

5.4. User Interface Design

This segment offers a visual overview of the finely crafted user interface for both the regular user and admin facets of the application. The intuitive design is crafted to improve user experience, guaranteeing smooth navigation and evident interaction areas. From browsing products to managing orders, each aspect has been meticulously developed to emphasize accessibility and effectiveness. Delve into interfaces that aid users and admins in fulfilling their roles within the e-commerce framework. Immerse in a user-focused experience that revolutionizes e-commerce accessibility and convenience.

5.4.1. General Module

In this section, the modules included cover functionalities available in both the user and admin modules.

The welcome page serves as the initial landing page of the application, providing users and admins with options to either log in to existing accounts or register new ones.

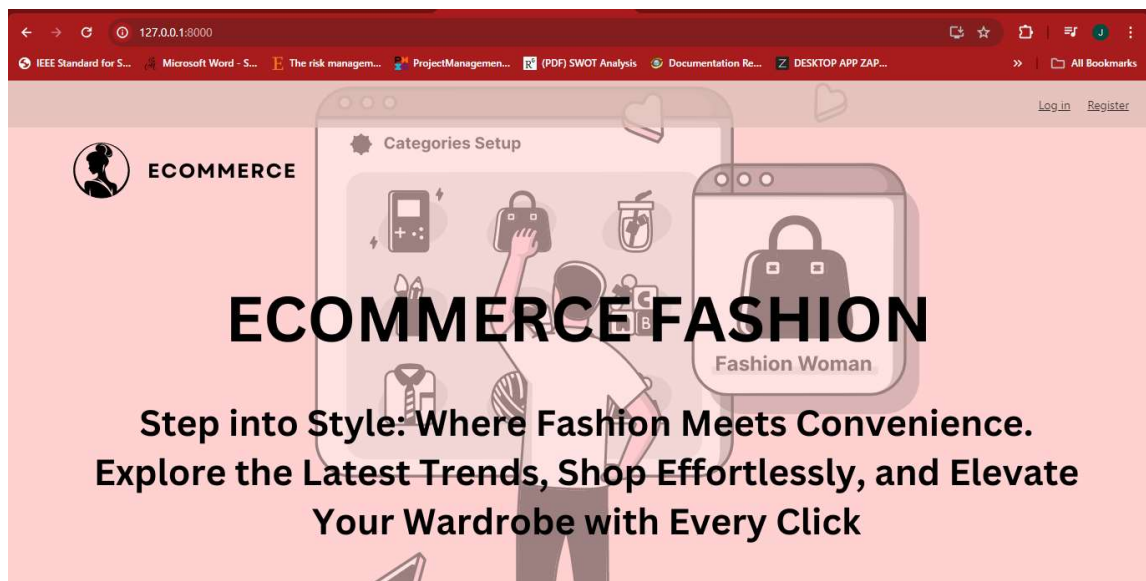
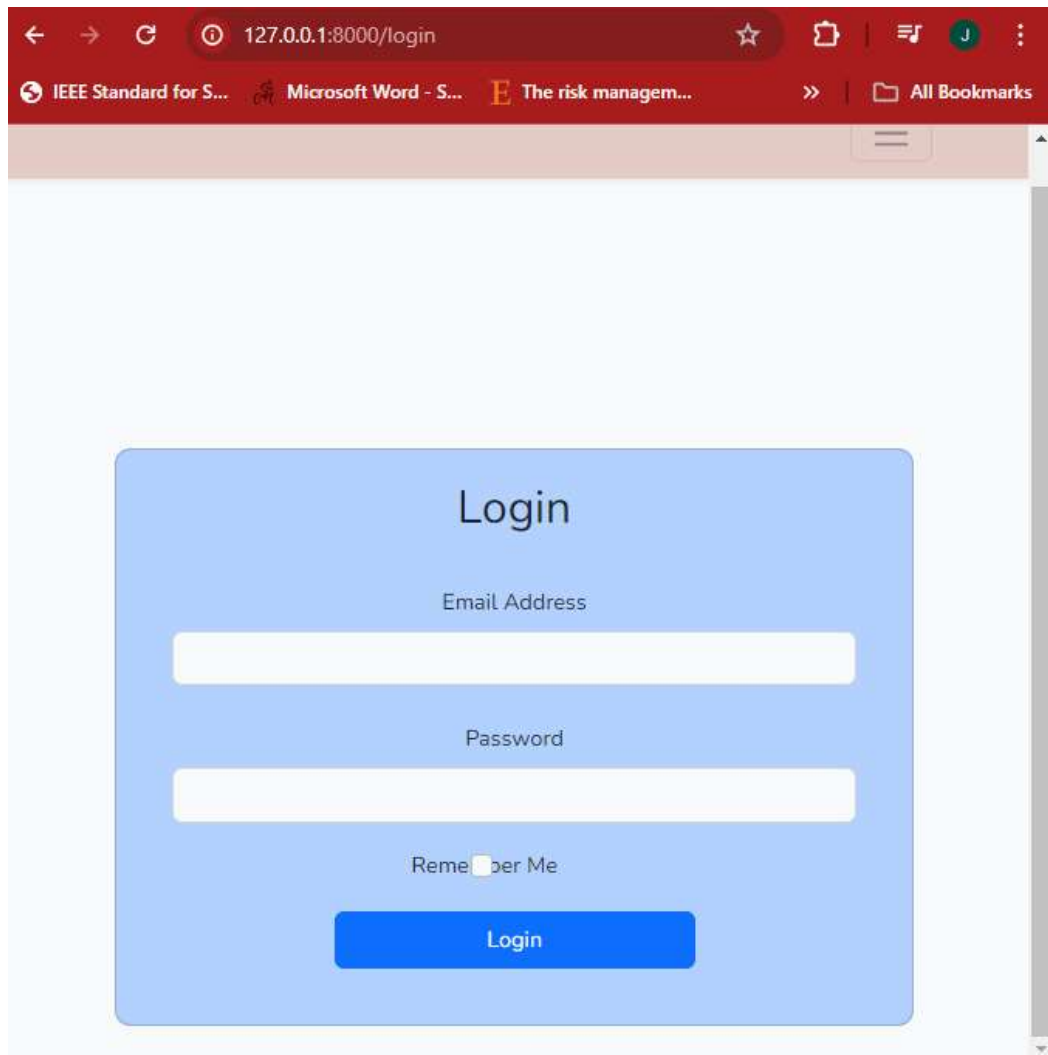


Figure 5.18: Home page screen

The figure below depicts the login screen, allowing users to access the application. Users are required to enter a valid email address and password to log in.

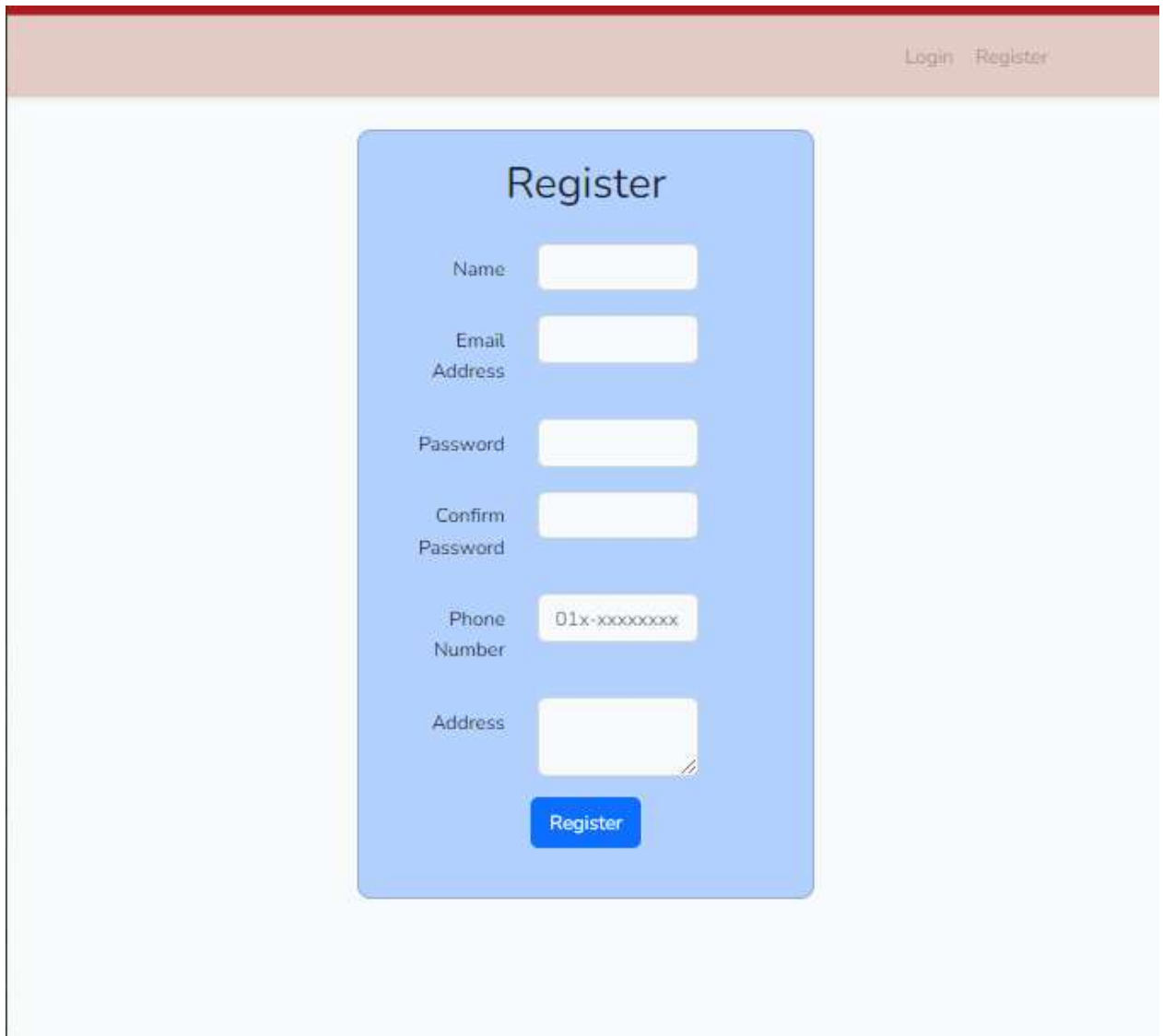


The image shows a web browser window with a red address bar displaying the URL `127.0.0.1:8000/login`. The browser's tab bar shows three open tabs: "IEEE Standard for S...", "Microsoft Word - S...", and "The risk managem...". The main content area of the browser displays a login form on a light blue background. The form is titled "Login" and contains the following elements:

- An "Email Address" label above a white input field.
- A "Password" label above a white input field.
- A "Remember Me" checkbox.
- A blue "Login" button.

Figure 5.19: Login screen

The register page allows users to create new accounts within the application. Users are prompted to fill in necessary information such as their name, email address, password, confirm password, phone number and address to complete the registration process. While admin are not allow to register as admin account.



The image shows a web application's registration page. At the top, a light red header bar contains the links "Login" and "Register". The main content area is light blue and features a central white rounded rectangle titled "Register". Inside this rectangle, there are six input fields: "Name", "Email Address", "Password", "Confirm Password", "Phone Number" (with a placeholder "01x-xxxxxxx"), and "Address". A blue "Register" button is positioned at the bottom of the form.

Register

Name:

Email Address:

Password:

Confirm Password:

Phone Number:

Address:

Register

Figure 5.20: Register account screen

The figure below illustrates the manage account page. Here, users can view their account details and make edits by selecting the "Edit Account" option.

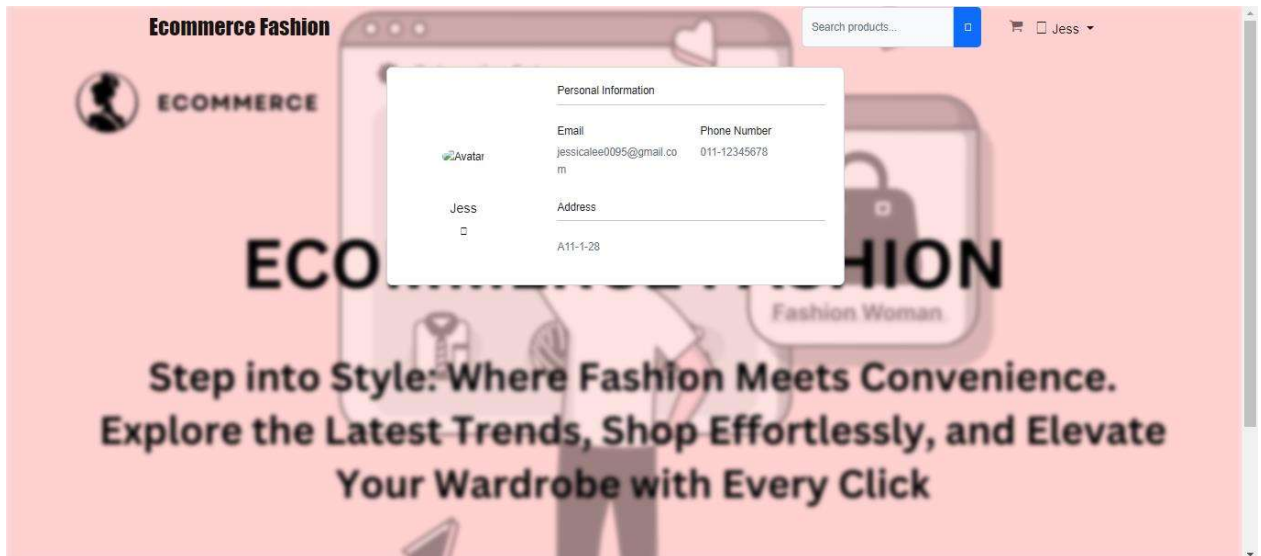


Figure 5.21: Account screen

The figure for the edit Account page displays the interface where users can modify their account information. This includes fields such as name, email address, password, and any other relevant details. Users can make changes as needed and save their updated information by clicking the "Save Changes" button.

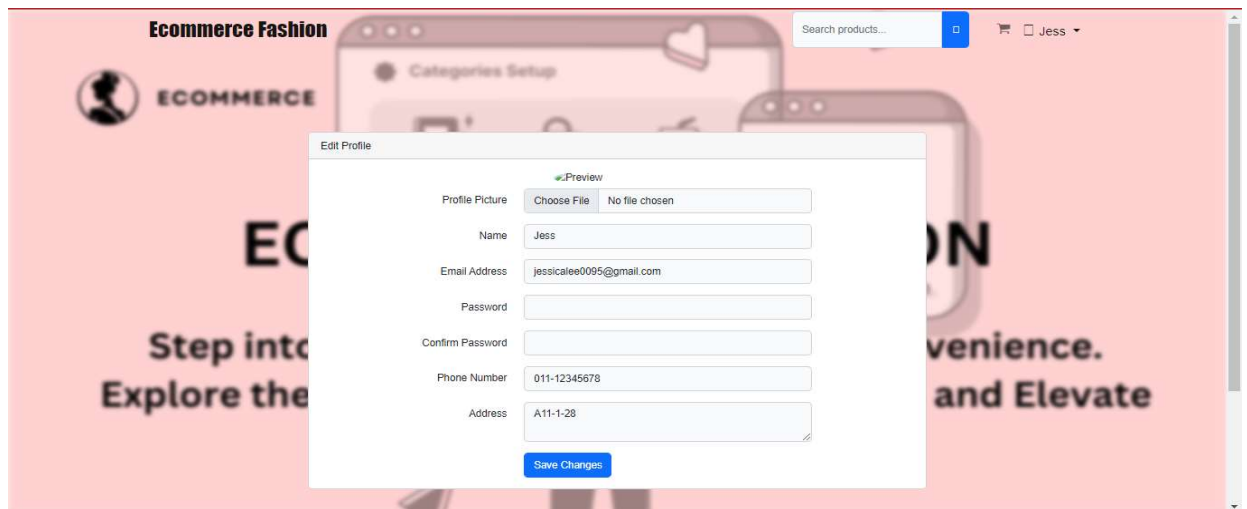


Figure 5.22: Edit account details screen

5.4.1.1. User Module

The figure below showcases the home page of the web application. Upon logging in, users are directed to this screen, where they can browse products, utilize filtering options to refine their search, search for specific products, and access the FAQ section for any inquiries.

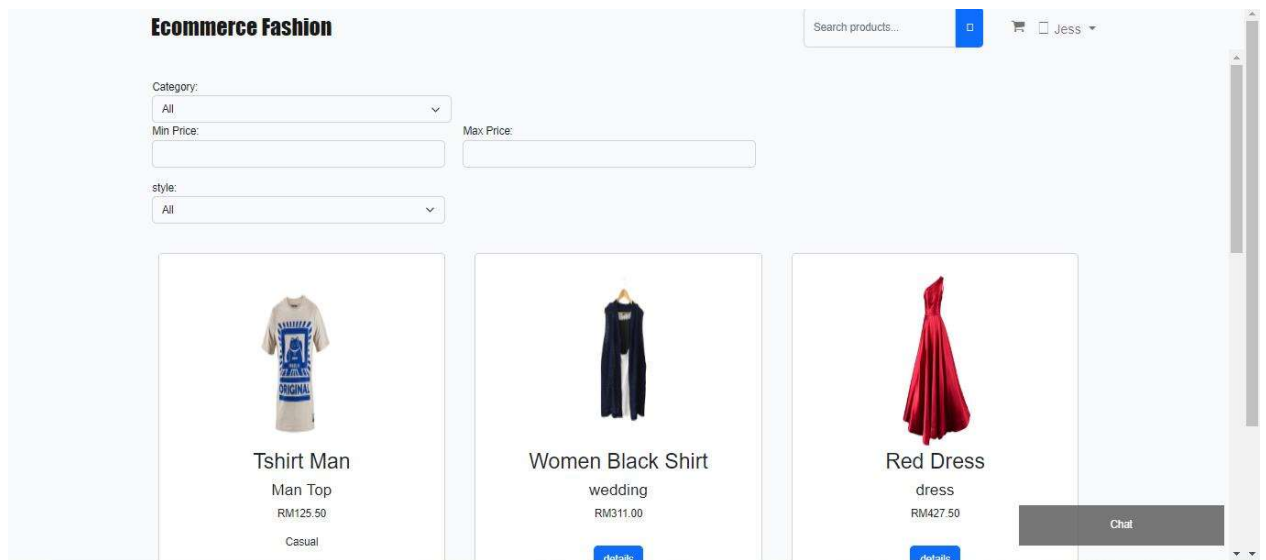


Figure 5.23: Home page screen (user)

The figure below depicts the product details page, where users can access comprehensive information about a specific product. Here, users have the option to view detailed product descriptions, add the product to their shopping cart or wish list, and share the product or webpage on various social media platforms. Additionally, users can engage with the product by leaving comments, facilitating a platform for users to ask questions or provide insights about the product, allowing for community interaction and assistance.

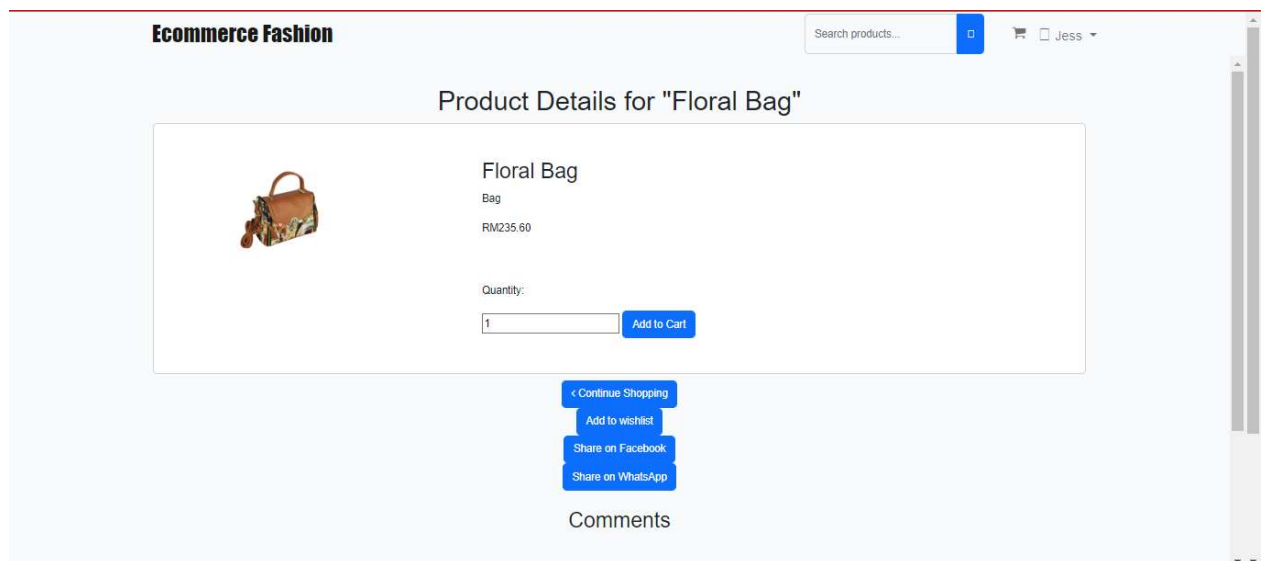


Figure 5.24: product details screen

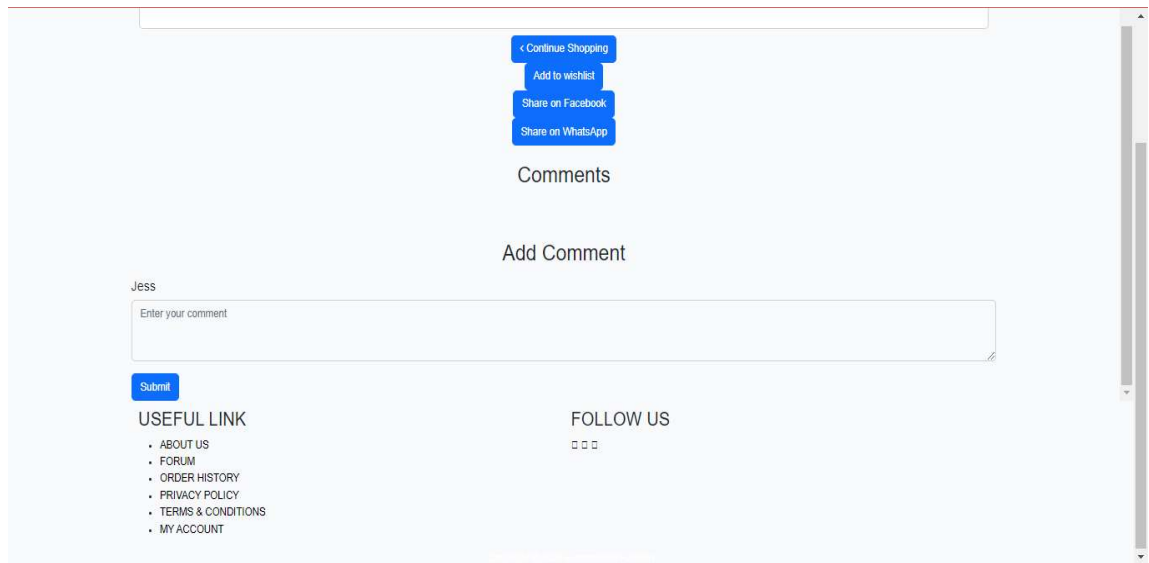


Figure 5.25: product details screen

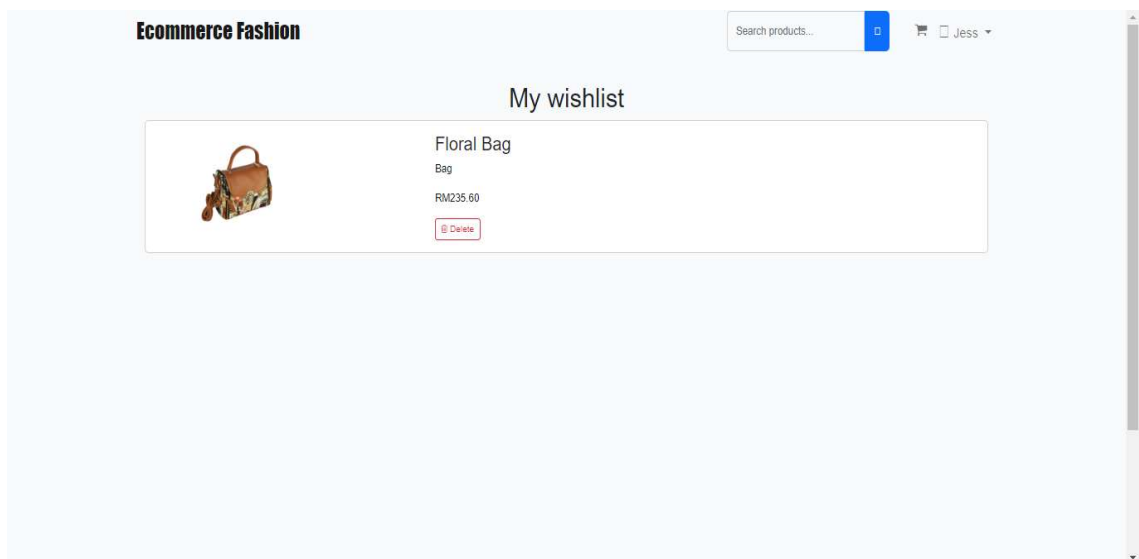


Figure 5.26: wishlist screen

The figure below illustrates the cart section, where users can manage their shopping cart by removing items if needed. Additionally, users have the option to proceed to the checkout page to complete their purchase or navigate to the AI chat screen page for personalized product recommendations.

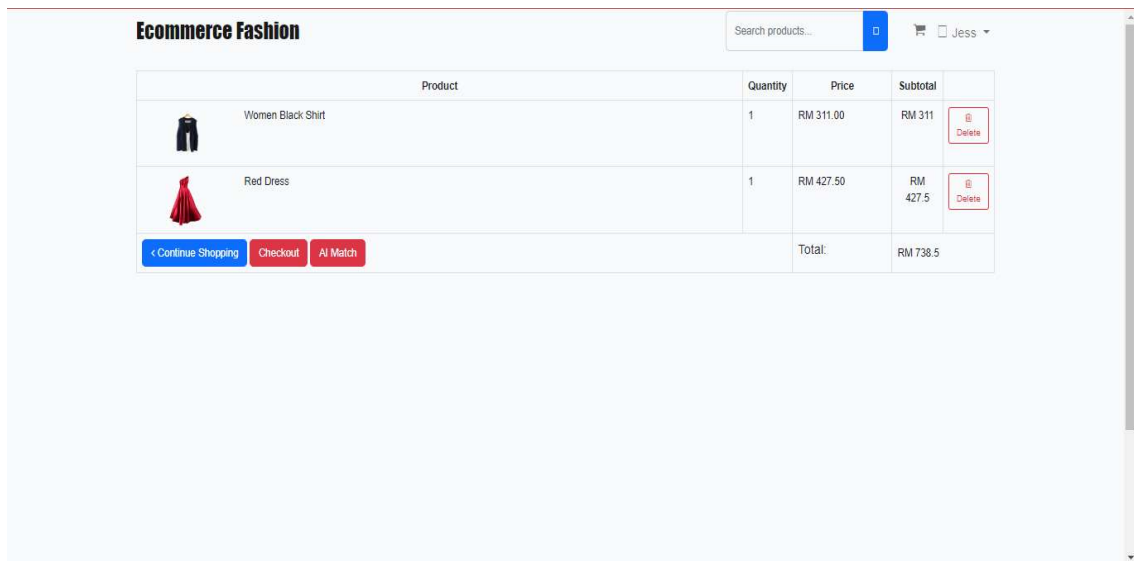



Figure 5.27: cart screen

Ecommerce Fashion

Search products... **D**  **Jess**

Checkout form

Please confirm your purchased products before checkout!

Billing address

Name


Email Address

Phone Number

Address 1

Address 2 (Optional)

State

Choose... 

Zipcode

Product name

Women Black Skirt

Quantity

1

Subtotal

RM 311

Product name

Red Dress

Quantity


1

Subtotal

RM 427.5

Total (RM): **738.5**

Payment

Choose... 

Continue to checkout





 Back to Cart

Figure 5.28: checkout screen

The view order history page allows users to review their past orders and check the status of their current orders.

Ecommerce Fashion

Search products...    Jess

Order History








Order No	Product Id	Product Image	Product Name	Product Quantity	Total Price	Buyer Name	Buyer Email	Phone Number	address_1	address_2	State	Zipcode	Payment	Status
1	10		Pink Dress	1	1.00	Jess	jessicalee0095@gmail.com	011-12345678	A11-1-28		Kuala Lumpur	68000	PayPal	pending
2	11		Pink Dress	1	1.00	Jess	jessicalee0095@gmail.com	011-12345678	A11-1-28		Kuala Lumpur	68000	PayPal	pending
3	12		Pink Dress	1	1.00	Jess	jessicalee0095@gmail.com	011-12345678	A11-1-28		Kuala Lumpur	68000	PayPal	pending
4	9		Pink Dress	1	1.00	Jess	jessicalee0095@gmail.com	011-12345678	A11-1-28		Kuala Lumpur	123	E-wallet	completed
5	6		Pink Dress	2	2.00	Jess	jessicalee0095@gmail.com	011-12345678	A11-1-28		Selangor	68000	PayPal	completed
6	7		Pink Dress	1	125.50	Jess	jessicalee0095@gmail.com	011-12345678	A11-1-28		Kuala Lumpur	68000	E-wallet	completed
7	1		Pink Dress	1	149.99	Jess	jessicalee0095@gmail.com	011-12345678	A11-1-28		Selangor	68000	PayPal	completed

Figure 5.29: order screen

The user community forum enables users to create forum posts, search existing forum posts, and comment on forum discussions.

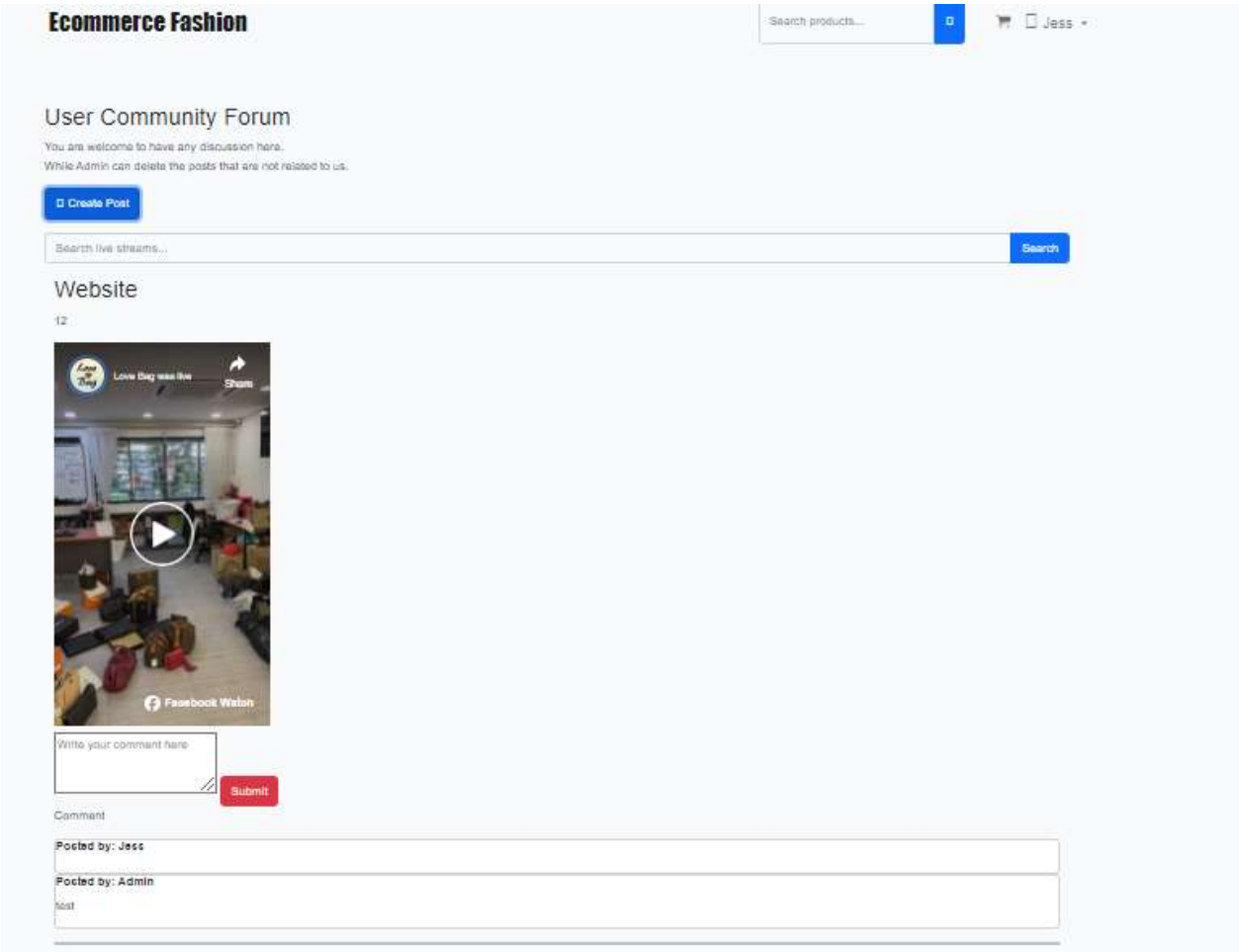


Figure 5.30: forum screen

The screenshot shows a web interface for adding a forum post. At the top, there is a dark blue header bar. Below it, the word "Post" is displayed in a light blue font. To the right of "Post" is a blue button labeled "Back". The main content area is a white box with a light blue border. Inside this box, there are three input fields: "Name", "Description", and "Link". The "Link" field has a placeholder text that reads "if you really dont have link, you can just put a -". Below the input fields is a blue button labeled "Save".

Figure 5.31: add forum screen

The figure below illustrates the Mix and Match page, enabling users to create custom combinations of products and visualize them virtually.

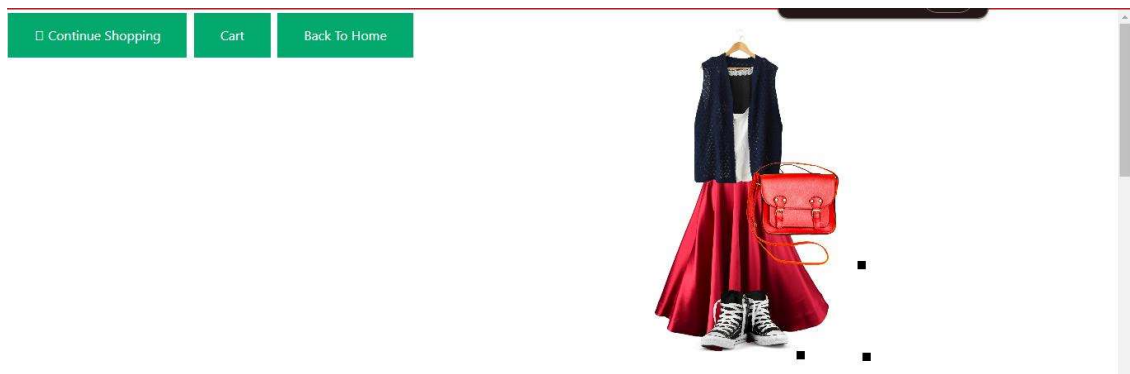
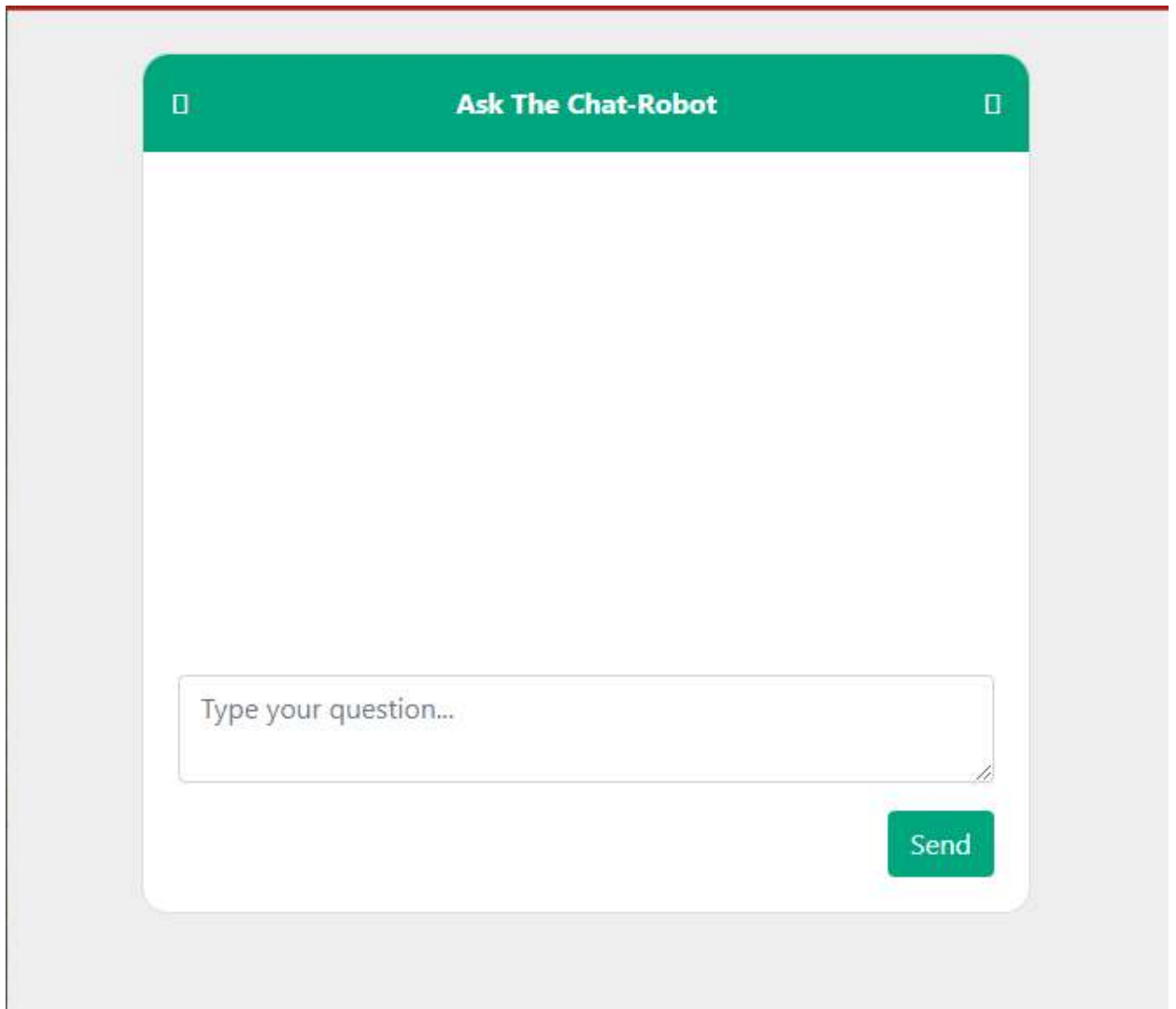


Figure 5.32: Mix and match screen

The figure below is the AI chat for providing information, answering questions, and offering guidance.



The image shows a mobile application interface for an AI chatbot. At the top, there is a green header bar with the text "Ask The Chat-Robot" in white, flanked by two white square icons. Below the header is a large white rectangular area for the chat conversation. At the bottom of this area is a white input field with the placeholder text "Type your question...". To the right of the input field is a green "Send" button with white text. The entire chat interface is set against a light gray background.

Figure 5.33: AI chat screen

Lastly, the image here depicts the chat feature, enabling users to communicate with each other by searching for their name in the search bar.

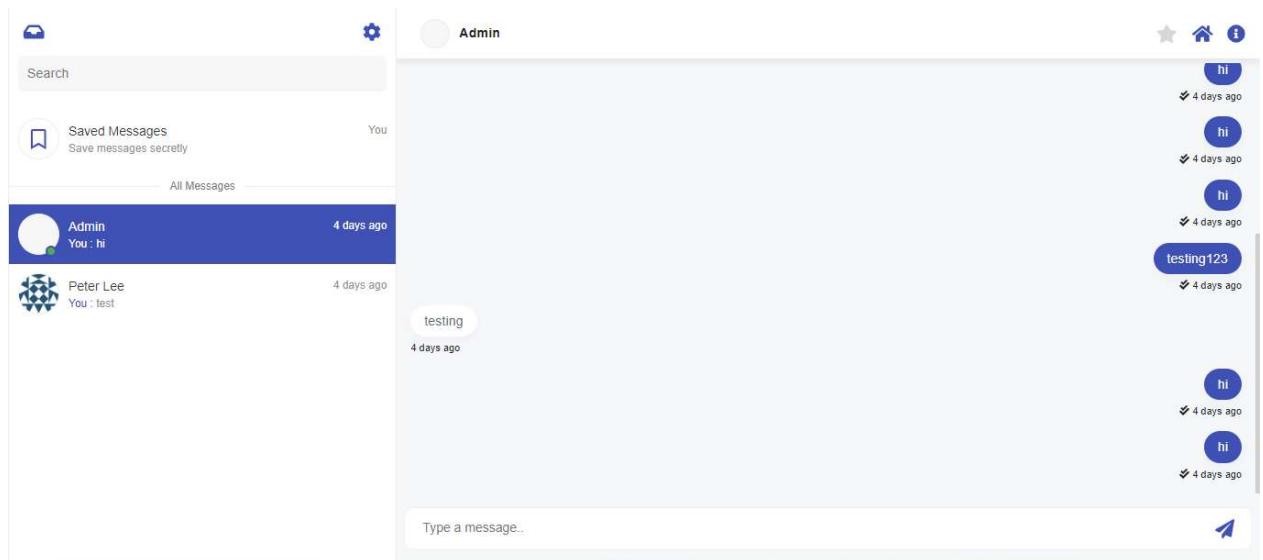
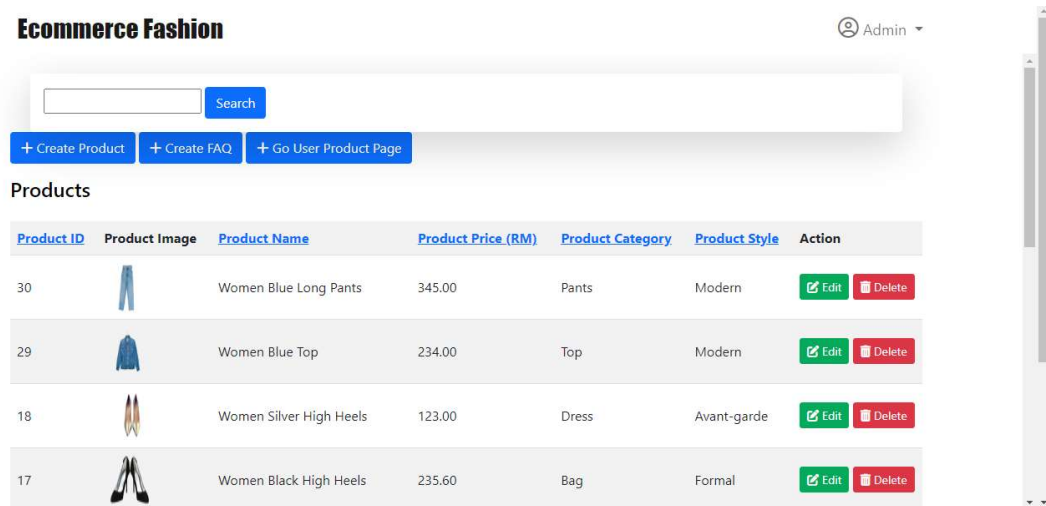


Figure 5.34: chat screen

5.4.1.2. Admin Module

The figure below illustrates the product page. After the admin logs into the web application, they will be directed to this page. Here, the admin can perform various actions such as editing or deleting existing products, adding new products, and searching for specific products.



Ecommerce Fashion Admin

Search

+ Create Product + Create FAQ + Go User Product Page

Products





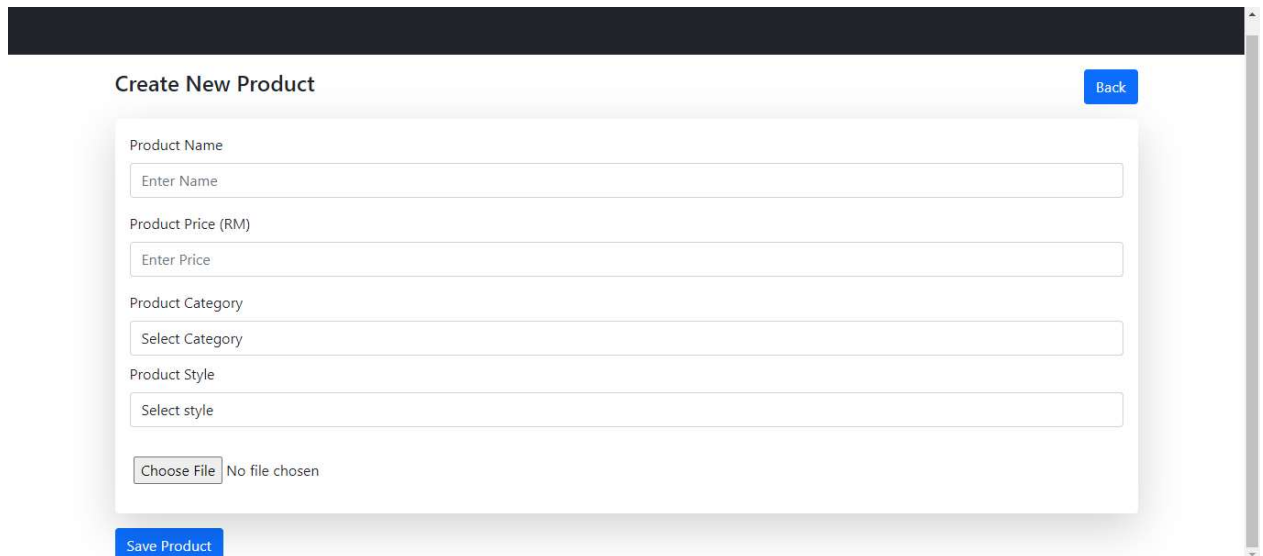
Product ID	Product Image	Product Name	Product Price (RM)	Product Category	Product Style	Action
30		Women Blue Long Pants	345.00	Pants	Modern	Edit Delete
29		Women Blue Top	234.00	Top	Modern	Edit Delete
18		Women Silver High Heels	123.00	Dress	Avant-garde	Edit Delete
17		Women Black High Heels	235.60	Bag	Formal	Edit Delete

Figure 5.35: product page (admin)

The figure below illustrates the "Create Product" page, which allows admins to add new products to the system. On this page, admins can input details such as the product name, description, price, category, and any other relevant information. Once all necessary information is provided, the admin can save the new product to the database by clicking the "Save" button.



The screenshot shows a web application interface for creating a new product. At the top, there is a dark blue header bar. Below it, the page title "Create New Product" is displayed in a bold, black font. To the right of the title is a blue button labeled "Back". The main form is a white box with a light gray border. It contains four input fields: "Product Name" with a placeholder "Enter Name", "Product Price (RM)" with a placeholder "Enter Price", "Product Category" with a placeholder "Select Category", and "Product Style" with a placeholder "Select style". Below these fields is a "Choose File" button and the text "No file chosen". At the bottom of the form is a blue button labeled "Save Product".

Figure 5.36: add product screen

The figure "Edit Product" page bellow is for admins to modify existing product details within the system. On this page, admins can edit various aspects of the product, such as its name, description, price, category, and any other relevant information. Once the desired changes are made, admins can save the updated product information by clicking the "Save" button.

Edit Product

Back

Product Name

Women Blue Long Pants

Product Price

345.00

Product Topegory


Women Dress

Product Style

Modern

Choose File

No file chosen



Update Product

Figure 5.37: edit product screen

The figure below depicts the "Create FAQ" page for admins.

Quto Reply

Back

question

answer

Save

Figure 5.38: create FAQ screen

The user community forum below enables both users and admins to create forum posts, search existing forum posts, and comment on forum discussions. However, there's a distinction between user and admin capabilities: admins have the ability to delete forum posts, whereas regular users do not possess this capability.

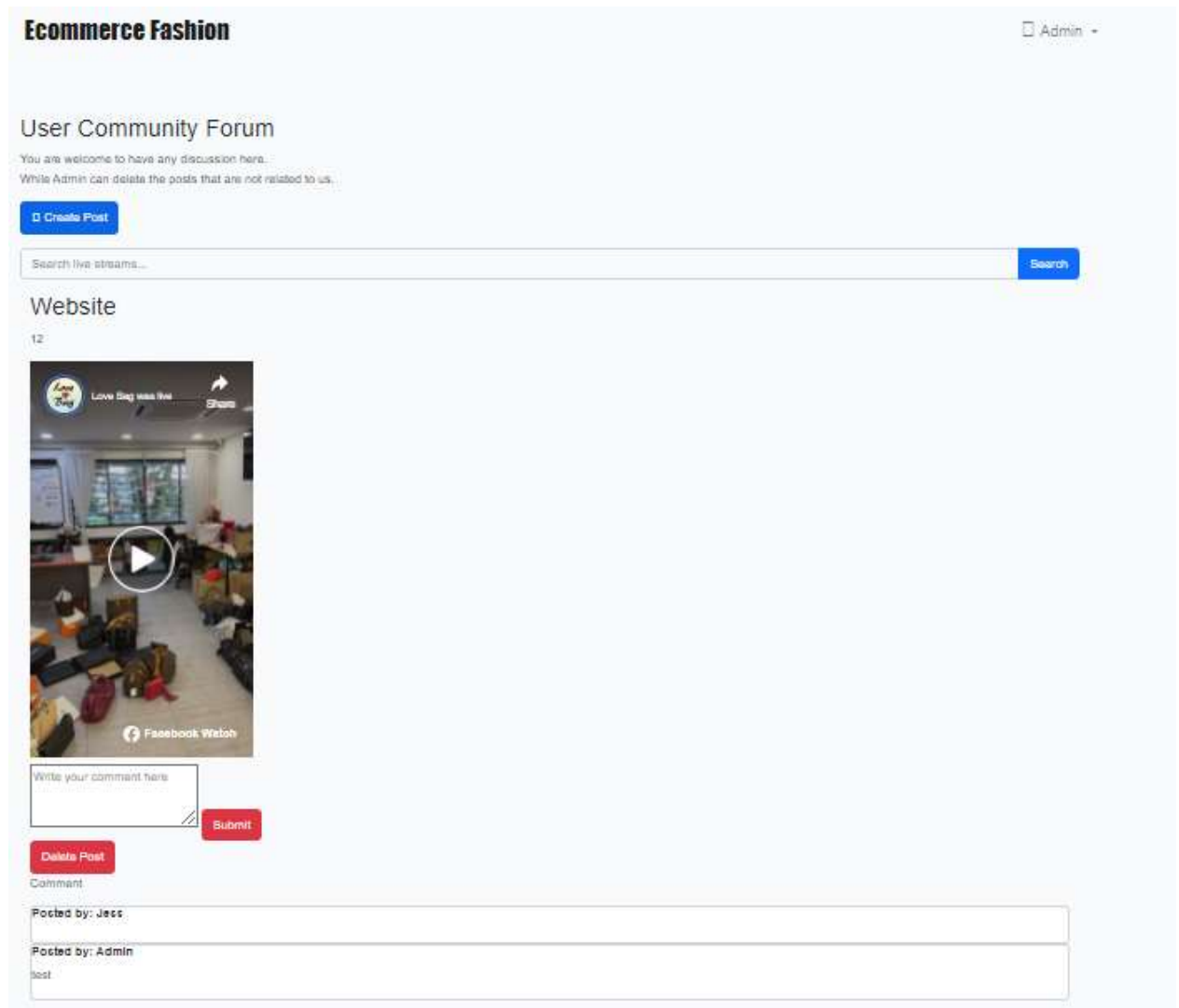


Figure 5.39: forum screen

The view order history page allows admin to review the customer's orders and change the status of their orders.

Ecommerce Fashion

Admin

Order History








Product Id	Product Image	Product Name	Product Quantity	Total Price	Buyer Name	Buyer Email	Phone Number	address_1	address_2	State	Zipcode	Payment	Status	Action
10		Pink Dress	1	1.00	Jess	jessicalee0095@gmail.com	011-12345678	A11-1-2B		Kuala Lumpur	58000	PayPal	pending	Mark as Completed
11		Pink Dress	1	1.00	Jess	jessicalee0095@gmail.com	011-12345678	A11-1-2B		Kuala Lumpur	58000	PayPal	pending	Mark as Completed
12		Pink Dress	1	1.00	Jess	jessicalee0095@gmail.com	011-12345678	A11-1-2B		Kuala Lumpur	58000	PayPal	pending	Mark as Completed
9		Pink Dress	1	1.00	Jess	jessicalee0095@gmail.com	011-12345678	A11-1-2B		Kuala Lumpur	123	E-wallet	completed	
6		Pink Dress	2	2.00	Jess	jessicalee0095@gmail.com	011-12345678	A11-1-2B		Selangor	58000	PayPal	completed	
7		Pink Dress	1	125.50	Jess	jessicalee0095@gmail.com	011-12345678	A11-1-2B		Kuala Lumpur	58000	E-wallet	completed	
1		Pink Dress	1	149.99	Jess	jessicalee0095@gmail.com	011-12345678	A11-1-2B		Selangor	58000	PayPal	completed	

Figure 5.40: order history screen

Lastly, the figure here is the chat feature where allow admin chat with others user by search their name in search bar.

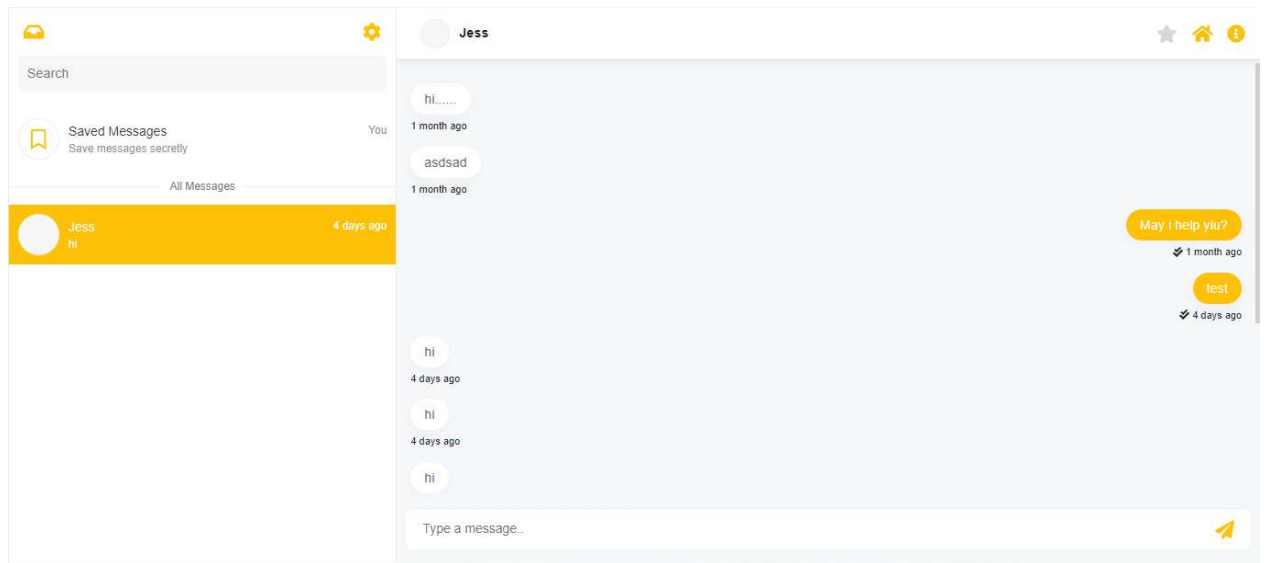


Figure 5.41: chat screen