



Sri Lanka Institute of Information Technology

BSc (Hons) In Information Technology –Software Engineering

Online shopping store

Group project

Application Frameworks (SE3040)

Year 3, Semester 1 – 2020

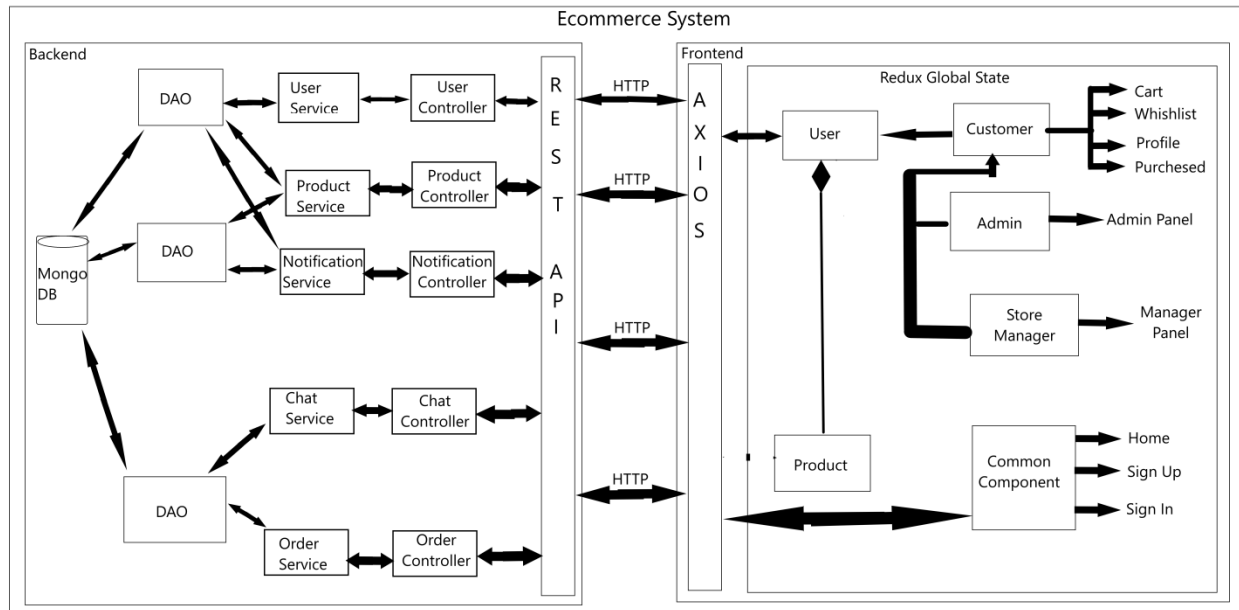
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High Level Diagram



User Roles

Customer

We can see two types of customer in our system. Those are registered customer and unregistered user. We offer different services for those two customers in our system.

1. Registered user
 - Registered customer can view and buy products through the web site.
 - They can manage their profiles and their user details
 - Users can use services such as adding product to the wish list and shopping cart for immediate or future purchases
 - User can use the 'Chat app' in order to communicate with the admin/store manager regarding any issues, it is our solution for customer service
2. Unregistered user
 - Unregistered users can only view products on the website
 - If they wish to access any more features they can sign up as a registered user

Store Manager

- Store manager can add, update and delete new product details
- Store manager also has access to add discount offers for products

Admin

- Admin can administer the website; adding product categories
- Admin can add store manager
- Admin can manage customer profiles
 - ✓ Resetting user passwords
 - ✓ Delete user

Components

1. Sign up and Login

Unregistered users can use sign up page to register themselves. Then users who have registered can use the login page to login to the website.

2. Home page

This page can be viewed by any user. But user can only use services other than viewing products such as adding to wish list, purchasing products and chatting must be registered users.

Registered users can rate and add comments to products, they can also use the Chat App and other services provided by the application.

3. Profile

When customers register to the system, a profile is created for them by default. If users wish to change any of their details, they can use this service.

4. Shopping Cart

When a user wishes to purchase a product, they must first add the product along with the desired quantity to the shopping cart. The shopping card component will compute the total value to be paid, from there user can proceed to checkout.

5. Wish list

If a user wishes to save a product to purchase in the future, they can use the wish list function.

6. Purchases

This is the process following the shopping cart where user adds payment details and confirms their payment. The purchases can be viewed by the user.

7. Chat app

Users can interact with customer service agents through this function. It is only accessible for registered users.

8. Notification

This is a function where user gets notifications from the store manager, related to product updates.

9. Manager panel

This is the interface accessed by the store manager. Here user can manage products such as add products, update products and delete products.

10. Admin panel

This function deals with all the available functions in the application. Admin can access products where they can update, delete and add.

Admin can also manage users with features such as deleting users and resetting user passwords.

Link to GitHub:

<https://github.com/IT18112160/OnlineShoppingStore>