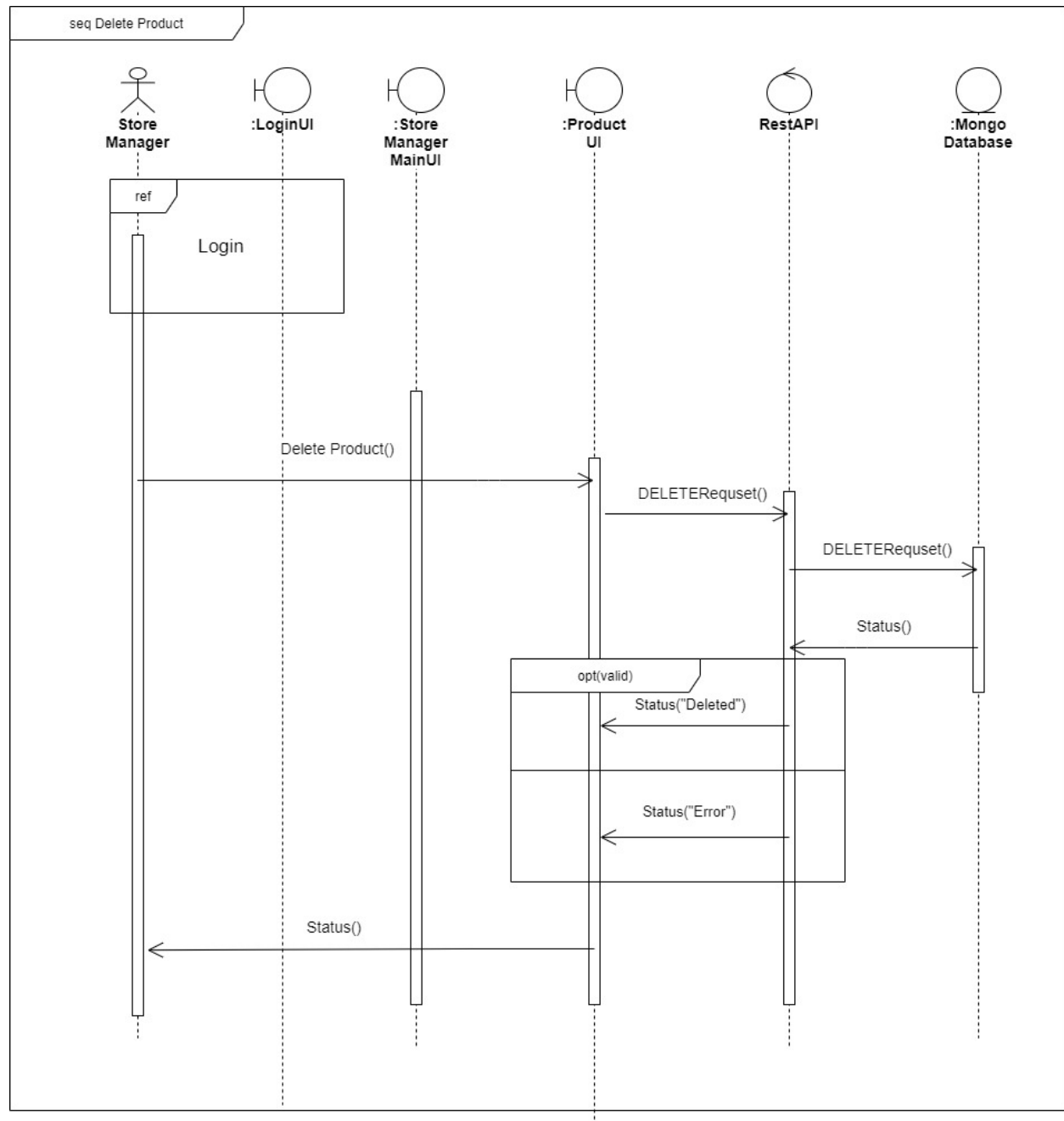
Store Manager Add Products Relevant Category



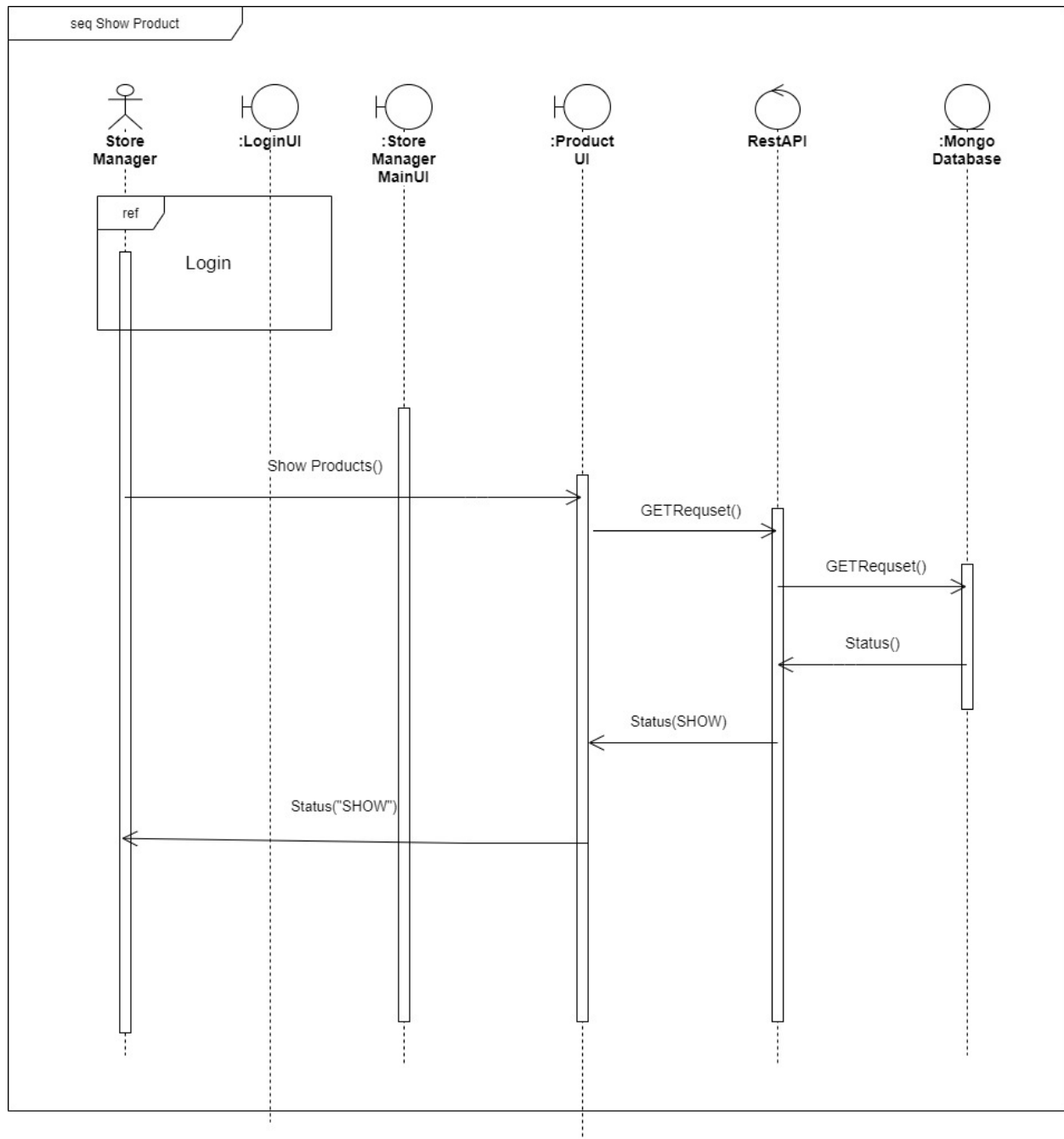
Store Manager Edit Products



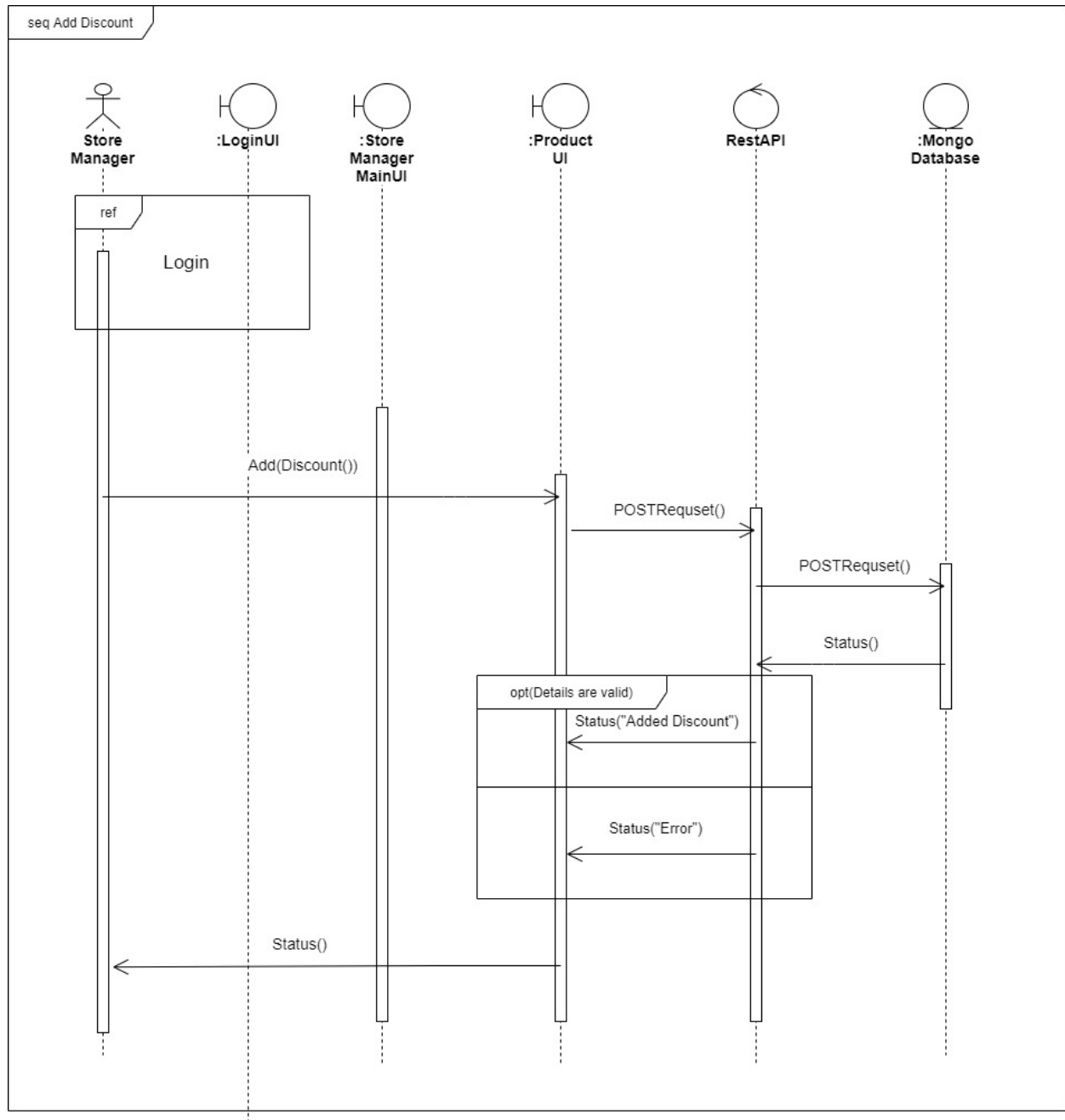
Store Manager Remove Products



Store Manager Added Products Show to User

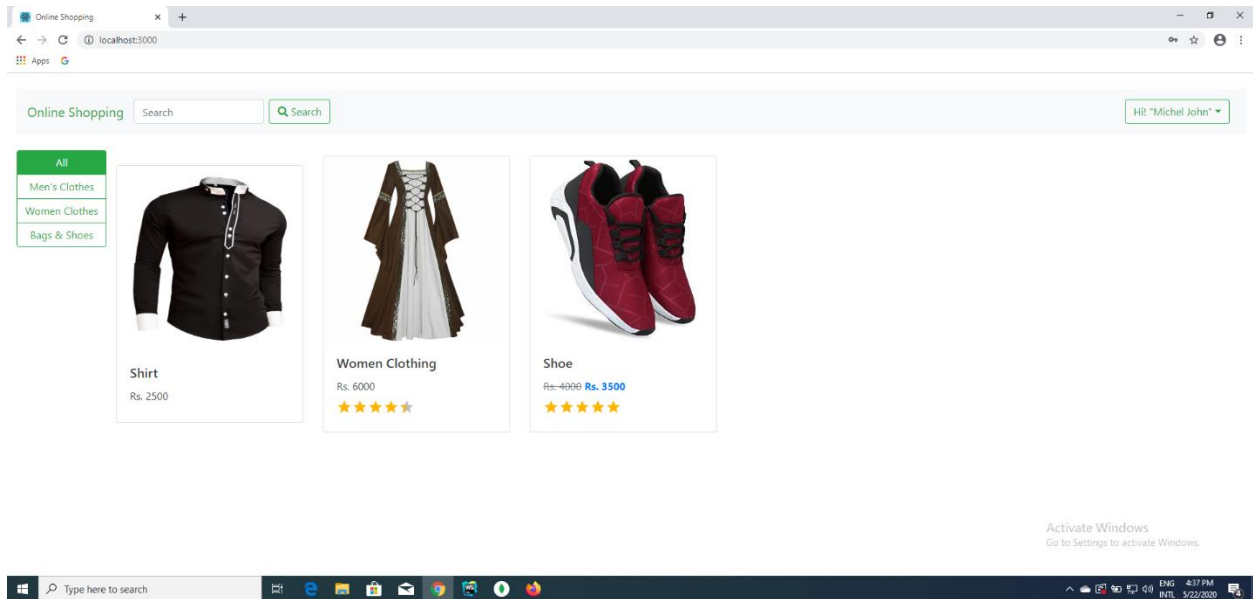


Store Manager Add Discount to Products



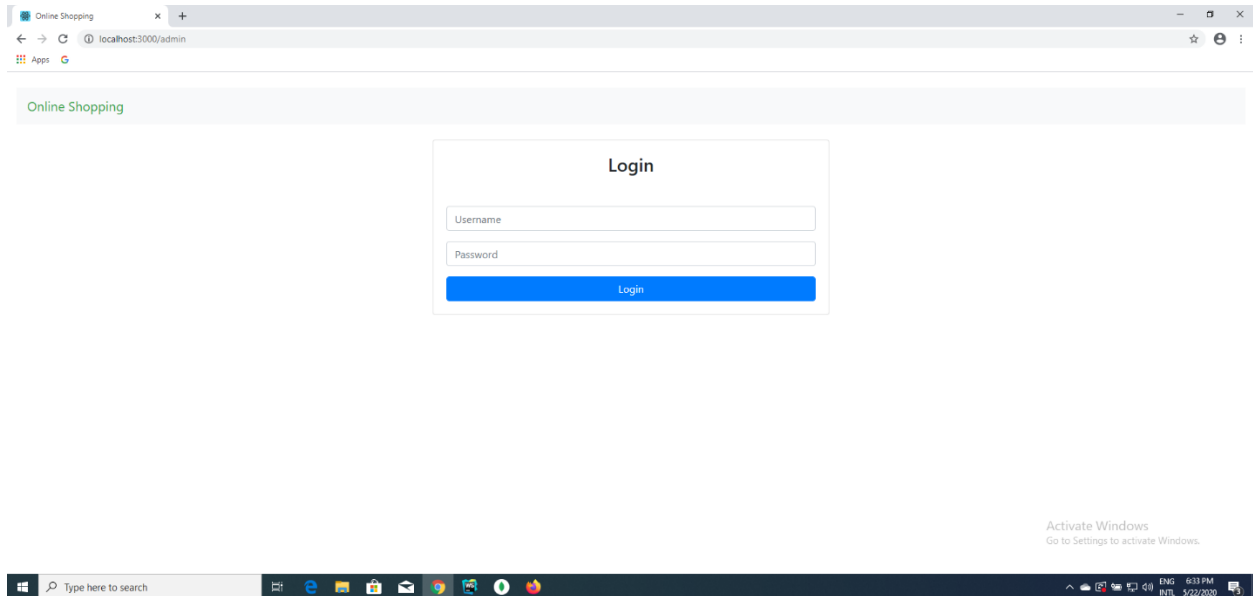
Main Page

Unregister User can view Product Items, Register user log in to the system and buy Product items. Register User can add to wishlist product items. User Can Add comment and rating product items



Admin category

Admin Login



The screenshot shows a web browser window with the title "Online Shopping". The address bar displays "localhost:3000/admin". The page has a light gray header with the text "Online Shopping" in green. The main content area features a white box titled "Login". Inside this box, there are two input fields: "Username" and "Password", followed by a blue "Login" button. The Windows taskbar at the bottom shows the search bar, taskbar icons, and system tray with the time 6:33 PM and date 5/22/2020. An "Activate Windows" watermark is visible in the bottom right corner.

Online Shopping

Login

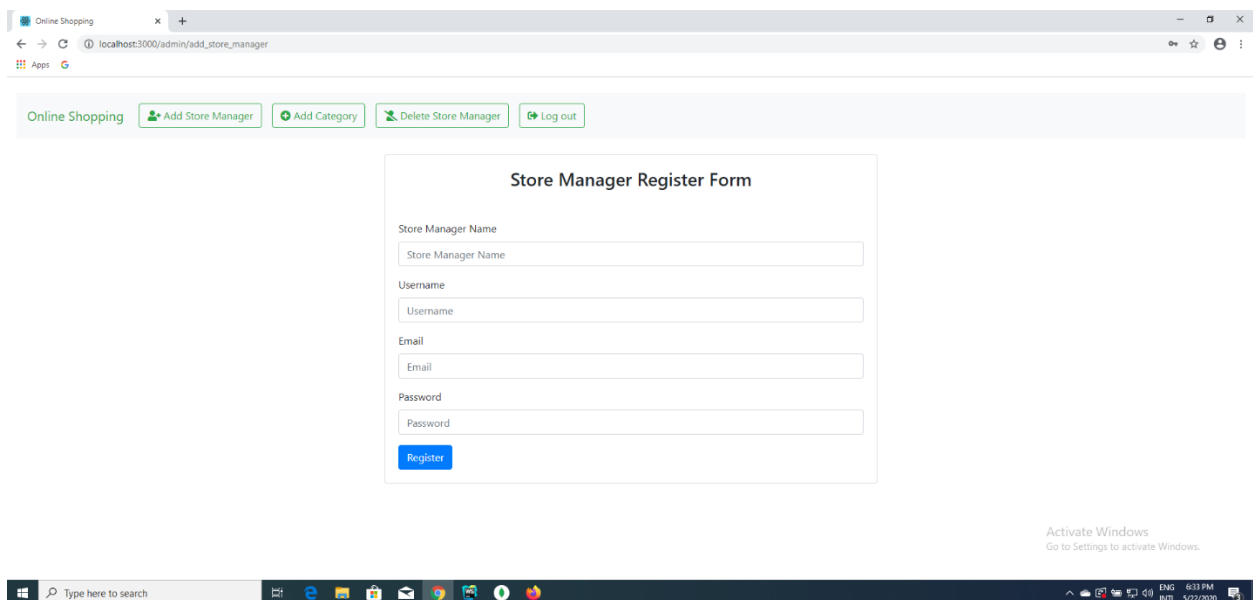
Username

Password

Login

Activate Windows
Go to Settings to activate Windows.

add store manger



The screenshot shows a web browser window with the title "Online Shopping". The address bar displays "localhost:3000/admin/add_store_manager". The page has a light gray header with the text "Online Shopping" in green. Below the header, there are four green buttons: "Add Store Manager", "Add Category", "Delete Store Manager", and "Log out". The main content area features a white box titled "Store Manager Register Form". Inside this box, there are four input fields: "Store Manager Name", "Username", "Email", and "Password", followed by a blue "Register" button. The Windows taskbar at the bottom shows the search bar, taskbar icons, and system tray with the time 6:33 PM and date 5/22/2020. An "Activate Windows" watermark is visible in the bottom right corner.

Online Shopping

Add Store Manager Add Category Delete Store Manager Log out

Store Manager Register Form

Store Manager Name

Store Manager Name

Username

Username

Email

Email

Password

Password

Register

Activate Windows
Go to Settings to activate Windows.

add category

The screenshot shows a web browser window with the address bar displaying 'localhost:3000/admin/add_category'. The page has a header with the text 'Online Shopping' and four buttons: 'Add Store Manager', 'Add Category' (highlighted with a green border), 'Delete Store Manager', and 'Log out'. The main content area contains a form titled 'Add Category'. The form has a label 'Category Name' above a text input field. Below the input field is a blue 'Submit' button. At the bottom right of the browser window, there is a Windows taskbar with a search bar and several application icons. A watermark 'Activate Windows Go to Settings to activate Windows.' is visible in the background.

Online Shopping

Add Store Manager Add Category Delete Store Manager Log out

Add Category

Category Name

Category Name

Submit

Activate Windows
Go to Settings to activate Windows.

Update User Profile

The screenshot shows a web browser window with the address bar displaying 'localhost:3000/change_password'. The page has a header with the text 'Online Shopping', a search bar, and a dropdown menu showing 'HR: "Ahmad Ahkam"'. The main content area contains a form titled 'Change Password'. The form has three labels: 'Current Password', 'New Password', and 'Confirm New Password', each followed by a text input field. Below the input fields are two buttons: a blue 'Update Password' button and a red 'Cancel' button. At the bottom of the browser window, there is a Windows taskbar with a search bar and several application icons.

Online Shopping

Search Search

HR: "Ahmad Ahkam"

Change Password

Current Password

Current Password

New Password

New Password

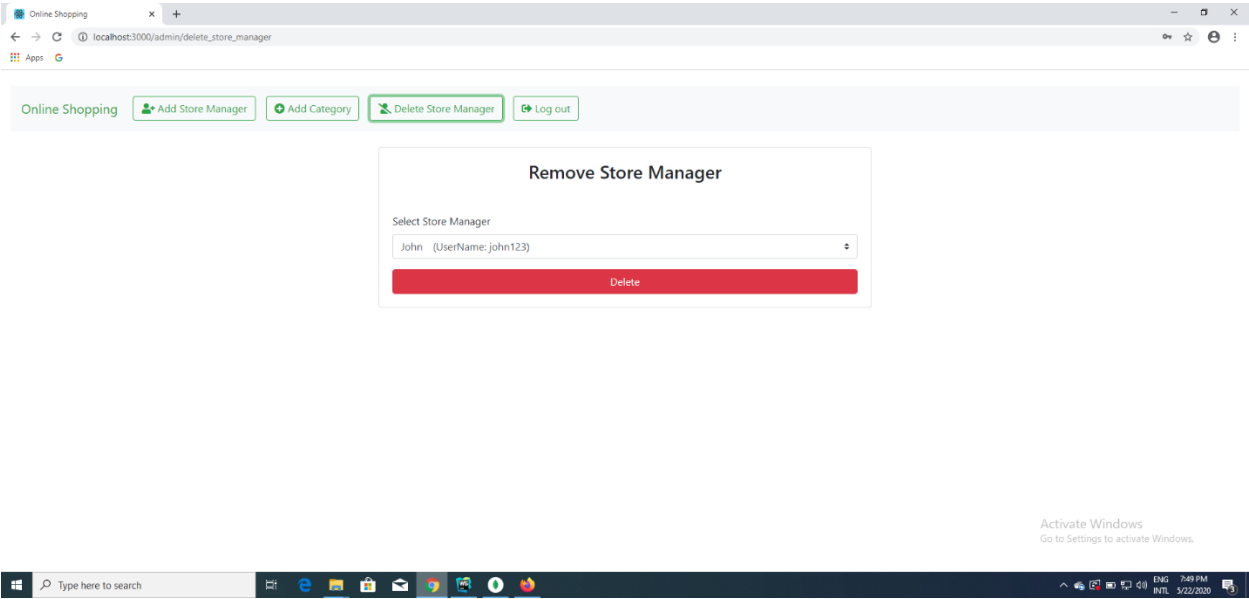
Confirm New Password

Confirm New Password

Update Password

Cancel

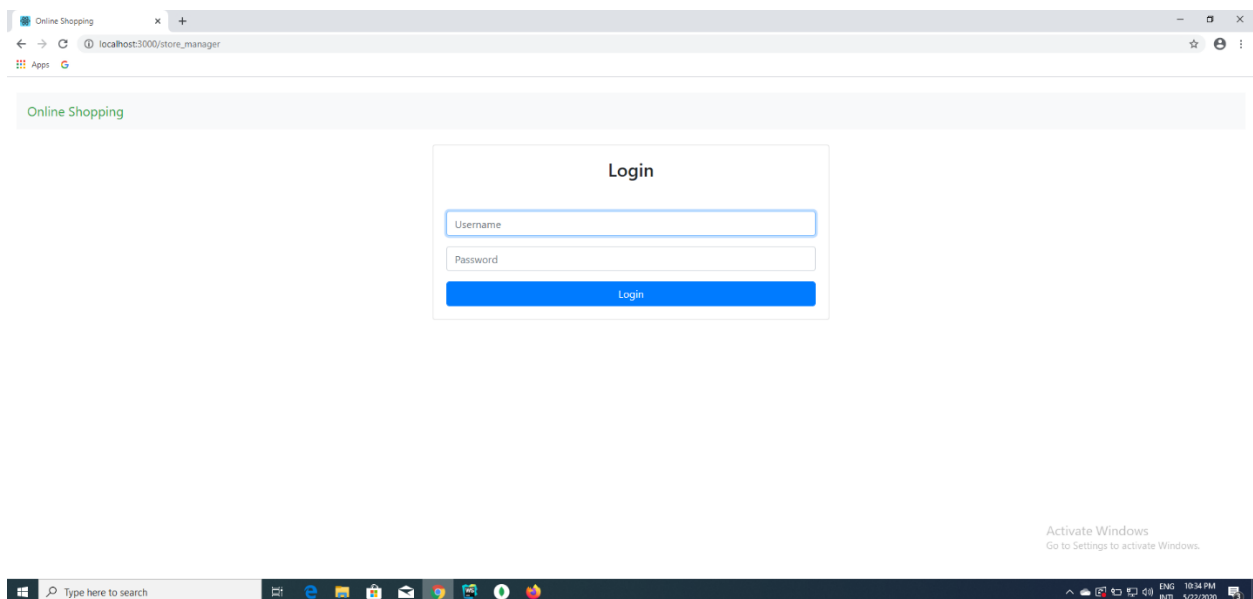
delete store manager



Store Manager category

Admin create store Manager Login. Then Store Manager Can log in to the system. Store Manager can add products in to relevant categories. User can look products in UserHome. Store Manager can update products and Remove Products.

Login



Online Shopping

login

Username

Password

Login

Activate Windows
Go to Settings to activate Windows.

Type here to search

18:34 PM
5/22/2020

add product

Online Shopping [Add Product](#) [Add Discount](#) [Update Product](#) [Delete Discount](#) [Log out](#)

Add Product

Product Title

Product Description

Category

Select One Category

Price in LKR

Stock Amount

Count

Upload the image

Choose file [Browse](#)

[Add Product](#)

Activate Windows
Go to Settings to activate Windows.

update product

Update Product

Select Product

Shoe

[Delete](#)

Edit Product

Product Title

Shoe

Product Description

Shoe for men

Category

Bags & Shoes

Price in LKR

4000

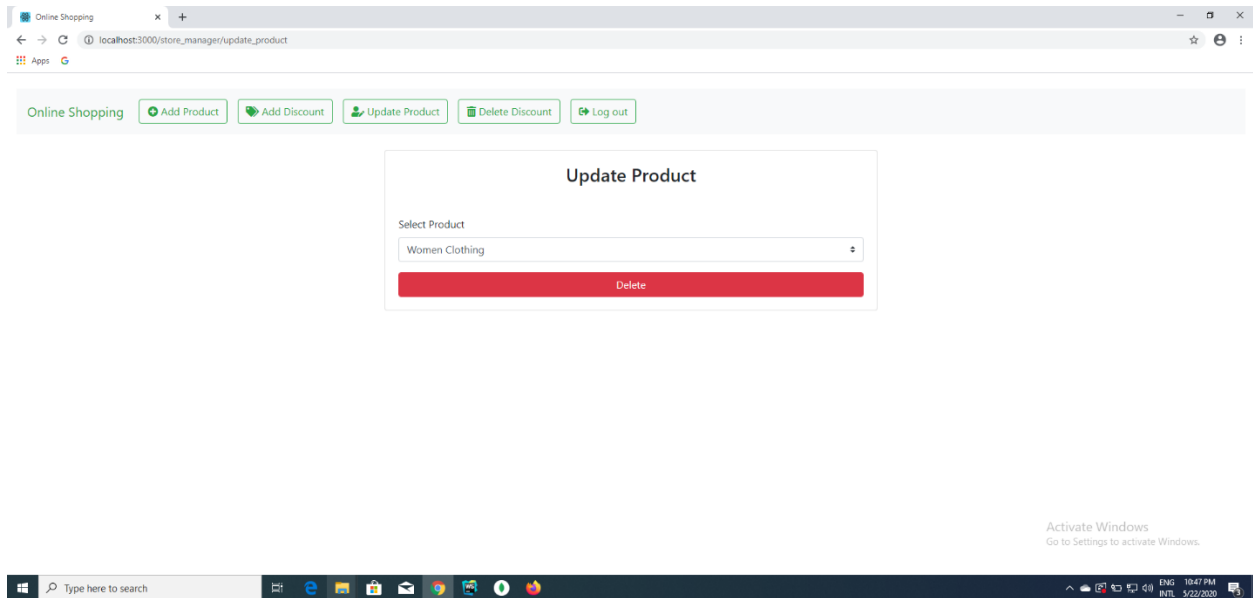
Stock Amount

1000

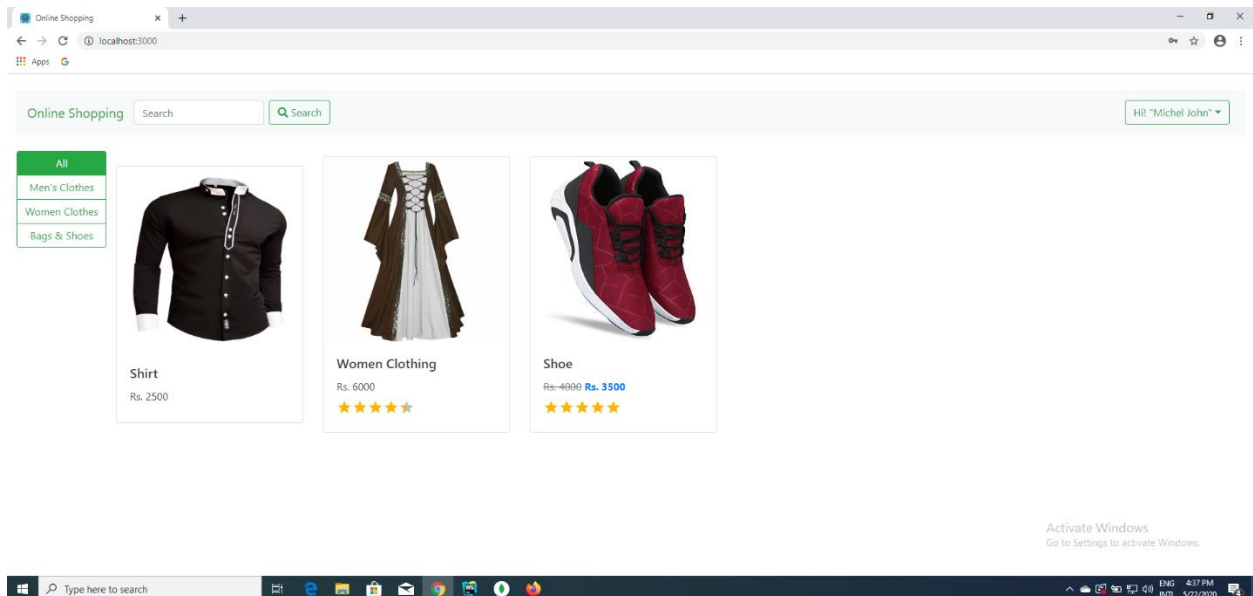
[Update Product](#)

Activate Windows
Go to Settings to activate Windows.

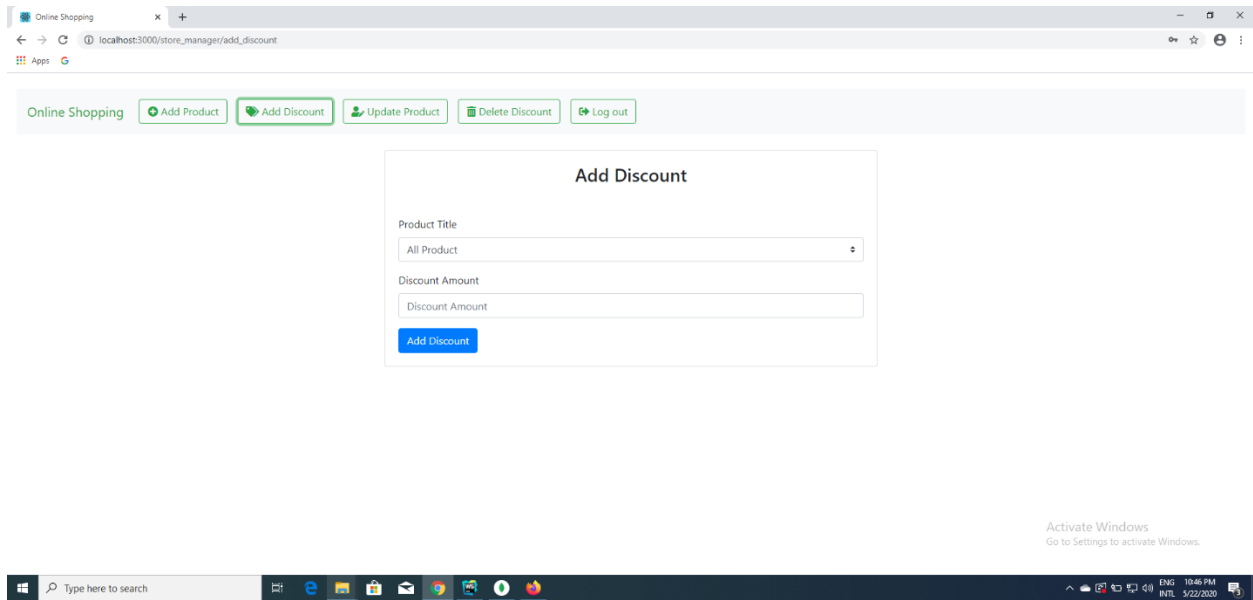
delete product



Show Products

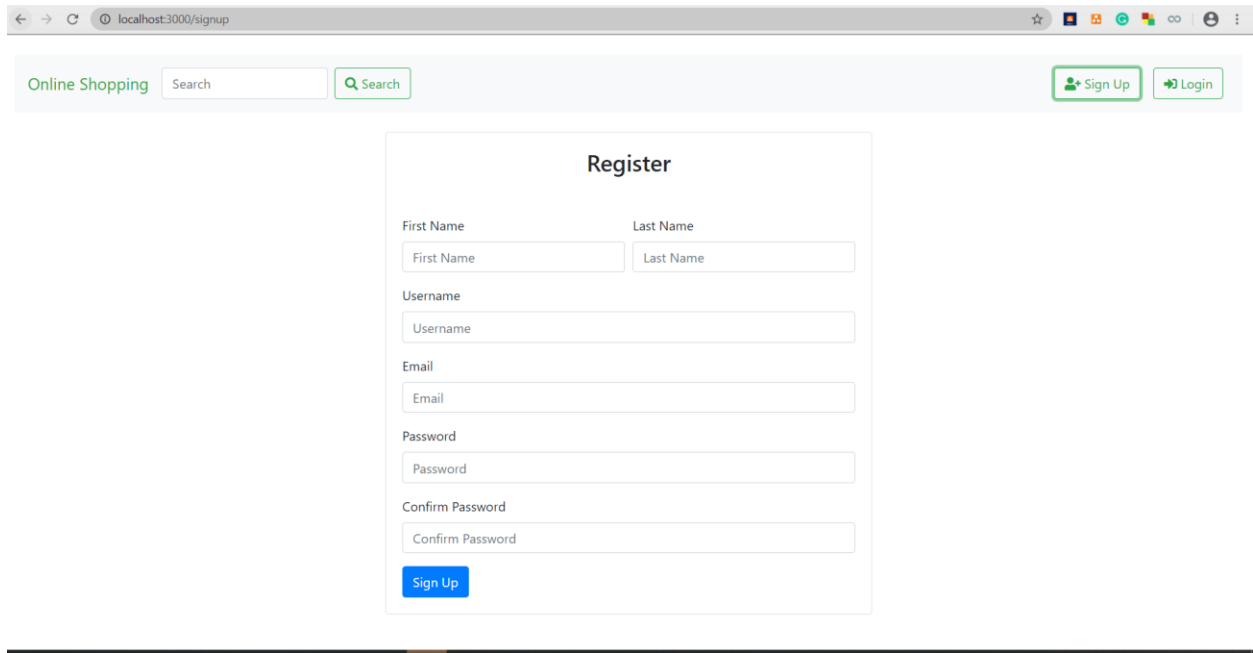


Add Discount



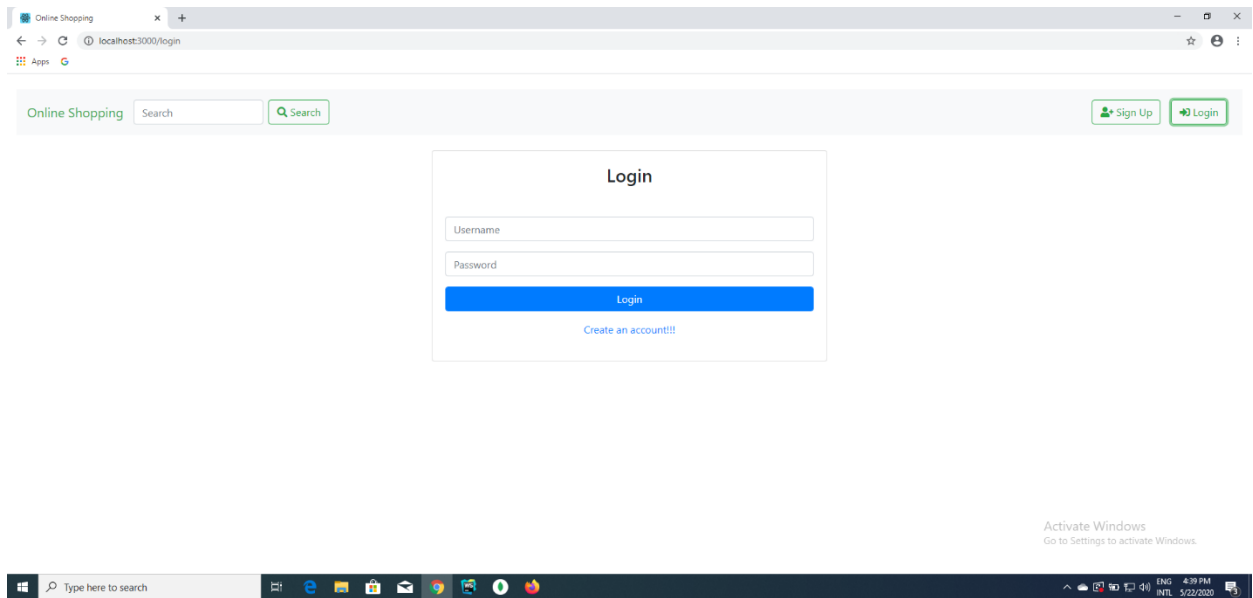
User category

User Registration



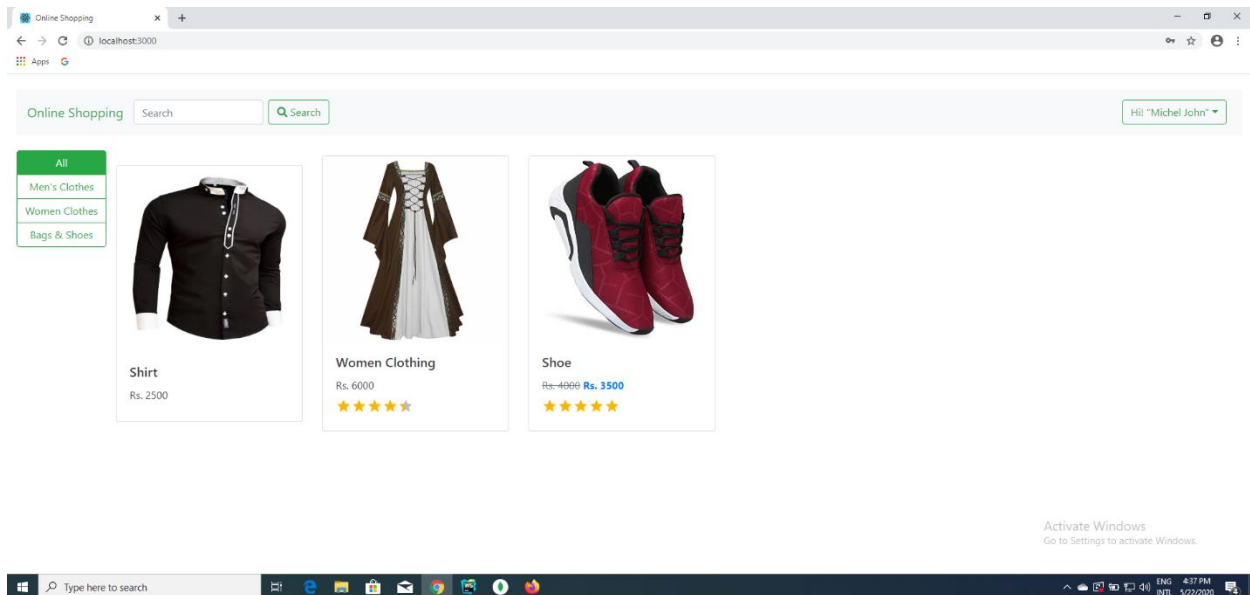
The screenshot shows a web browser window with the address bar displaying 'localhost:3000/signup'. The page has a header with 'Online Shopping' on the left, a search bar in the center, and 'Sign Up' and 'Login' buttons on the right. The main content area features a 'Register' form with the following fields: 'First Name' and 'Last Name' (split into two input boxes), 'Username', 'Email', 'Password', and 'Confirm Password'. A blue 'Sign Up' button is located at the bottom of the form.

User Login

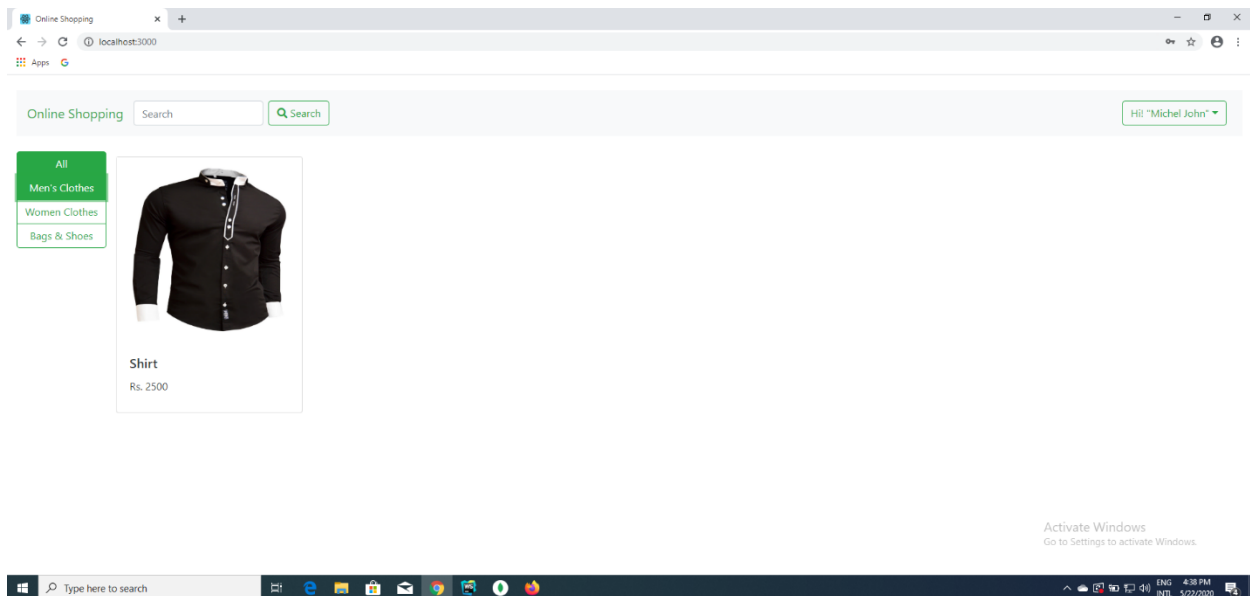


The screenshot shows a web browser window with the address bar displaying 'localhost:3000/login'. The page has a header with 'Online Shopping' on the left, a search bar in the center, and 'Sign Up' and 'Login' buttons on the right. The main content area features a 'Login' form with the following fields: 'Username' and 'Password'. A blue 'Login' button is located below the password field. Below the login button is a link that says 'Create an account!!!'. At the bottom of the browser window, there is a Windows taskbar with the search bar and several application icons. In the bottom right corner of the browser window, there is a message that says 'Activate Windows Go to Settings to activate Windows.'

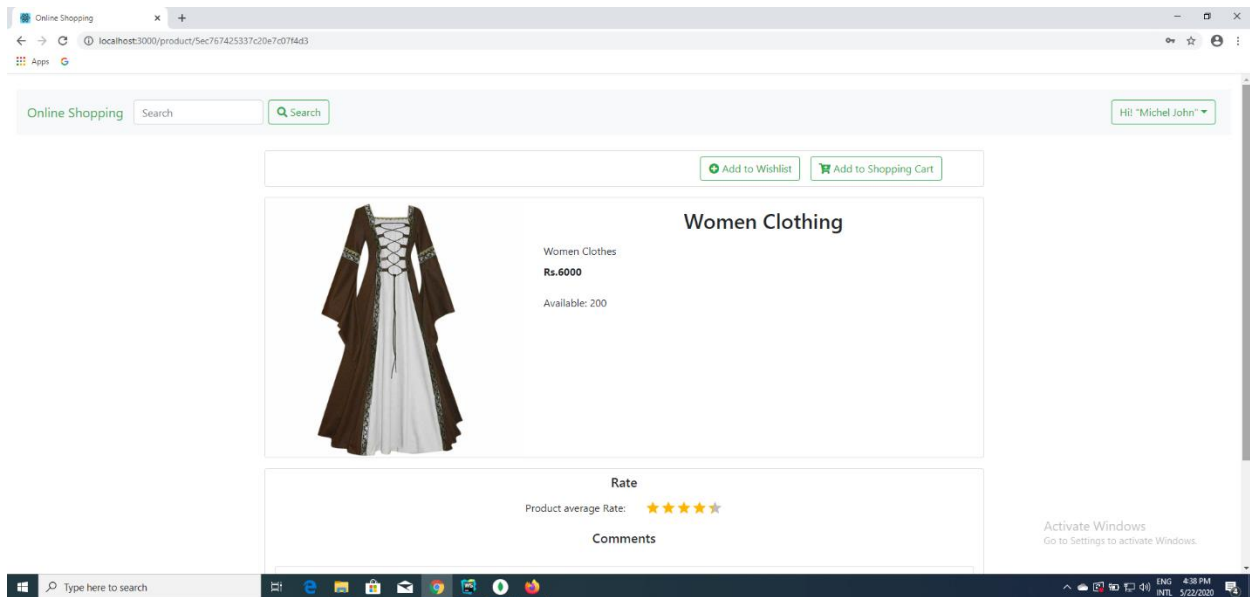
User Show Home Page



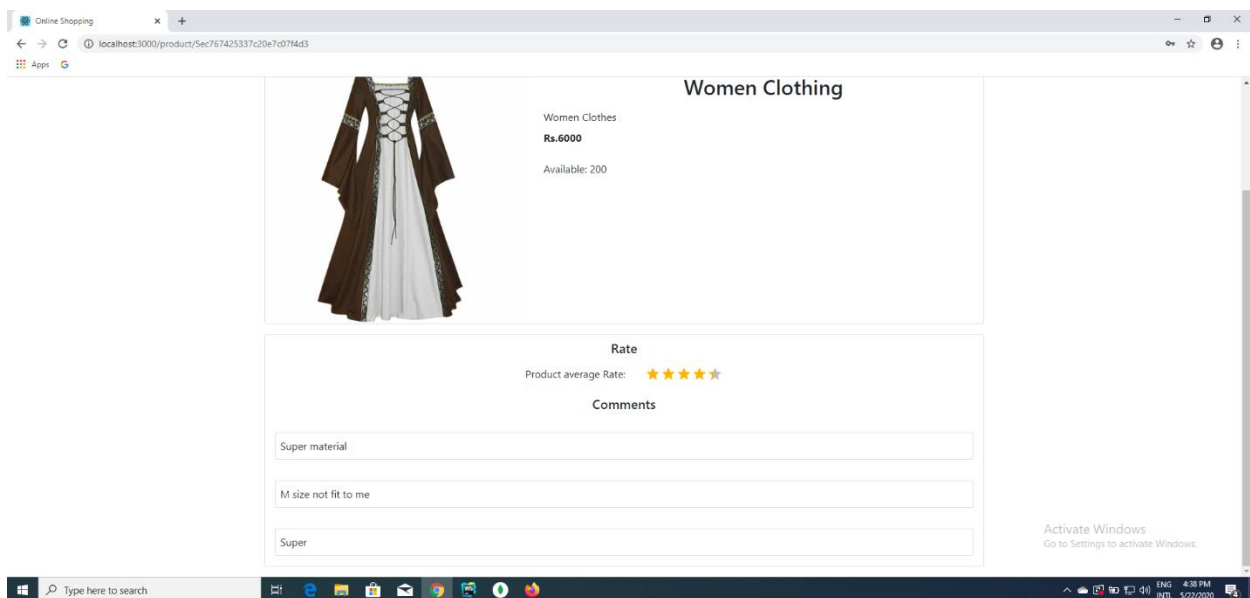
select product by category



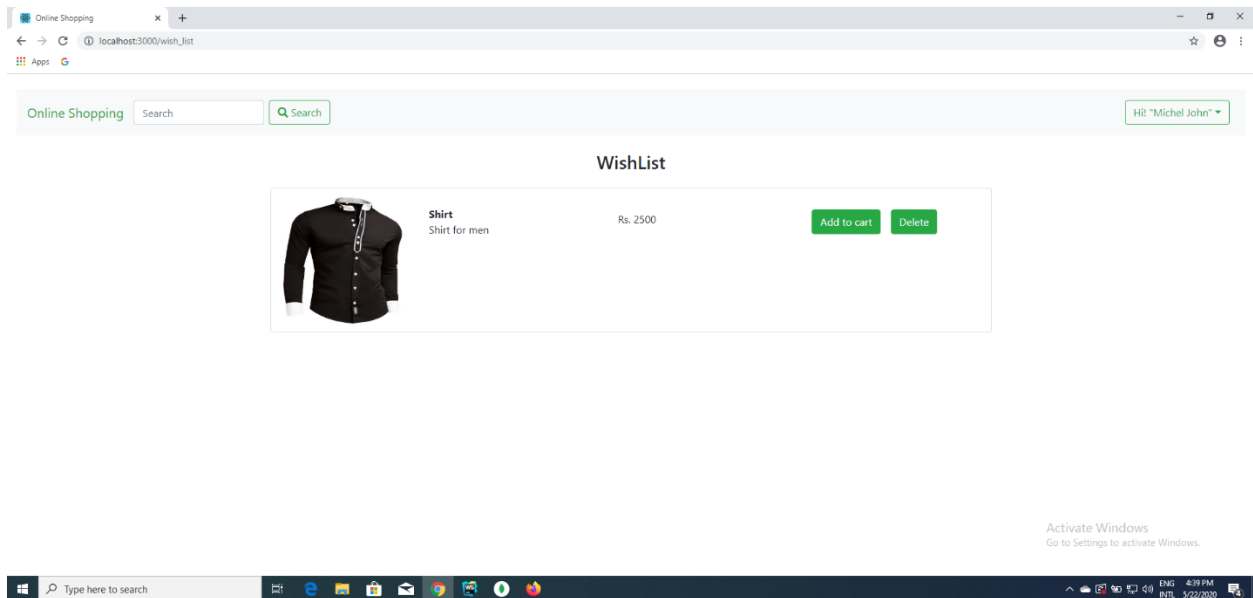
select unique product 1



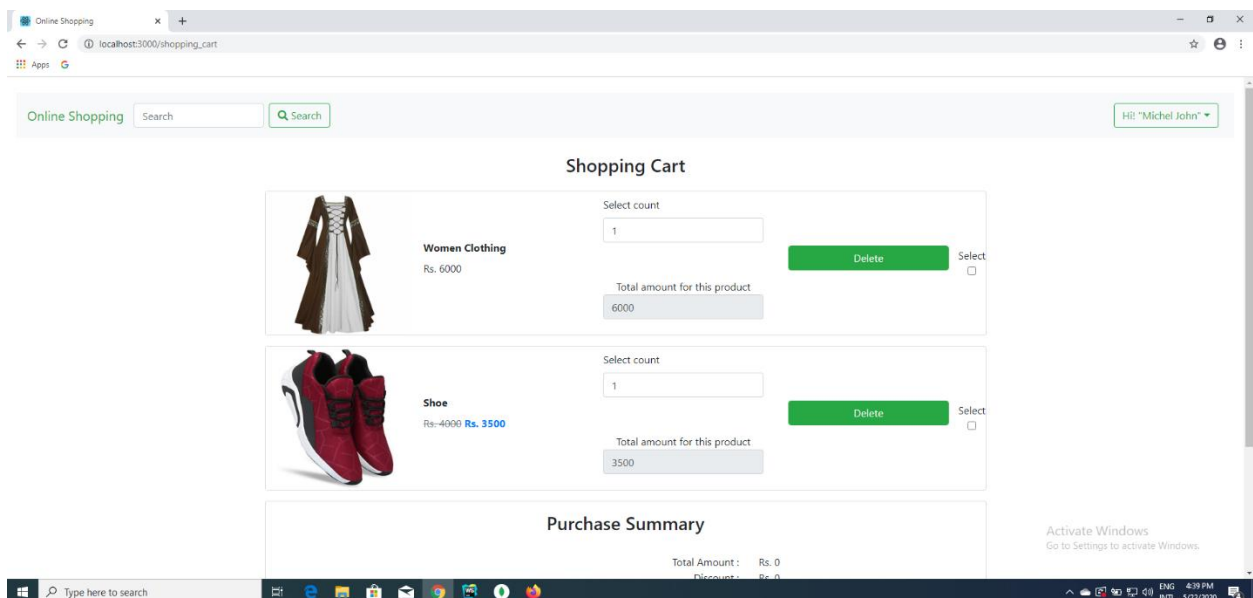
select unique product 2



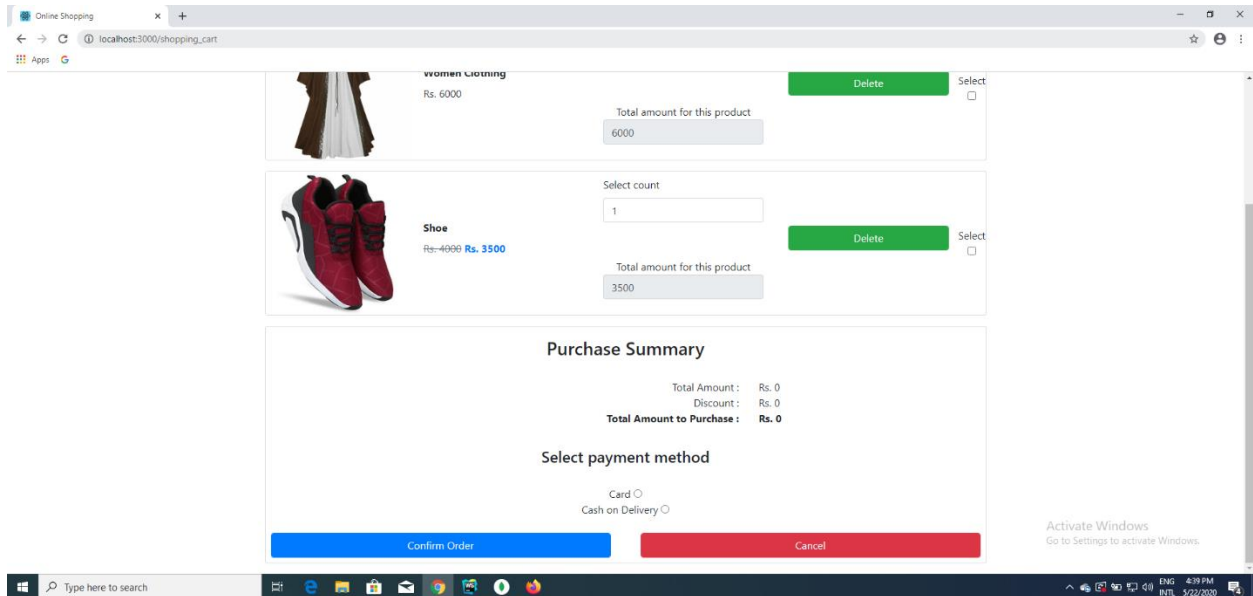
Wishlist



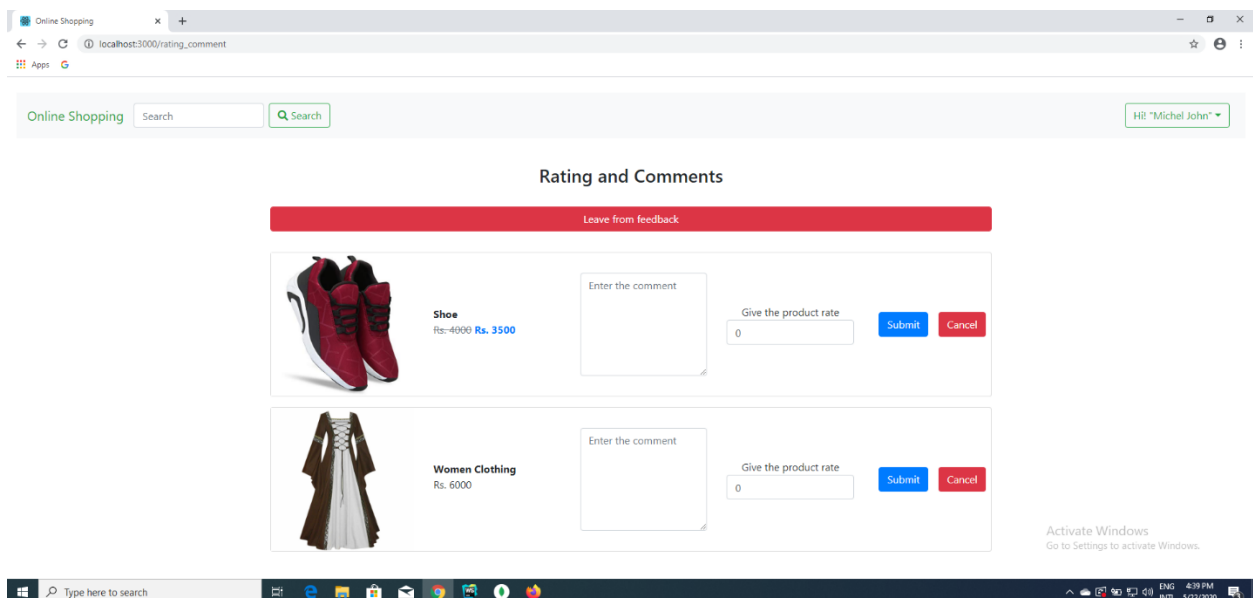
shopping cart 1



shopping cart 2



rating, Comment and review



Thank YOU!