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## **1. Introduction:**

An online Food delivery Applications that have quick service and variety is always desirable. A food delivery application is an application that connects your favorite restaurants with you even if they are at a distance with an extra favor to deliver food at your desired location.

The prime purpose of developing such application is to provide aid to restaurant businesses, accept and manage various orders place by their customers by an online channel. This may enlighten their scope of business on other hand that a customer can have desired food anywhere, anytime.

In recent years, many foodies are facing the frustration to have meal on their favorite haunts due to increase in traffic and a huge amount of wastage of time in order to conquer these frustrations many applications were introduce in the market by the software engineers. This provided a road map to many developers to think in a way to provide ease human for their meals.

Reduces human effort in such a way that he/she does not have to physically go to the restaurant to have a meal. By an application, User may estimate the quality and taste of any item by the ratings provided by authorized customers. More ever, they can explore and choose from multiple options for their meal. Users do not have to wait in a long queue to place an order. Support the small entrepreneur whom do not have enough capacity and investment to grow their business channel which is required in food industry, such applications prove to be a life saver for them as they can provide service to their clients without arranging vast space and staff for them to enjoy their food.

These aspects motivate us to build an online food ordering website for our project. In our very project users will have access to all the best and desired restaurant's major food items. Users will be able to pay for the food through cash on the delivery system. We are expanding by introducing 'The Foody Tiffin' and are well on our way to adding multiple categories in our repertoire of services. The key thing for the design is its focus on the appetizing looks of dishes, as this puts the visitor closer to the main goal of the website – to place food orders in several clicks on his smartphone, laptop or tablet.

### **1.1. Problem Statement**

For years, friends and families have engaged in a spirited debate about whether they'll get food, and perhaps more crucially, who will make the phone call to place the order. This was not just the problem here, also there are long hold times, bad service and late deliveries. **But** How User be sure about the quality of food?

### **1.2. Scope:**

Our system will have the functionality where user can order any food online anywhere after making its account in application. User shall add its order in cart after choosing from different categories of food and validate its quality by the ratings given by other users. User shall read the mini description and price of the food item. Our system shall take the address from user to

deliver order and user shall pay cash on delivery. User shall contact with us in any confusion or difficulty whether in placing order or in its delivery by giving its email and can ask any question or tell any problem user has ever faced. Administrator shall give response at user's email in this regarding. This system shall provide information about the order for the user read.

## **2. Requirement analysis**

### **2.1. Related Work**

There are some websites that are present in the market for food delivery in Pakistan that offer similar functionality like in,

**Food panda**-food panda interface is illustrated in this [Figure 1 Figure 2 Figure 3 Figure 4] User can make its account in the application, select a restaurant to place an order. After selection of restaurant, user's address will be asked from user to check the availability of that restaurant in user's area. If that restaurant is available in user's area, then user can explore, view prices and add any food items in cart from its menu. Then user can either pickup or make it deliver at an address specify by user. After check out user's order has been placed. User can pay on delivery or by credit card. [1]

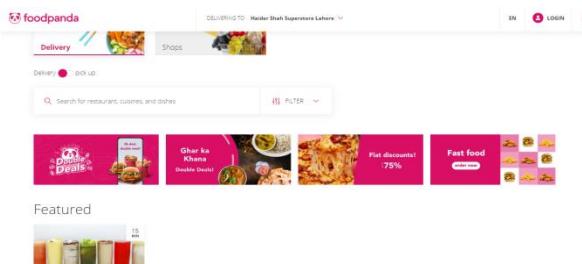


Figure 1:Main page

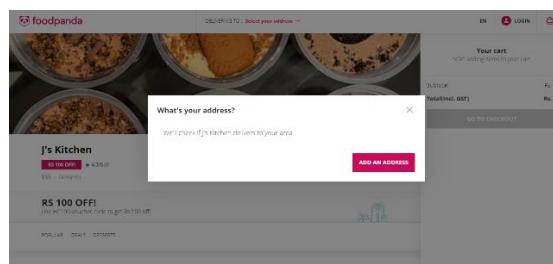


Figure 2: Specifying address of user

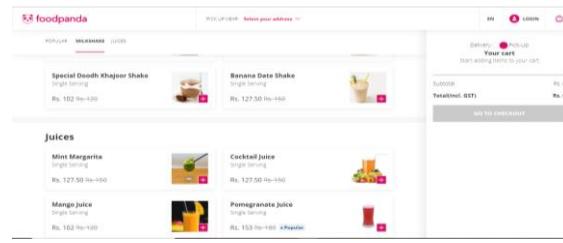


Figure 3: Specifying details of product

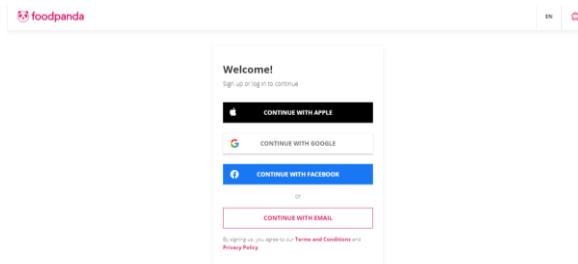


Figure 4: Login page

**Cheetay.pk**-Cheetay food ordering system has been illustrated in [Figure 5Figure 6Figure 7Figure 8] User can order any grocery, food and medicine by this application. User can make its account in this application. User can explore any restaurant's menu, order any item from its menu and can deliver them at their specify address. User can pay on cash or by credit card for its order. [2]

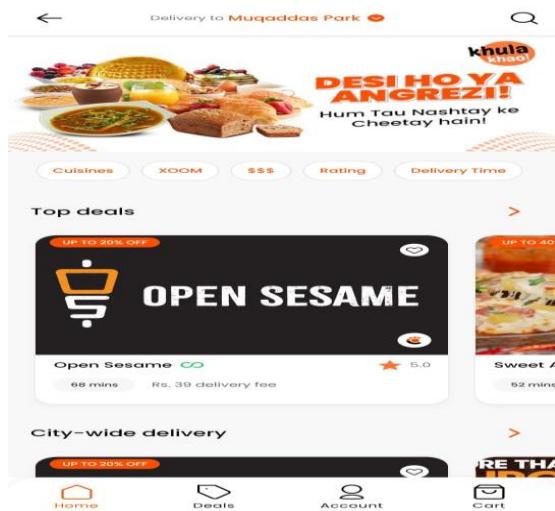


Figure 5: main page of cheetay



## Open Sesame

\$\$\$ • Fast Food  
5.0 ★ (5,322 ratings)

S Sandwiches Express Yourself Sides Drinks

**Mazaydaar Deal 2 Zinger Shawarmas, 2 Chic...**  
2 Zinger Shawarmas, 2 Chicken Shawarmas with 1.5 Itr Soft Drink

Rs. 1,199 Rs. 1,350

**Mazaydaar Deal 4 Zinger Shawarmas with Dr...**  
4 Zinger Shawarmas with 1.5 Itr Soft Drink

Rs. 1,199 Rs. 1,350

**Mazaydaar Deal 4 Chicken Shawarmas with ...**  
4 Chicken Shawarmas with 1.5 Itr Soft Drink

Rs. 1,199 Rs. 1,350

Figure 6:Specifying product of restaurant

←

**Mazaydaar Deal 2 Zinger Shawarmas, 2 Chicken Shawarmas with Drink**

2 Zinger Shawarmas, 2 Chicken Shawarmas with 1.5 Itr Soft Drink

**Choose your drink** 1 Required

Pepsi

Mirinda

7-Up

**Special Instructions**

e.g. Please don't add lettuce

Quantity (-) 1 (+)

Add to Cart Rs. 1,199

Figure 7:Specifying order

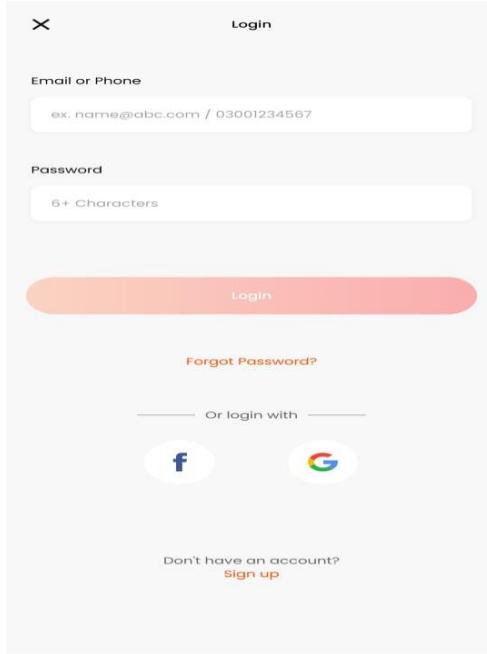


Figure 8: Login page

Our project is also inspired by these applications with an enhance feature- **Foody Tiffin**. As user can add any item from any category in its tiffin for any day's meal beforehand and user can schedule it for any day of its choice, then user just have to place order in that day, this feature came with an ease for user to choose its meal at its free time and don't panic about choosing and deciding for that day's meal. Just place order and enjoy its foody tiffin.

## 2.2. Functional Requirements

### **FR-01-01:**

This system shall let the user to make its account.

### **FR-02-01:**

User shall choose his/her order from different categories of food items.

### **FR-03-01:**

User shall add order in its tiffin.

### **FR-04-02:**

This system shall take the address for the order delivery.

### **FR-05-02:**

User shall pay cash on delivery for the order.

### **FR-06-02:**

This system shall display the description, price and provider of the food item.

### **FR-07-03:**

User shall seek help in any matter regarding the application with its email.

### **FR-08-03:**

Administrators shall give relieve the customer by response back at user's email.

**FR-09-03:**

User shall provide with application's information.

## **2.3. Non-Functional Requirements**

**NR-01-01:**

**Security:**

The system must secure from unauthorized access, viruses and different types of attacks.

**NR-02-01:**

**Performance:**

The website's load time should not be more than 2-5 second for users.

**NR-03-01:**

**Data integrity:**

The system shall maintain data integrity by keeping backups of all updates to the database for every transaction and consistent with user's information.

**NR-04-01:**

**Usability**

System must have user guide available for users to learn quickly with ease.

**NR-05-02:**

**Responsiveness:**

This system must work properly on different devices including laptops, monitors and mobile phone

**NR-06-02:**

**Capacity:**

The system must handle up to 1000 users at a time.

**NR-07-02:**

**Availability:**

This system must be available for 24/7 for users.

## 2.4. Wireframes:



Figure 9:main page

REQUIREMENT ID	USER	ADMIN
T1	As a user, I shall view the logo and click on the logo shall jump me to the home page of the software.	As an admin, I shall view the logo of software and click on the logo shall jump me to the home page of the software.
T2	As a user, I shall click on the navigation bar and it will show a dropdown menu having some important links of application.	As an admin, I shall view and click on the navigation bar to perform the admin associated operations.
T3	As a user, I shall scroll the screen up and down by dragging the scroll bar.	As an admin, I shall scroll the screen up and down by dragging the scroll bar.
T4	As a user, I shall view the brand name along with its tagline at the top center of the page.	As an admin, I shall view the brand name and its tagline to read at the center of the page.

T5	As a user, I shall view the name of featured food blog post.	As an admin, I shall view the name of the featured food blog post.
T6	As a user, I shall view the description of featured food blog post.	As an admin, I shall view and update, insert, delete the featured food blog post by dictating the developer.
T7	As a user, I shall view the information button at the bottom of the screen and it will jump to the home page by clicking it.	As an admin, I shall view the information button at the bottom of the screen and it will jump to the home page by clicking it.

Table 1: Specification for Main page

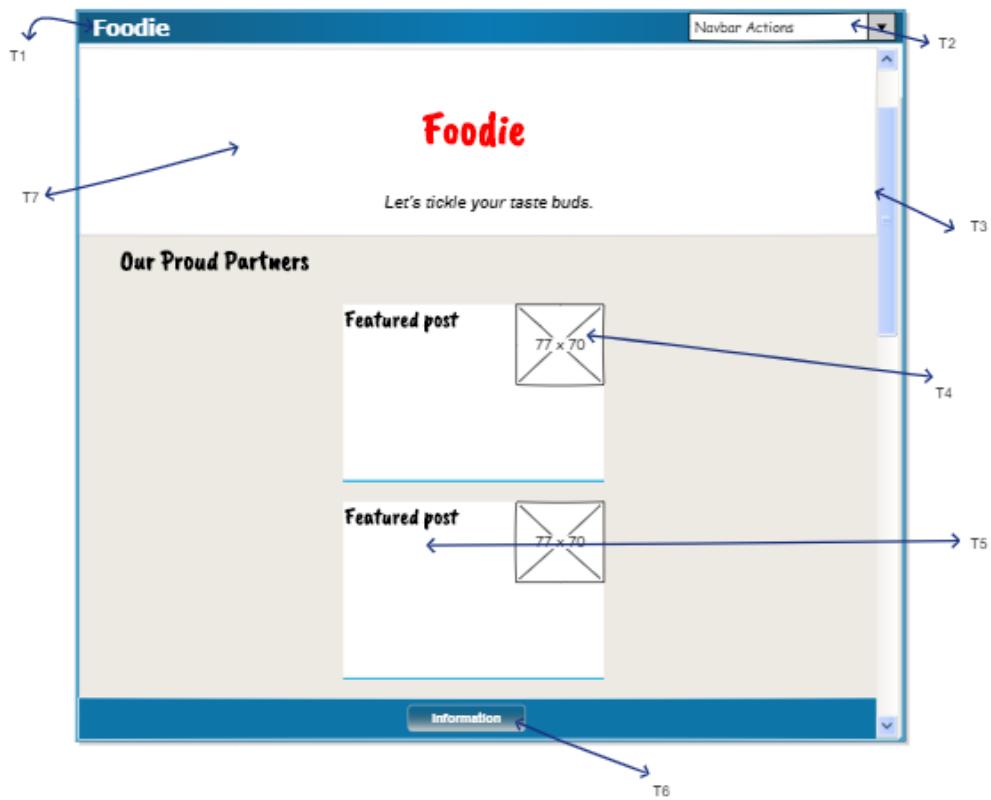


Figure 10: about us page

REQUIREMENT ID	USER	ADMIN
T1	As a user, I shall view the logo and click on the logo shall jump me to the home page of the software.	As an admin, I shall view the logo and click on the logo shall jump me to the home page of the software.
T2	As a user, I shall click on the navigation bar and it will show a dropdown menu having some important links of application.	As an admin, I shall view and click on the navigation bar to perform the admin associated operations.
T3	As a user, I shall scroll the screen up and down by dragging the scroll bar.	As an admin, I shall scroll the screen up and down by dragging the scroll bar.
T4	As a user, I shall view the featured posts of some famous restaurants with their logos.	As an admin, I shall view the featured posts of some famous restaurants with their logos. I shall update, insert,

		delete the logos of featured posts by dictating the developer.
T5	As a user, I shall view the description of featured posts of some famous restaurants.	As an admin, I shall view the description of featured posts of some famous restaurants. I shall display, update, insert, delete the featured posts by dictating the developer.
T6	As a user, I shall view the information button at the bottom of the screen and it will jump to the home page by clicking it.	As an admin, I shall view the information button at the bottom of the screen and allow the user to jump on the home page by clicking it.
T7	As a user, I shall view the brand name along with its tagline at the top center of the page.	As an admin, I shall view the brand name and its tagline to read at the center of the page.

Table 2: Specification for About Us

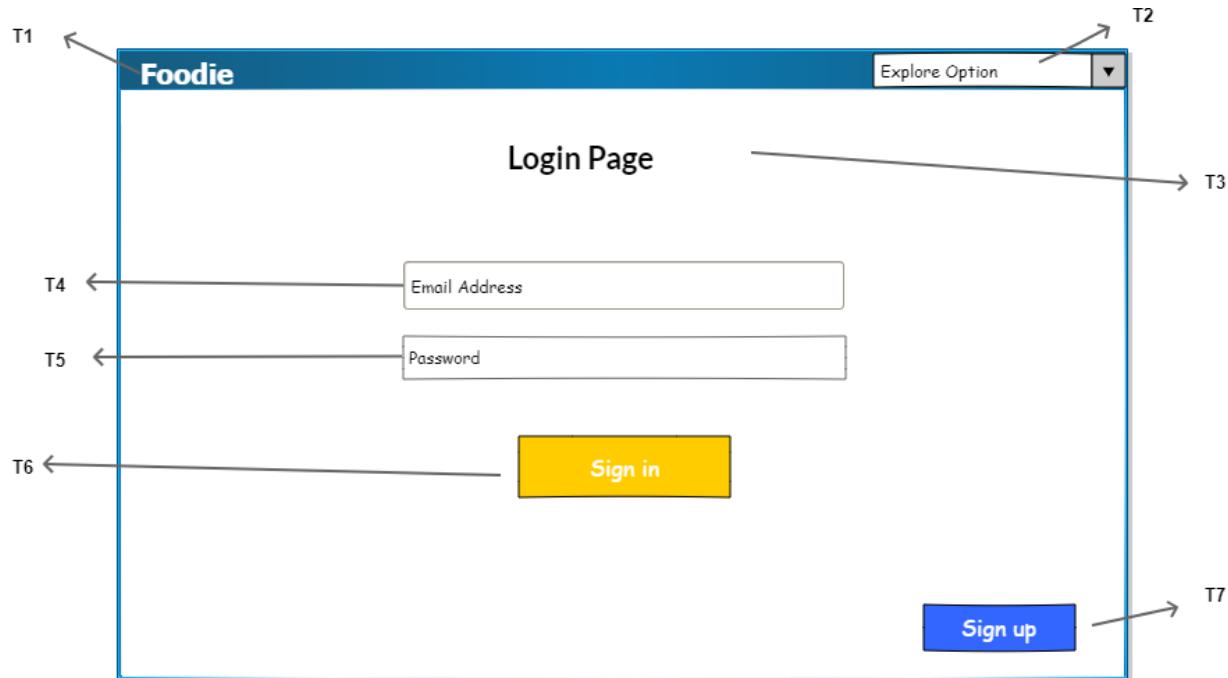


Figure 11: login page

<b>REQUIREMENT ID</b>	<b>USER</b>	<b>ADMIN</b>
T1	As a user, I shall view the logo and click on the logo shall jump me to the home page of the software.	As an admin, I shall view the logo and click on the logo shall jump me to the home page of the software.
T2	As a user, I shall click on the navigation bar and it will show a dropdown menu having some important links of application.	As an admin, I shall click on the navigation bar and it will show a dropdown menu having some important links of application.
T3	As a user, I shall view the page name at the top center of the screen.	As an admin, I shall view the page name at the top center of the screen.
T4	As a user, I shall view the email address field bar in which I shall enter my email address.	As an admin, I shall view the email address field bar in which user shall enter his/her email address.
T5	As a user, I shall view the password field bar in which I shall enter my password. Password shall be viewed in hidden format.	As an admin, I shall view the password field bar in which user shall enter his/her password. Password shall be viewed in hidden format.
T6	As a user, I shall view the sign in button after the email and password bar and jump the user to the product display page.	As an admin, I shall view the sign in button after the email and password field bar and jump the user to the product display page after the validation of entered information by user.
T7	As a user, I shall view the sign-up button at the bottom of the login page and click on the button jump the user to the sign-up page.	As an admin, I shall view the sign-up button at the bottom of the login page and jump the user to the sign-up page after clicking.

Table 3: Specification of Login Page

The diagram illustrates the 'Sign Up Page' for the 'Foodie' application. The page has a blue header bar with the 'Foodie' logo. Below the header, the title 'Sign Up Page' is centered. The form consists of four input fields: 'First Name', 'Last Name', 'Email Address', and 'Password', each with a corresponding text label to its left. A large yellow 'Sign Up' button is positioned at the bottom center of the form area. Seven arrows, labeled T1 through T7, point from the requirement IDs listed below to specific elements on the page: T1 points to the logo; T2 points to the page title; T3 points to the 'First Name' field; T4 points to the 'Last Name' field; T5 points to the 'Email Address' field; T6 points to the 'Password' field; and T7 points to the 'Sign Up' button.

Figure 12: Sign Up page

REQUIREMENT ID	USER
T1	As a user, I shall view the logo and click on the logo shall jump me to the home page of the software.
T2	As a user, I shall view the page name at the top center of the screen.
T3	As a user, I shall view the first name field bar in which I shall enter my first name.
T4	As a user, I shall view the last name field bar in which I shall enter my last name.
T5	As a user, I shall view the email address field bar in which I shall enter my email address.
T6	As a user, I shall view the password field bar in which I shall enter my password.

	Password shall be viewed in hidden format.
T7	As a user, I shall view the sign-up button and click on the button jump the user to the product display page.

Table 4: Specification of Sign-up page

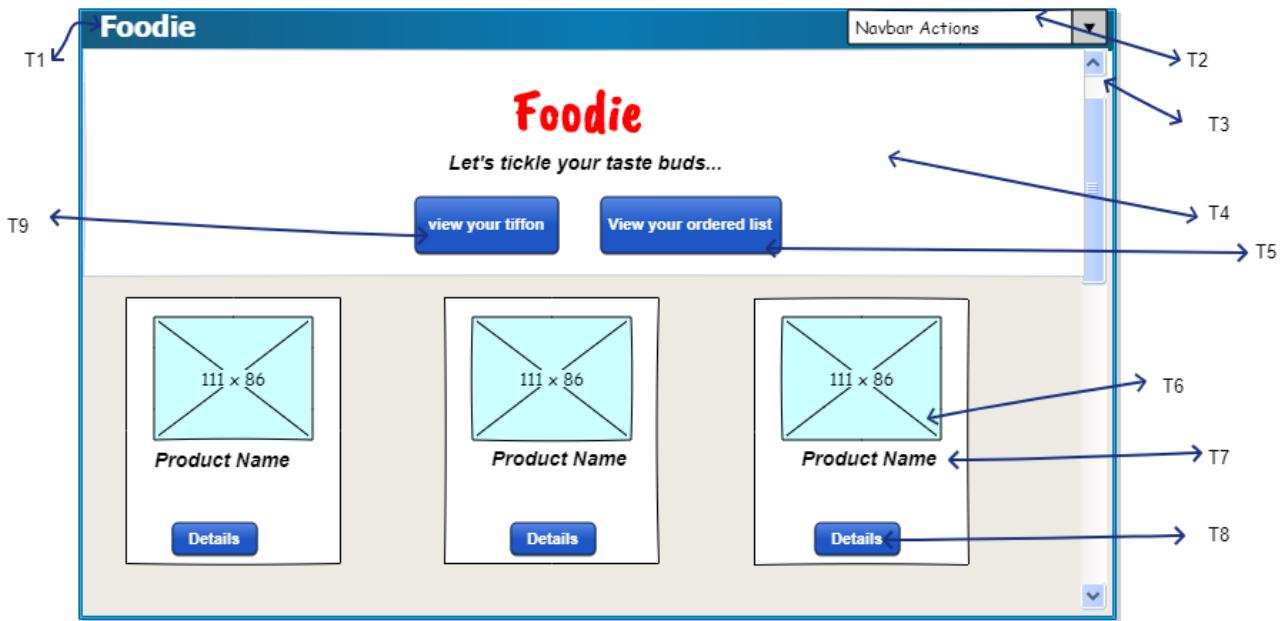


Figure 13:product display page

REQUIREMENT ID	USER	ADMIN
T1	As a user, I shall view the logo and click on the logo shall jump me to the home page of the software.	As an admin, I shall view the logo of software and click on the logo shall jump me to the home page of the software.
T2	As a user, I shall click on the navigation bar and it will show a dropdown menu	As an admin, I shall view and click on the navigation bar to

	having some important links of application.	perform the admin associated operations.
T3	As a user, I shall scroll the screen up and down by dragging the scroll bar.	As an admin, I shall scroll the screen up and down by dragging the scroll bar.
T4	As a user, I shall view the brand name along with its tagline at the top center of the page.	As an admin, I shall view the brand name and its tagline to read at the center of the page.
T5	As a user, I shall click on the view order list button and it will display my orders that I have placed.	No role.
T6	As a user, I shall view the picture of the food item on product page.	As an admin, I shall insert, update or delete the picture of the food item on the product page.
T7	As a user, I shall view the name of the food item on product page.	As an admin, I shall insert, update or delete the name of the food item on the product page.
T8	As a user, I shall view the detail button on every food item and it will jump to the product description page by clicking the detail button.	As an admin, I shall view the detail button on every food item and it will jump to the product description page by clicking the detail button.
T9	As a user, I shall click on the view tiffin button and it will display my food items that I have added in my tiffin.	No role.

Table 5:Specification for product display page

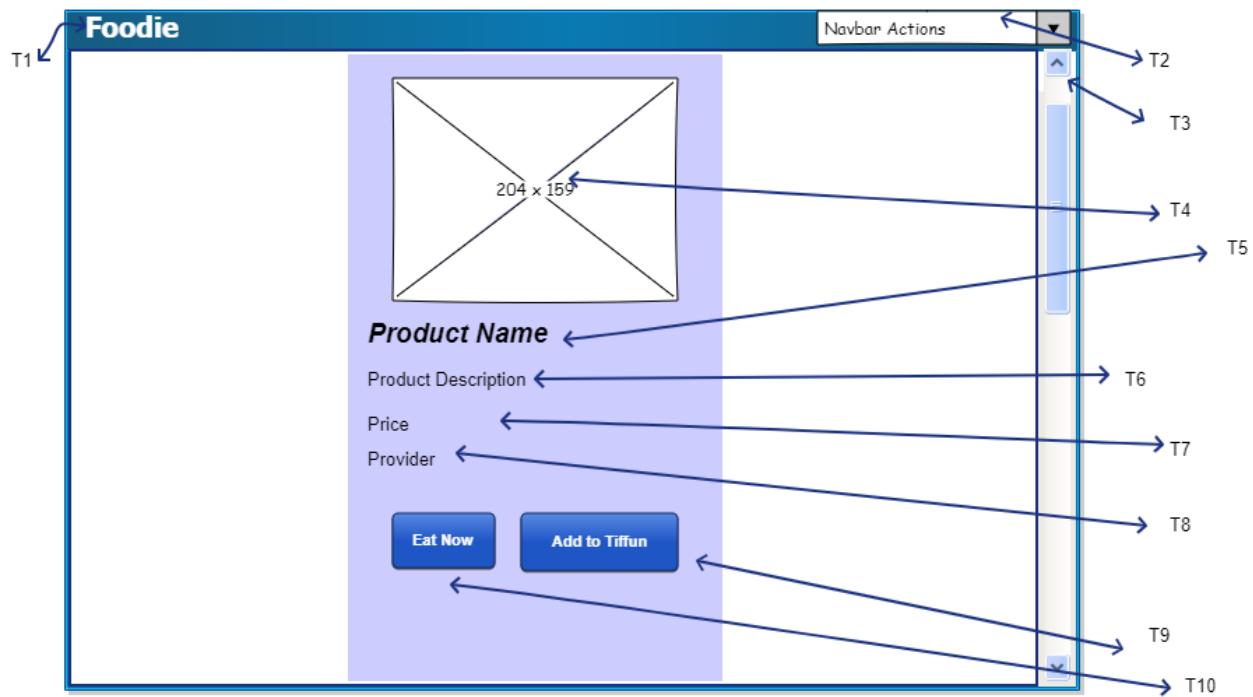


Figure 14: product description page

REQUIREMENT ID	USER	ADMIN
T1	As a user, I shall view the logo and click on the logo shall jump me to the home page of the software.	As an admin, I shall view the logo of software and click on the logo shall jump me to the home page of the software.
T2	As a user, I shall click on the navigation bar and it will show a dropdown menu having some important links of application.	As an admin, I shall view and click on the navigation bar to perform the admin associated operations.
T3	As a user, I shall scroll the screen up and down by dragging the scroll bar.	As an admin, I shall scroll the screen up and down by dragging the scroll bar.
T4	As a user, I shall view the picture of the product at the top center of product description page.	As an admin, I shall view the picture of the product at the top center of the product description page and shall update, insert, delete the

		product pictures by product manage page.
T5	As a user, I shall view the product Name of chosen product.	As an admin, I shall display, update, insert, delete the product name by product manage page.
T6	As a user, I shall view the product description of chosen product.	As an admin, I shall display, update, insert, delete the product description of chosen product by product manage page.
T7	As a user, I shall view the price of the chosen product.	As an admin, I shall display, insert, update or delete the price of the any product.
T8	As a user, I shall view the provider's name of the chosen product.	As an admin, I shall display, insert, update or delete the provider's name of the any product.
T9	As a user, I shall view “Add to tiffin” button and it will jump to the tiffin specification page by clicking on it.	No role.
T10	As a user, I shall view ‘Eat now’ button and it will jump to the delivery specification page by clicking on it.	No role.

Table 6: Specification for product description page

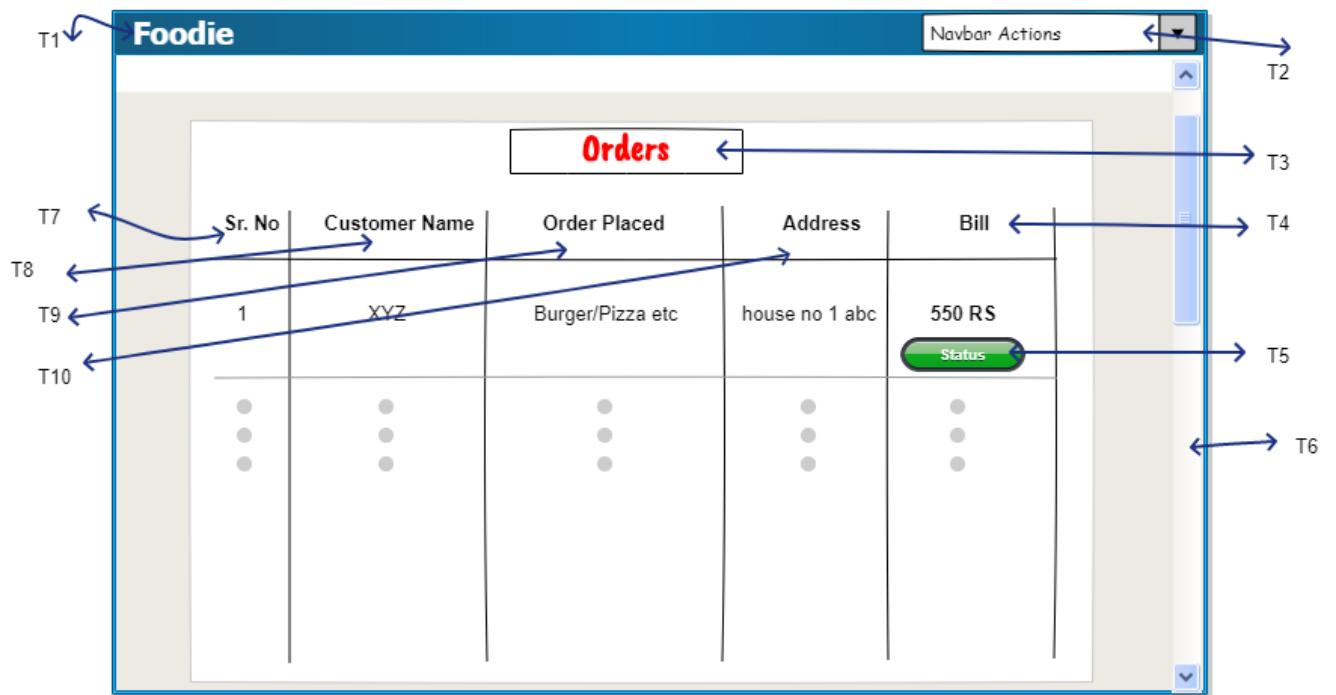


Figure 15: view order list page

REQUIREMENT ID	USER
T1	As a user, I shall view the logo and click on the logo shall jump me to the home page of the software.
T2	As a user, I shall click on the navigation bar and it will show a dropdown menu having some important links of application.
T3	As a user, I shall view the page name at the top center of the screen.
T4	As a user, I shall view the Bill column name at the rightest side of the table.
T5	As a user, I shall view the status button in the Bill

	column and it will display my status of ordered meal.
T6	As a user, I shall scroll the screen up and down by dragging the scroll bar.
T7	As a user, I shall view the Sr. no column name at the most left side of the table.
T8	As a user, I shall view the Customer name column after the Sr. no column of the table.
T9	As a user, I shall view the Order Placed column after the customer Name column of the table.
T10	As a user, I shall view the Address column after the Order Placed column of the table.

Table 7: Specification for view order list

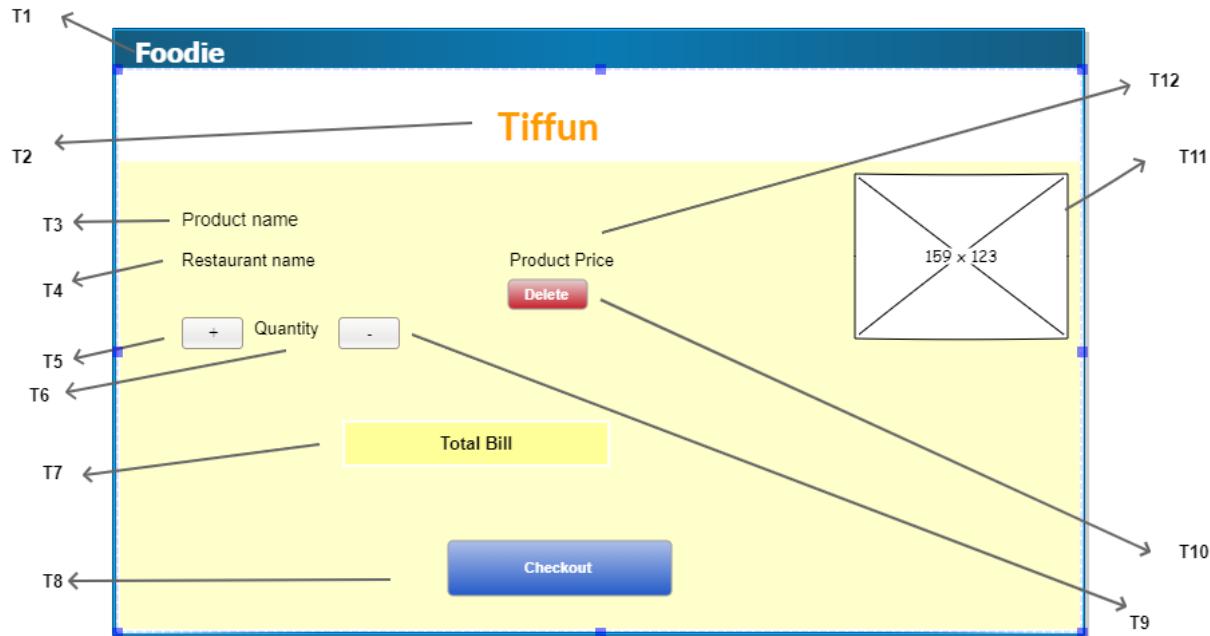


Figure 16: add to tiffin page

<b>REQUIREMENT ID</b>	<b>USER</b>
T1	As a user, I shall view the logo and click on the logo shall jump me to the home page of the software.
T2	As a user, I shall view the page name at the top center of the screen.
T3	As a user, I shall view the product name added in the tiffin by user.
T4	As a user, I shall view the restaurant name of the product added in the tiffin by user.
T5	As a user, I shall view the increment button and it shall increment in the quantity of the added product.
T6	As a user, I shall view the quantity written in the center of the increment and decrement button to indicate the user about these buttons.
T7	As a user, I shall view the total bill of the tiffin.
T8	As a user, I shall view the checkout button and jump the user to the delivery specification page.
T9	As a user, I shall view the decrement button and it shall decrease the quantity of the added product.
T10	As a user, I shall view the delete button and shall delete the added product from the tiffin.

T11	As a user, I shall view the picture of the added product in tiffin.
T12	As a user, I shall view the price of the added product.

Table 8: Specification for Add to Tiffin

Figure 17: delivery specification page

REQUIREMENT ID	USER
T1	As a user, I shall view the logo and click on the logo shall jump me to the home page of the software.
T2	As a user, I shall click on the navigation bar and it will show a dropdown menu having some important links of application.

T3	As a user, I shall scroll the screen up and down by dragging the scroll bar.
T4	As a user, I shall view Address field bar and I shall enter my address in this field bar.
T5	As a user, I shall view contact number field bar and I shall enter my contact number in this field bar.
T6	As a user, I shall view the confirm button at the bottom of the screen and it will place my order by clicking it.
T7	As a user, I shall view the page Name at the top center of the page.

Table 9: Specification for delivery specification page

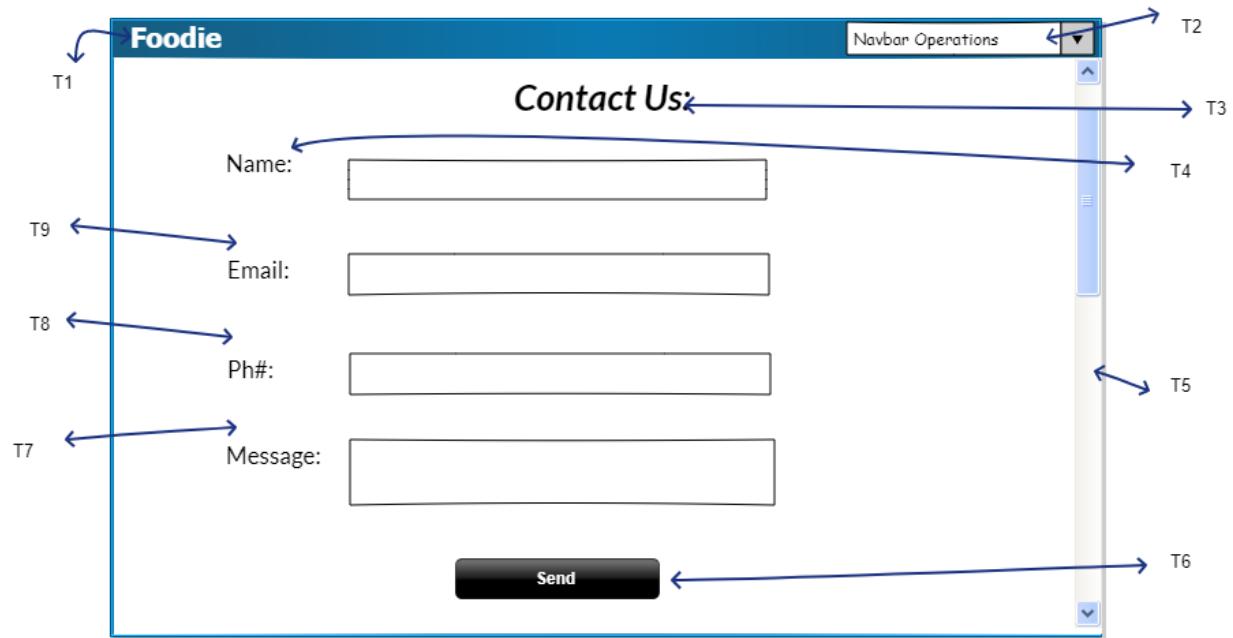


Figure 18: Contact us page

<b>REQUIREMENT ID</b>	<b>USER</b>
T1	As a user, I shall view the logo and click on the logo shall jump me to the home page of the software.
T2	As a user, I shall click on the navigation bar and it will show a dropdown menu having some important links of application.
T3	As a user, I shall view the contact us page name at the top center of the screen.
T4	As a user, I shall view the Name field name and shall enter my name in its field bar.
T5	As a user, I shall scroll the screen up and down by dragging the scroll bar.
T6	As a user, I shall view the send button at the bottom of the screen and it shall send my message to the admin by clicking it.
T7	As a user, I shall view the Message field name along with its field bar where I shall write my message.
T8	As a user, I shall view the Phone number field name along with its field bar to enter my phone number.
T9	As a user, I shall view the Email field name along with its field bar where I shall enter my Email.

*Table 10: Specification for Contact us page*

Figure 19: add a new product page

Requirement ID	Admin
T1	As an admin, I shall view the logo of software and click on the logo shall jump me to the home page of the software.
T2	As an admin, I shall view the Name field name along with its field bar and it will allow to enter the name of new product.
T3	As an admin, I shall view the Price field name along with its field bar and it will allow to enter the price of new product.
T4	As an admin, I shall view the Description field name along with its field bar and it will allow to write the description of the new product.
T5	As an admin, I shall view the Provider field name along

	with its field bar and it will allow to enter the name of the product provider.
T6	As an admin, I shall view the Add button at the center bottom of the screen and it will allow to add the new product on the product display page by clicking it.
T7	As an admin, I shall insert, update or delete the picture of the new product.
T8	As an admin, I shall scroll the screen up and down by dragging the scroll bar.
T9	As an admin, I shall view the name of the page at the top center of the screen.

Table 11: Specification for add a new product

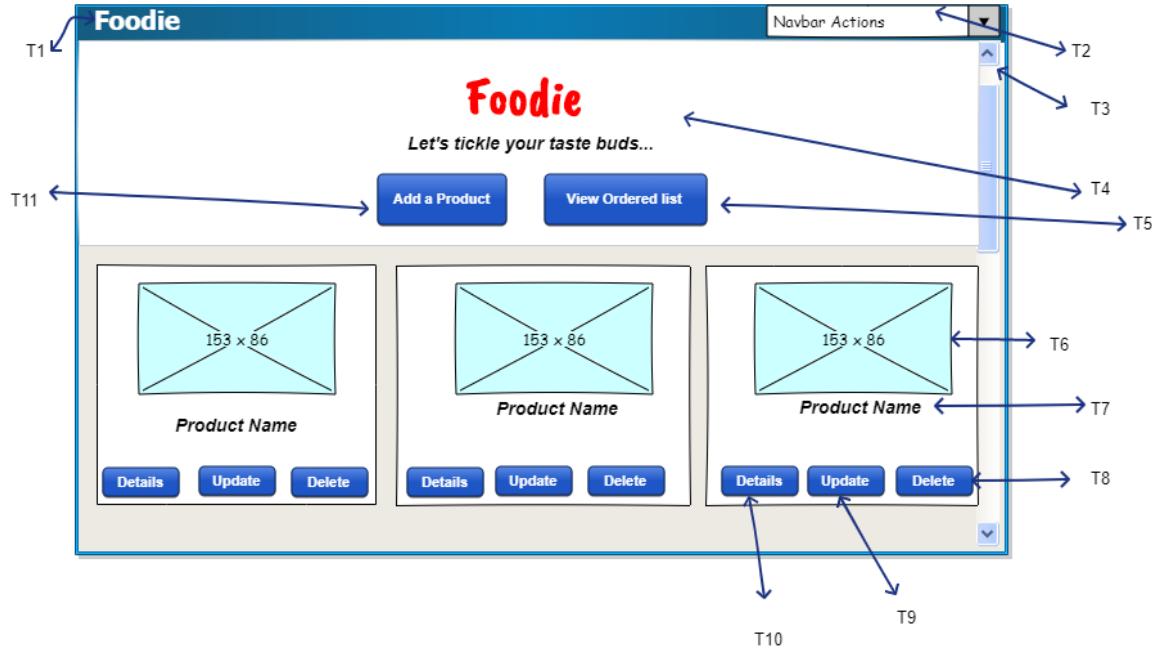


Figure 20: Manage Product page

<b>REQUIREMENT ID</b>	<b>ADMIN</b>
T1	As an admin, I shall view the logo of software and click on the logo shall jump me to the home page of the software.
T2	As an admin, I shall view and click on the navigation bar to perform the admin associated operations.
T3	As an admin, I shall scroll the screen up and down by dragging the scroll bar.
T4	As an admin, I shall view the brand name and its tagline for at the center of the page.
T5	As an admin, I shall view order list button and can view the list of the orders on clicking it.
T6	As an admin, I shall insert, update or delete the picture of the food item on the product page.
T7	As an admin, I shall insert, update or delete the name of the food item on the product page.
T8	As an admin, I shall view the Delete button and it will delete the food item on click.
T9	As an admin, I shall view the Update button and it will jump to the product update page on click.
T10	As an admin, I shall view the Details button and it will jump to the product description page on click.

T11	As an admin, I shall view an add a product button and it will jump to add product page on click.
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Table 12: Specifications for manage Product page

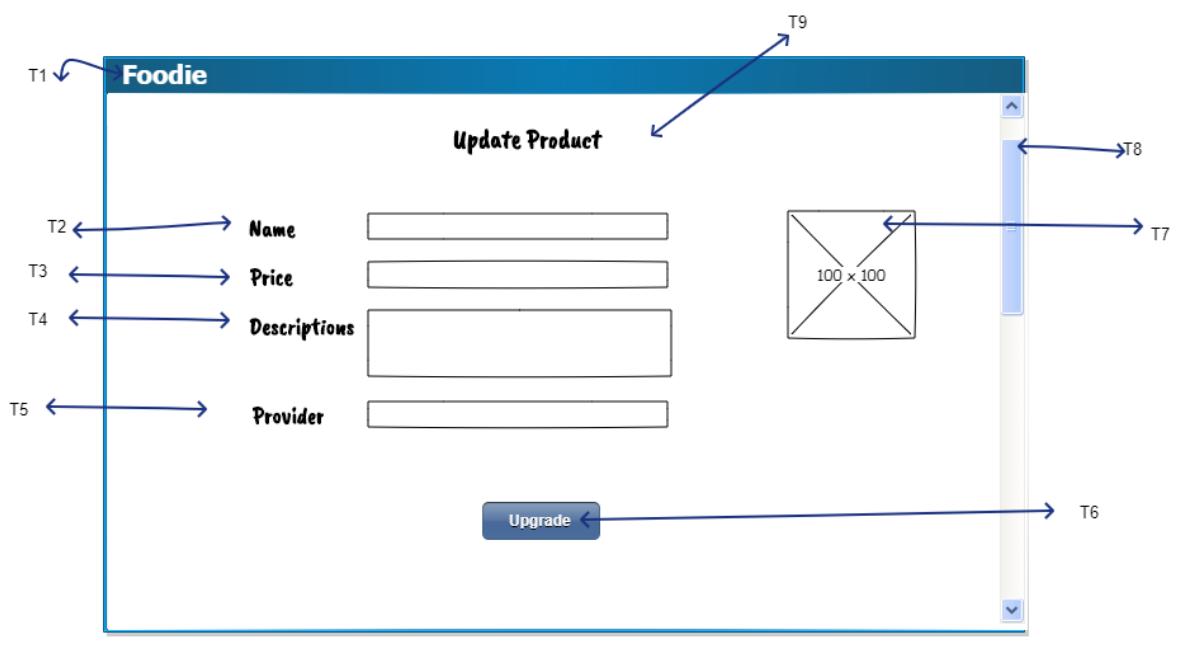


Figure 21: update Product page

REQUIREMENT ID	ADMIN
T1	As an admin, I shall view the logo of software and click on the logo shall jump me to the home page of the software.
T2	As an admin, I shall view the Name field name along with its field bar and it will allow to update the name of the product.
T3	As an admin, I shall view the Price field name along with its field bar and it will allow

	to update the price of the product.
T4	As an admin, I shall view the Description field name along with its field bar and it will allow to update the description of the product.
T5	As an admin, I shall view the Provider field name along with its field bar and it will allow to update the name of the product provider.
T6	As an admin, I shall view the Add button at the center bottom of the screen and it will allow to add the updated product on the product display page by clicking it.
T7	As an admin, I shall update the picture of the product.
T8	As an admin, I shall scroll the screen up and down by dragging the scroll bar.

*Table 13 update product page*

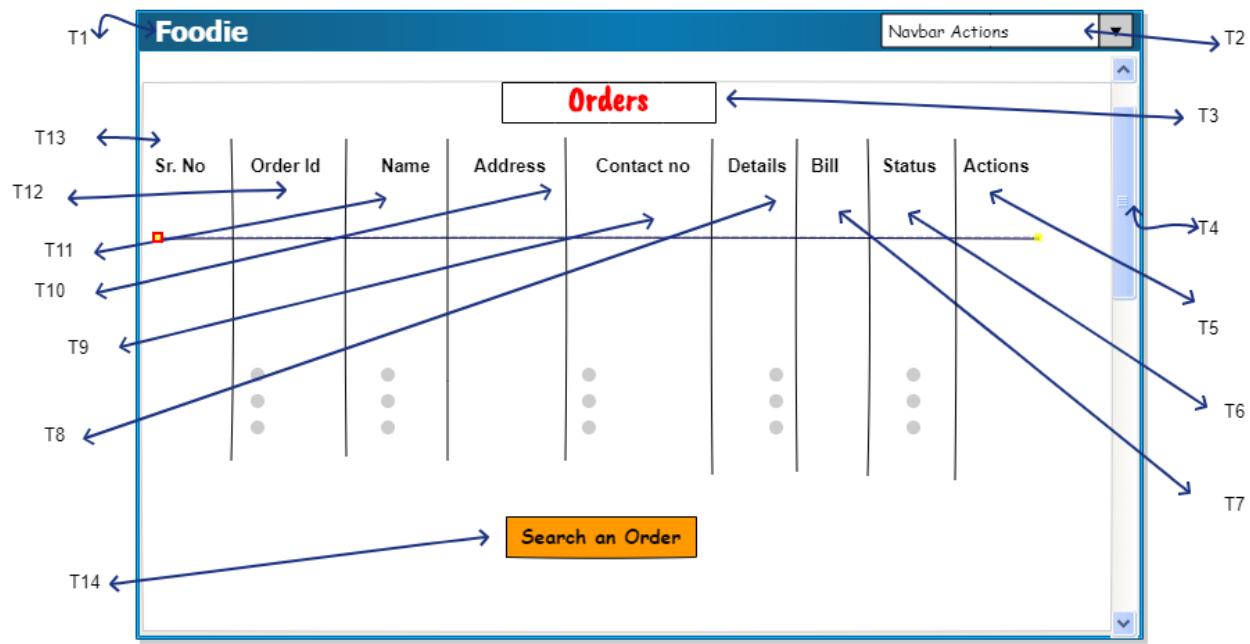


Figure 22: placed order list

REQUIREMENT ID	ADMIN
T1	As an admin, I shall view the logo of software and click on the logo shall jump me to the home page of the software.
T2	As an admin, I shall view and click on the navigation bar to perform the admin associated operations.
T3	As an admin, I shall view the page name at the top center of the screen.
T4	As an admin, I shall scroll the screen up and down by dragging the scroll bar.
T5	As an admin, I shall view the Actions column at the rightest side of the table.

T6	As an admin, I shall view the Status column after the Actions column at the right side of the table and shall change the status of placed order on click.
T7	As an admin, I shall view the Bill column after the Status column in the table.
T8	As an admin, I shall view the Details column after the Bill column in the table.
T9	As an admin, I shall view the contact no column after the Details column in the table.
T10	As an admin, I shall view the Address column after the contact no column in the table.
T11	As an admin, I shall view the Name column after the Address column of the table.
T12	As an admin, I shall view the order Id column after the Name column of the table.
T13	As an admin, I shall view the Sr. no column after the order Id column at the most left side of the table.
T14	As an admin, I shall view the search an order button at the bottom of the screen and on click it will jump to the Search an order page.

Table 14: Specification for placed order list

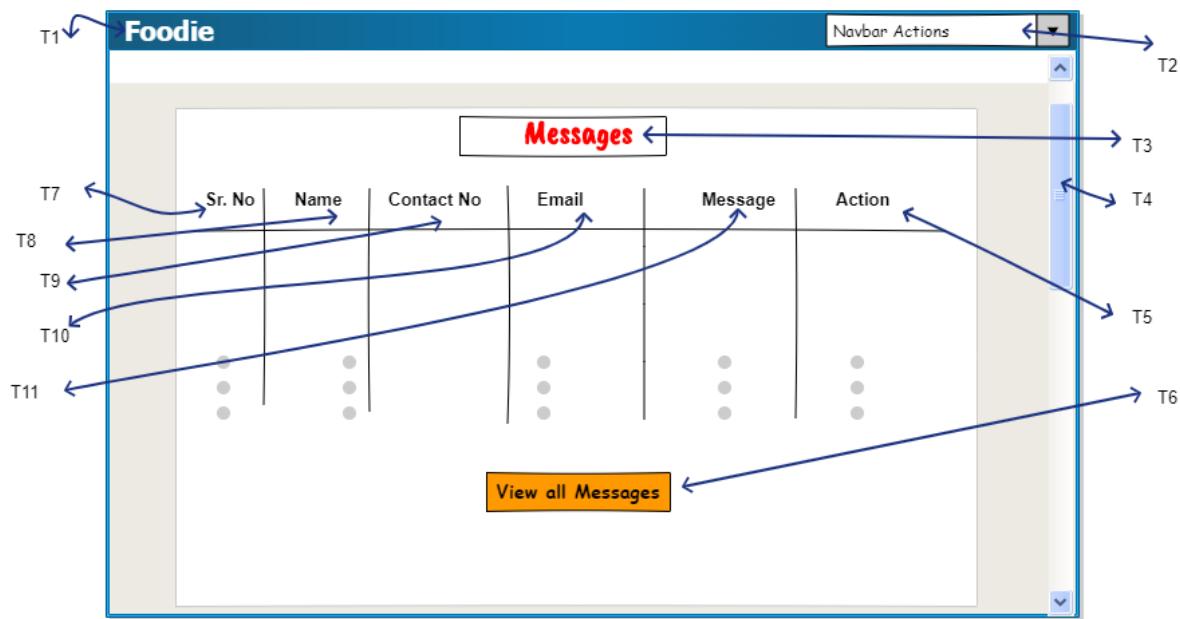


Figure 23 :Message list for admin

REQUIREMENT ID	ADMIN
T1	As an admin, I shall view the logo of software and click on the logo shall jump me to the home page of the software.
T2	As an admin, I shall view and click on the navigation bar to perform the admin associated operations.
T3	As an admin, I shall view the page name at the top center of the screen.
T4	As an admin, I shall scroll the screen up and down by dragging the scroll bar.
T5	As an admin, I shall view the Action column at the rightest side of the table and shall change the status of message on click.

T6	As an admin, I shall view the View all messages button at the bottom of the screen and on click it will display all the messages below that button on screen.
T7	As an admin, I shall view the Sr. no column at the most left side of the table.
T8	As an admin, I shall view the Name column after the Sr. no column in the table.
T9	As an admin, I shall view the contact no column after the Name column in the table.
T10	As an admin, I shall view the Email column after the contact no column in the table.
T11	As an admin, I shall view the message column after the Action column at the right side of the table.

*Table 15: Specification for Message list for admin*



Figure 24: Search order page for admin

REQUIREMENT ID	ADMIN
T1	As an admin, I shall view the logo of software and click on the logo shall jump me to the home page of the software.
T2	As an admin, I shall view and click on the navigation bar to perform the admin associated operations.
T3	As an admin, I shall scroll the screen up and down by dragging the scroll bar.
T4	As an admin, I shall view the page name at the top center of the page.
T5	As an admin, I shall view a search field bar where I shall enter the order id.
T6	As an admin, I shall view the search button alongside the

	Search field bar and jump to the order detail page on click.
--	--

Table 16: Specification for search an order page

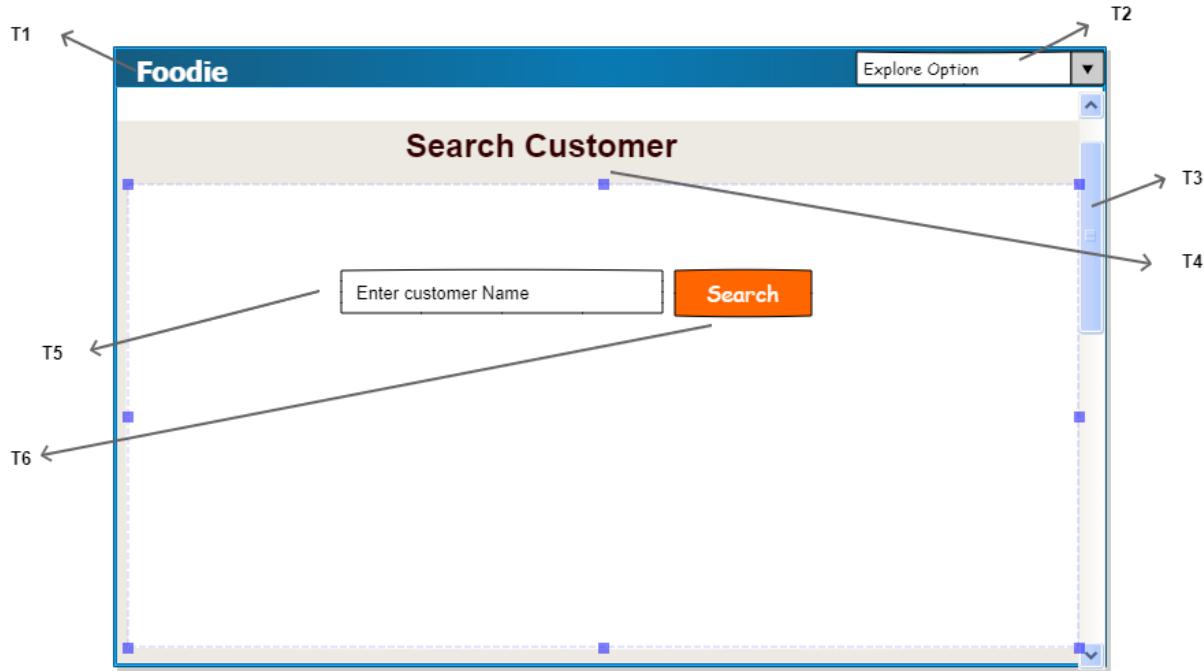


Figure 25: search any customer page for admin

REQUIREMENT ID	ADMIN
T1	As an admin, I shall view the logo of software and click on the logo shall jump me to the home page of the software.
T2	As an admin, I shall view and click on the navigation bar to perform the admin associated operations.
T3	As an admin, I shall scroll the screen up and down by dragging the scroll bar.

T4	As an admin, I shall view the page name at the top center of the page.
T5	As an admin, I shall view a search field bar where I shall enter the customer's name.
T6	As an admin, I shall view the search button alongside the Search field bar and jump to the person detail page on click.

Table 17: Specification for search a person

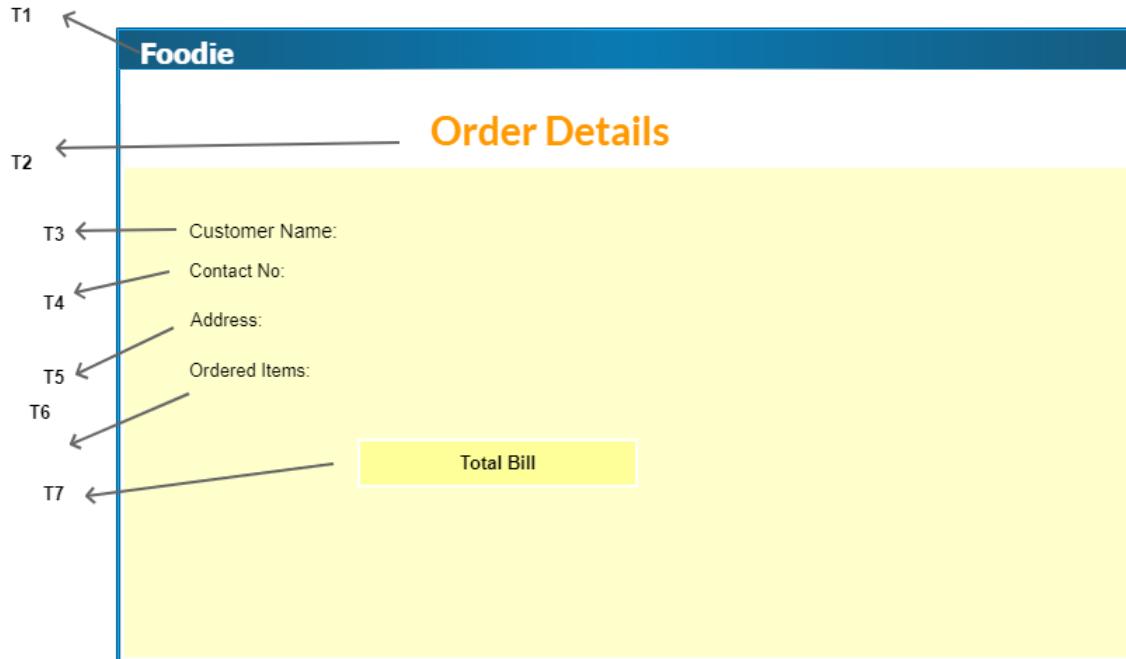


Figure 26: searched Order details

REQUIREMENT ID	ADMIN
T1	As an admin, I shall view the logo of software and click on the logo shall jump me to the home page of the software.

T2	As an admin, I shall view the page name at center of the page.
T3	As an admin, I shall view with customer name whom had placed the order which was searched by the admin.
T4	As an admin, I shall view the contact no of customer whom had placed the order which was searched by the admin.
T5	As an admin, I shall view the address of customer whom had placed the order which was searched by the admin.
T6	As an admin, I shall view the ordered items included in the order of customer whom had placed the order which was searched by the admin.
T7	As an admin, I shall view the total bill of the included items by customer whom had placed the order which was searched by the admin.

*Table 18: Specification for searched order details page*

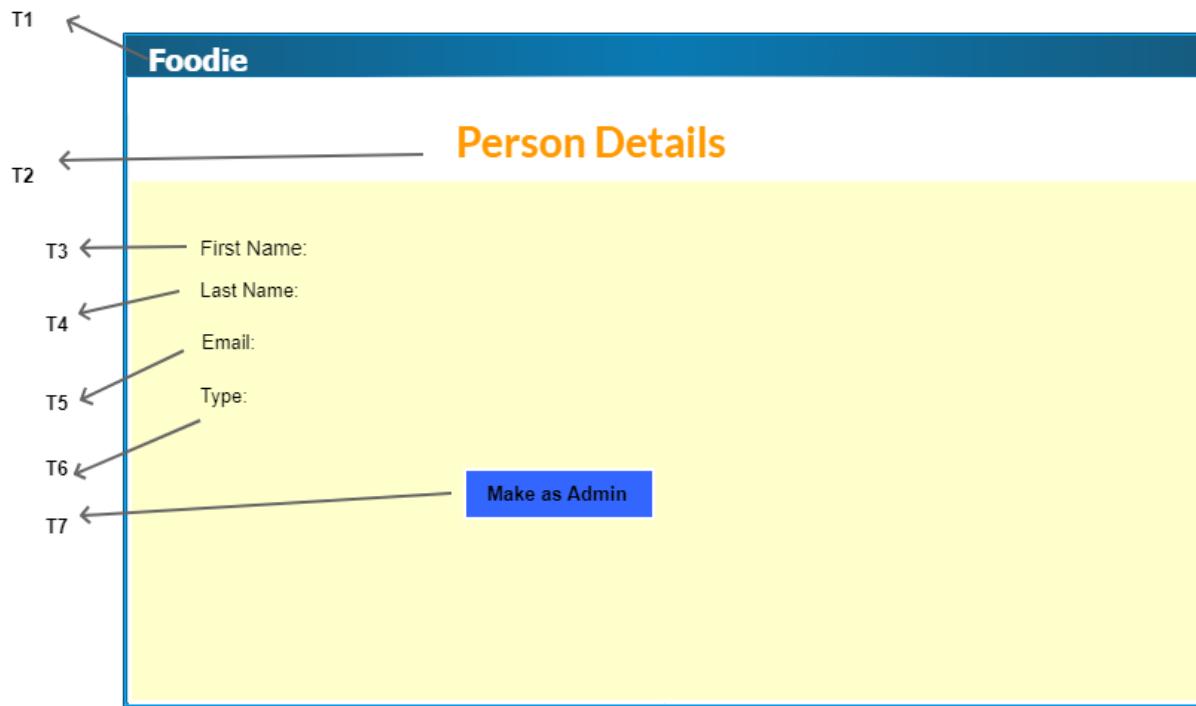


Figure 27:Searched Person Details for admin

REQUIREMENT ID	ADMIN
T1	As an admin, I shall view the logo of software and click on the logo shall jump me to the home page of the software.
T2	As an admin, I shall view the page name at center of the page.
T3	As an admin, I shall view with first name of the person which was being searched.
T4	As an admin, I shall view with last name of the person which was being searched.
T5	As an admin, I shall view with email address of the person which was being searched.

T6	As an admin, I shall view the information that if that person is an admin or a customer which was being searched.
T7	As an admin, I shall view the ‘make an admin’ button that shall make the person being searched an admin on click.

Table 19: specification for searched person's detail page

## 2.5. Use Case Diagram:

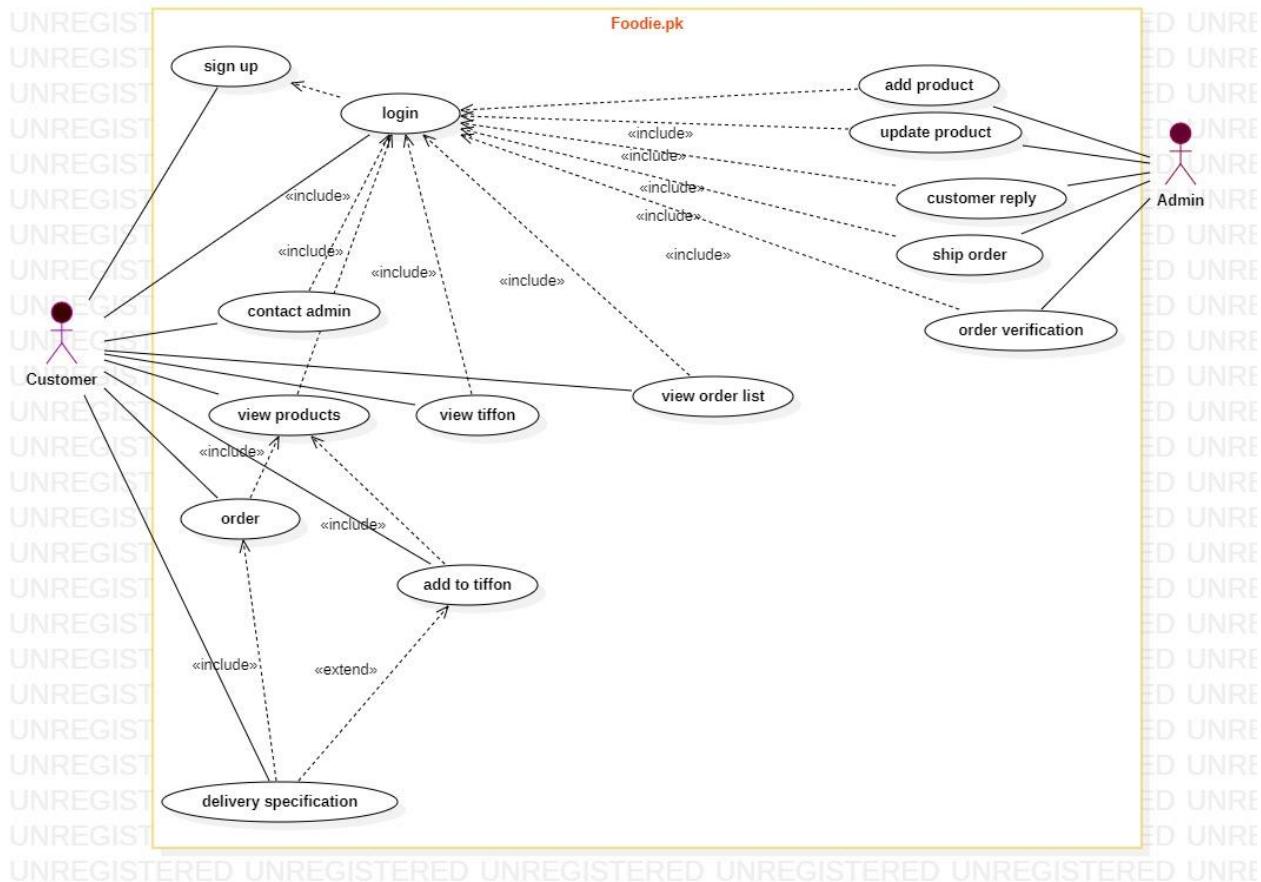


Figure 28 : User case diagram

## 2.6. Use Cases:

### a Sign-Up:

Name:	<b>Sign-up</b>
Participating actor	Customer
Goal	Actor want to make his/her account on the website.
Trigger	When actor click on the sign-up option.
Pre-condition	<ul style="list-style-type: none"> <li>• User must have internet availability.</li> </ul>
Post-condition:	<ul style="list-style-type: none"> <li>• This actor has successfully made his/her account in the website.</li> <li>• User jump to the item's display page.</li> </ul>
Basic Flow:	<ol style="list-style-type: none"> <li>1. User open the website using its address.</li> <li>2. User clicks on the sign up option from the navbar of main page.</li> <li>3. User enter its email, password and full name.</li> <li>4. User click on the sign up.</li> </ol>
Alternate Flow:	<ol style="list-style-type: none"> <li>1. User open the website using its address.</li> <li>2. User clicks on the sign up option from the navbar of about us page.</li> <li>3. User enter its email, password and full name.</li> <li>4. User click on the sign up.</li> </ol>
Exceptions:	<ul style="list-style-type: none"> <li>• If user with this id already exist. <ul style="list-style-type: none"> <li>◦ Page prompt an error message on sign -up page and demanding user to change his/her current email address.</li> </ul> </li> <li>• User click the 'sign in' button even though user do not have an account. <ul style="list-style-type: none"> <li>◦ Page prompt an error message if the user credentials shall not match.</li> <li>◦ User jump on the sign-in page to make its account.</li> </ul> </li> </ul>

Qualities	<ul style="list-style-type: none"> <li>• User successfully sign-up within 10 seconds.</li> <li>• User account data must be saved in the system for any further use.</li> <li>• User account data must be secured from unauthorized access.</li> </ul>
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### b Sign In:

Name:	<b>Sign-in</b>
Participating actor	Customer, Admin
Goal	Actor want to successfully login in his/her account.
Trigger	When user clicks on sign in option from the nav bar of main page.
Pre-condition	<ul style="list-style-type: none"> <li>• User must have internet availability</li> <li>• User must already have an account on this website.</li> </ul>
Post-condition:	<ul style="list-style-type: none"> <li>• The actor successfully log-in into his/her account.</li> <li>• User jump to the food item's page.</li> </ul>
Basic Flow:	<ol style="list-style-type: none"> <li>1. User open the website using its address.</li> <li>2. User select sign in option from the nav bar of main page.</li> <li>3. User enter his/her email and password.</li> <li>4. User clicks on sign in option.</li> </ol>
Alternate Flow:	<ol style="list-style-type: none"> <li>1. User open the website using its address.</li> <li>2. User select sign in option from the nav bar of about us page.</li> <li>3. User enter his/her email and password.</li> <li>4. User clicks on sign in option.</li> </ol>
Exceptions:	<ul style="list-style-type: none"> <li>• User do not have an account.           <ul style="list-style-type: none"> <li>• User must sign up before.</li> </ul> </li> </ul>
Qualities	<ul style="list-style-type: none"> <li>• User successfully log-in within few clicks.</li> <li>• User account data must be secured from unauthorized access.</li> </ul>

**c About Us page:**

Name:	<b>About Us Page</b>
Participating actor	Customer, Admin
Goal	Actor can view the brand partners of the organization.
Trigger	When actor clicks on 'About Us' button from the main page.
Pre-condition	<ul style="list-style-type: none"> <li>• Actor must have internet availability.</li> </ul>
Post-condition:	<ul style="list-style-type: none"> <li>• Actor can view the brand partners of the organization.</li> </ul>
Basic Flow:	<ol style="list-style-type: none"> <li>1. Actor open the website using its address.</li> <li>2. Actor clicks on 'About Us' option from the top most menu of the main page.</li> </ol>
Alternate Flow:	No alternate path exists.
Exceptions:	<ul style="list-style-type: none"> <li>• Do not have an internet connection.           <ul style="list-style-type: none"> <li>○ Arrange an internet connection.</li> </ul> </li> </ul>
Qualities	<ul style="list-style-type: none"> <li>• Actor will have an outlook about the organization.</li> </ul>

**d Main Page:**

Name:	<b>Main Page</b>
Participating actor	Customer, Admin
Goal	Actor can see some featured food blogs and can navigate to important website links.
Trigger	When Actor opens the website using its address.
Pre-condition	<ul style="list-style-type: none"> <li>• User must have internet availability.</li> <li>• User must know about the valid website address.</li> </ul>
Post-condition:	<ul style="list-style-type: none"> <li>• User jump to the About us page.</li> <li>• User jump to the Contact us page.</li> <li>• User can see the food blogs.</li> <li>• User can navigate to social media accounts of website.</li> </ul>
Basic Flow:	<ol style="list-style-type: none"> <li>1. User open the website using its address.</li> </ol>

	<p>2. User can jump to the main page of website.</p>
Alternate Flow:	<ol style="list-style-type: none"> <li>1. User open the website using its address.</li> <li>2. User clicks on about us option from the nav bar of main page.</li> <li>3. User clicks on the information button from the about us page.</li>   <li>1. User open the website using its address.</li> <li>2. User clicks on logo of website and it will jump the user to the main page.</li> </ol>
Exceptions:	<ul style="list-style-type: none"> <li>• Do not have an internet connection. <ul style="list-style-type: none"> <li>◦ Arrange an internet connection.</li> </ul> </li> </ul>
Qualities	<ul style="list-style-type: none"> <li>• User will have an outlook about the website.</li> <li>• User will get an overview about the food offered by the website.</li> </ul>

#### e Product Display Page:

Name:	<b>Product display Page</b>
Participating actor	User, admin
Goal	Actor want to view the any food item from any category.
Trigger	When user sign in his/her account.
Pre-condition	<ul style="list-style-type: none"> <li>• User must have internet availability.</li> <li>• User must know about the valid website address.</li> <li>• User must sign in his/her account successfully.</li> </ul>
Post-condition:	<ul style="list-style-type: none"> <li>• User can see his/her tiffin.</li> <li>• User can view his/her order list.</li> <li>• User can see description of food item from any category.</li> </ul>
Basic Flow:	<ol style="list-style-type: none"> <li>1. User open the website using its address.</li> <li>2. User clicks on the sign in option from the navbar of main page.</li> </ol>

	<ol style="list-style-type: none"> <li>3. User sign in his/her account successfully.</li> <li>4. User jumps to the product display page.</li> </ol>
Alternate Flow:	<ol style="list-style-type: none"> <li>1. Actor open the website using its address.</li> <li>2. Actor clicks on 'About Us' option from the top most menu of the main page.</li> <li>3. Actor clicks on sign in option from the navbar of about us page.</li> <li>4. Actor sign in his/her account successfully.</li> <li>5. User jumps to the product display page.</li> </ol>
Exceptions:	<ul style="list-style-type: none"> <li>• User does not already have an account on website and does not sign in successfully. <ul style="list-style-type: none"> <li>◦ User must sign up first.</li> </ul> </li> <li>• Do not have an internet connection. <ul style="list-style-type: none"> <li>◦ Arrange an internet connection.</li> </ul> </li> </ul>
Qualities	<ul style="list-style-type: none"> <li>• Actor can view products offered by website from anywhere anytime.</li> </ul>

#### **f Product Description page:**

Name:	<b>Product description page</b>
Participating actor	User, admin
Goal	Actor want to view description of any food item from any category.
Trigger	When user click on detail option on product display page.
Pre-condition	<ul style="list-style-type: none"> <li>• User must have internet availability.</li> <li>• User must know about the valid website address.</li> <li>• User must have sign in into his/her account.</li> </ul>

	<ul style="list-style-type: none"> <li>• User must have selected any food item from product display page.</li> </ul>
Post-condition:	<ul style="list-style-type: none"> <li>• User can see the product price and its description.</li> </ul>
Basic Flow:	<ol style="list-style-type: none"> <li>1. User open the website using its address.</li> <li>2. User clicks on the sign in option from the navbar of main page.</li> <li>3. User sign in his/her account successfully.</li> <li>4. User click on the details option of any food item.</li> <li>5. User jumps to the product description page.</li> </ol>
Alternate Flow:	<ol style="list-style-type: none"> <li>1. Actor open the website using its address.</li> <li>2. Actor clicks on ‘About Us’ option from the top most menu of the main page.</li> <li>3. Actor clicks on sign in option from the navbar of about us page.</li> <li>4. Actor sign in his/her account successfully.</li> <li>5. User click on the details option of any food item.</li> <li>6. User jumps to the product description page.</li> </ol>
Exceptions:	<ul style="list-style-type: none"> <li>• User does not already have an account on website and does not sign in successfully. <ul style="list-style-type: none"> <li>◦ User must sign up first.</li> </ul> </li> <li>• Do not have an internet connection. <ul style="list-style-type: none"> <li>◦ Arrange an internet connection.</li> </ul> </li> </ul>
Qualities	<ul style="list-style-type: none"> <li>• User can view any food’s price, picture, provider and restaurant name from anywhere.</li> </ul>

### **g Order:**

Name:	Order
Participating actor	Customer
Goal	Actor want to order any food item from any category.

Trigger	When user click on ‘eat now’ option on product description page.
Pre-condition	<ul style="list-style-type: none"> <li>• User must have internet availability.</li> <li>• User must know about the valid website address.</li> <li>• User must have sign in into his/her account.</li> <li>• User must have selected any food item from product display page.</li> </ul>
Post-condition:	<ul style="list-style-type: none"> <li>• User can order any food item from any category.</li> </ul>
Basic Flow:	<ol style="list-style-type: none"> <li>1. User open the website using its address.</li> <li>2. User clicks on the sign in option from the navbar of main page.</li> <li>3. User sign in his/her account successfully.</li> <li>4. User jumps to the product description page.</li> <li>5. User click on the details option of any food item.</li> <li>6. User clicks on the ‘eat now’ option from the product description page for any product.</li> </ol>
Alternate Flow:	<ol style="list-style-type: none"> <li>1. Actor open the website using its address.</li> <li>2. Actor clicks on ‘About Us’ option from the top most menu of the main page.</li> <li>3. Actor clicks on sign in option from the navbar of about us page.</li> <li>4. Actor sign in his/her account successfully.</li> <li>5. User click on the details option of any food item</li> <li>6. User click on the details option of any food item.</li> <li>7. User clicks on the ‘eat now’ option from the product description page for any product.</li> </ol>

Exceptions:	<ul style="list-style-type: none"> <li>User does not already have an account on website and does not sign in successfully.           <ul style="list-style-type: none"> <li>User must sign up first.</li> </ul> </li> <li>Do not have an internet connection.           <ul style="list-style-type: none"> <li>Arrange an internet connection.</li> </ul> </li> </ul>
Qualities	<ul style="list-style-type: none"> <li>User can order offered products by website at anytime from anywhere.</li> </ul>

#### **h View order list page:**

Name:	<b>View Order List page</b>
Participating actor	Customer
Goal	Actor want to view his/her placed order.
Trigger	When actor clicks on the ‘view order list’ from the product display page.
Pre-condition	<ul style="list-style-type: none"> <li>Actor must have internet availability.</li> <li>Actor must click on ‘login’.</li> <li>User must know about the valid website address.</li> </ul>
Post-condition:	<ul style="list-style-type: none"> <li>Actor can view his/her placed order.</li> </ul>
Basic Flow:	<ol style="list-style-type: none"> <li>User open the website using its address.</li> <li>User clicks on the sign in option from the navbar of main page.</li> <li>User sign in his/her account successfully.</li> <li>User clicks on the view order list option from the product display page.</li> <li>User jumps to the view order details page.</li> </ol>
Alternate Flow:	<ol style="list-style-type: none"> <li>Actor open the website using its address.</li> <li>Actor clicks on ‘About Us’ option from the top most menu of the main page.</li> <li>Actor clicks on sign in option from the navbar of about us page.</li> <li>Actor sign in his/her account successfully.</li> </ol>

	<p>5. User clicks on the view order list option from the product display page.</p> <p>6. User jumps to the view order details page.</p>
Exceptions:	<ul style="list-style-type: none"> <li>User does not already have an account on website and does not sign in successfully. <ul style="list-style-type: none"> <li>User must sign up first.</li> </ul> </li> <li>Do not have an internet connection. <ul style="list-style-type: none"> <li>Arrange an internet connection.</li> </ul> </li> </ul>
Qualities	<ul style="list-style-type: none"> <li>Actor can view his/her order placed along with selected items and its price.</li> </ul>

### i Tiffin page:

Name:	<b>Add to Tiffin</b>
Participating actor	Customer
Goal	Customer wants to add products in his/her tiffin.
Trigger	When actor clicks on the 'add to tiffin' button from the product description page.
Pre-condition	<ul style="list-style-type: none"> <li>Actor must have internet availability.</li> <li>Actor must 'login'.</li> <li>User must know about the valid website address.</li> </ul>
Post-condition:	<ul style="list-style-type: none"> <li>Actor can add, delete any product in his/her tiffin.</li> </ul>
Basic Flow:	<ol style="list-style-type: none"> <li>User open the website using its address.</li> <li>User clicks on the sign in option from the navbar of main page.</li> <li>User sign in his/her account successfully.</li> <li>User clicks on the 'add to tiffin' button from the product description page.</li> <li>User jumps to the tiffin page.</li> </ol>
Alternate Flow:	<ol style="list-style-type: none"> <li>Actor open the website using its address.</li> </ol>

	<ol style="list-style-type: none"> <li>2. Actor clicks on 'About Us' option from the top most menu of the main page.</li> <li>3. Actor clicks on sign in option from the navbar of about us page.</li> <li>4. Actor sign in his/her account successfully.</li> <li>5. Actor clicks on the 'view your tiffin' button from the product display page.</li> <li>6. User jumps to the tiffin page.</li> </ol>
Exceptions:	<ul style="list-style-type: none"> <li>•User does not already have an account on website and does not sign in successfully. <ul style="list-style-type: none"> <li>• User must sign up first.</li> </ul> </li> <li>•Do not have an internet connection. <ul style="list-style-type: none"> <li>• Arrange an internet connection.</li> </ul> </li> </ul>
Qualities	<ul style="list-style-type: none"> <li>• Actor can increment or decrement added product's quantity with few clicks.</li> </ul>

### j Contact us

Name	Contact page
Participating actor	Customer
Goal	Actor wants to contact the admin regarding any facing issue.
Trigger	Actor clicks on 'Contact us' option from the main page.
Pre-condition	<ul style="list-style-type: none"> <li>• User must have internet availability.</li> <li>• User must know about the valid website address.</li> </ul>
Post-condition:	<ul style="list-style-type: none"> <li>• User can send his/her message to the admin.</li> </ul>
Basic Flow:	<ol style="list-style-type: none"> <li>1. User open the website using its address.</li> <li>2. User clicks on 'Contact us' option from main menu from the main page.</li> <li>3. Place the desired message and associated details and clicks on send message option</li> </ol>
Alternate Flow:	<ol style="list-style-type: none"> <li>1. Actor open the website using its address.</li> </ol>

	<ol style="list-style-type: none"> <li>2. Actor clicks on ‘About Us’ option from the top most menu of the main page.</li> <li>3. User clicks on ‘Contact us’ option from the navbar.</li> <li>4. Place the desired message and associated details and clicks on send message option</li> </ol>
Exceptions:	<ul style="list-style-type: none"> <li>• Do not have an internet connection. <ul style="list-style-type: none"> <li>○ Arrange an internet connection.</li> </ul> </li> </ul>
Qualities	<ul style="list-style-type: none"> <li>• If user is facing any issue regarding order or website, then he/she can contact directly to the admin with few clicks.</li> </ul>

#### k Delivery Specification Page:

Name	<b>Delivery Specification page</b>
Participating actor	Customer
Goal	Actor wants to specify his/her address for food delivery.
Trigger	Actor clicks on order from the product description page.
Pre-condition	<ul style="list-style-type: none"> <li>• User must have internet availability.</li> <li>• When user sign up or sign in his/her account.</li> <li>• User must have selected a product.</li> <li>• User must know about the valid website address.</li> </ul>
Post-condition:	<ul style="list-style-type: none"> <li>• User can specify its address for delivery.</li> </ul>
Basic Flow:	<ol style="list-style-type: none"> <li>1. User open the website using its address.</li> <li>2. User clicks on the sign in option from the navbar of main page.</li> <li>3. User clicks at any product from the product display page.</li> <li>4. User clicks on the ‘eat now’ option from the product description page.</li> <li>5. User jump to the delivery specification page.</li> </ol>

Alternate Flow:	<ol style="list-style-type: none"> <li>1. Actor open the website using its address.</li> <li>2. Actor clicks on 'About Us' option from the top most menu of the main page.</li> <li>3. Actor clicks on sign in option from the navbar of about us page.</li> <li>4. Actor sign in his/her account successfully.</li> <li>5. User jumps to the product description page.</li> <li>6. User clicks at any product from the product display page.</li> <li>7. User clicks on the 'eat now' option from the product description page.</li> <li>8. User jump to the delivery specification page.</li> </ol>
Exceptions:	<ul style="list-style-type: none"> <li>• User does not already have an account on website and does not sign in successfully. <ul style="list-style-type: none"> <li>◦ User must sign up first.</li> </ul> </li> <li>• Do not have an internet connection. <ul style="list-style-type: none"> <li>◦ Arrange an internet connection.</li> </ul> </li> <li>• User has not specified the phone number in its format but enter address at its field bar. <ul style="list-style-type: none"> <li>◦ User will get a prompt message to re-enter phone number.</li> </ul> </li> </ul>
Qualities	<ul style="list-style-type: none"> <li>• User can specify his/her delivery specification with few clicks.</li> </ul>

## I Add Product Page

Name:	<b>Add Product Page</b>
Participating actor	Admin
Goal	Actor want to add a food item in any category.

Trigger	When admin clicks on 'add a new product' option from main page.
Pre-condition	<ul style="list-style-type: none"> <li>• Actor must have internet availability.</li> <li>• Actor must click on 'login in'.</li> <li>• Actor must know the valid address of website.</li> </ul>
Post-condition:	<ul style="list-style-type: none"> <li>• Actor added a new product successfully.</li> </ul>
Basic Flow:	<ul style="list-style-type: none"> <li>• Admin opens the website using its address.</li> <li>• User clicks on the sign in option from the navbar of main page.</li> <li>• User sign in his/her account successfully.</li> <li>• User Clicks on add a new product option from manage product page.</li> <li>• Admin enter the name, price, description, provider and image of the product.</li> <li>• Click on add option.</li> </ul>
Alternate Flow:	<ul style="list-style-type: none"> <li>• Admin opens the website using its address.</li> <li>• Actor clicks on 'About Us' option from the top most menu of the main page.</li> <li>• User sign in his/her account successfully.</li> <li>• User Clicks on add a new product option from manage product page.</li> <li>• Admin enter the name, price, description, provider and image of the product.</li> <li>• Click on add option.</li> </ul>
Exceptions:	<ul style="list-style-type: none"> <li>• User does not already have an account on website and does not sign in successfully. <ul style="list-style-type: none"> <li>◦ User must sign up first.</li> </ul> </li> <li>• Do not have an internet connection. <ul style="list-style-type: none"> <li>◦ Arrange an internet connection.</li> </ul> </li> </ul>
Qualities	<ul style="list-style-type: none"> <li>• Admin add a new product in the website with few clicks.</li> </ul>

### **m Update Product Page:**

Name:	<b>Update Product Page</b>
Participating actor	Admin
Goal	Actor want to update a food item in any category.
Trigger	When admin clicks on ‘Update a product’ option from main page.
Pre-condition	<ul style="list-style-type: none"> <li>• Actor must have internet availability.</li> <li>• Actor must click on ‘login in’.</li> <li>• User must know about the valid website address.</li> </ul>
Post-condition:	<ul style="list-style-type: none"> <li>• Actor updated a product successfully.</li> </ul>
Basic Flow:	<ol style="list-style-type: none"> <li>1. Admin opens the website using its address.</li> <li>2. User clicks on the sign in option from the navbar of main page.</li> <li>3. User sign in his/her account successfully.</li> <li>4. User Clicks on update product option from manage product page.</li> <li>5. User jumps to the update product page.</li> </ol>
Alternate Flow:	<ol style="list-style-type: none"> <li>1. Admin opens the website using its address.</li> <li>2. Actor clicks on ‘About Us’ option from the top most menu of the main page.</li> <li>3. User sign in his/her account successfully.</li> <li>4. User Clicks on update product option from manage product page.</li> <li>5. User jumps to the update product page.</li> </ol>
Exceptions:	<ul style="list-style-type: none"> <li>• Do not have an internet connection. <ul style="list-style-type: none"> <li>○ Arrange an internet connection.</li> </ul> </li> <li>• Admin has not login by the admin credentials.</li> </ul>

	<ul style="list-style-type: none"> <li>○ Contact the organization to make him/her admin to gain admin settings.</li> </ul>
Qualities	<ul style="list-style-type: none"> <li>● Admin update a product in the website with some clicks.</li> </ul>

### n Search any order:

Name:	<b>Search an order Page</b>
Participating actor	Admin
Goal	Actor want to search any order placed by customers.
Trigger	When admin clicks on search an order button from the order place page.
Pre-condition	<ul style="list-style-type: none"> <li>● Actor must have internet availability.</li> <li>● Actor must ‘login’</li> <li>● User must know about the valid website address.</li> </ul>
Post-condition:	<ul style="list-style-type: none"> <li>● Actor can search any order by entering its order id only.</li> </ul>
Basic Flow:	<ol style="list-style-type: none"> <li>1. Admin opens the website using its address.</li> <li>2. User clicks on the sign in option from the navbar of main page.</li> <li>3. User sign in successfully.</li> <li>4. Admin clicks on the view placed order list.</li> <li>5. Admin clicks on the search an order from the placed order page.</li> </ol>
Alternate Flow:	<ol style="list-style-type: none"> <li>1. Admin opens the website using its address.</li> <li>2. User clicks on the sign in option from the navbar of about us page.</li> <li>3. User sign in successfully.</li> <li>4. Admin clicks on the view placed order list.</li> <li>5. Admin clicks on the search an order from the placed order page.</li> </ol>
Exceptions:	<ul style="list-style-type: none"> <li>● Do not have an internet connection. <ul style="list-style-type: none"> <li>○ Arrange an internet connection.</li> </ul> </li> </ul>

	<ul style="list-style-type: none"> <li>• Admin has not login by the admin credentials.           <ul style="list-style-type: none"> <li>○ Contact the organization to make him/her admin to gain admin settings.</li> </ul> </li> </ul>
Qualities	<ul style="list-style-type: none"> <li>• Admin do not have to view all orders placed by customer to search a particular one.</li> <li>• Admin can easily have access to any order by entering its order id.</li> </ul>

**o Search any Person page:**

Name:	Search Person
Participating actor	Admin
Goal	Actor want to search any other admin or customer.
Trigger	When admin clicks on ‘manage permission’ button from the top most menu of manage products page.
Pre-condition	<ul style="list-style-type: none"> <li>• Actor must have internet availability.</li> <li>• Actor must ‘login’</li> <li>• User must know about the valid website address.</li> </ul>
Post-condition:	<ul style="list-style-type: none"> <li>• Actor can search any person by entering its name only.</li> </ul>
Basic Flow:	<ol style="list-style-type: none"> <li>1. Admin opens the website using its address.</li> <li>2. User clicks on the sign in option from the navbar of main page.</li> <li>3. User sign in successfully.</li> <li>4. Admin clicks on ‘manage permission’ button from the top most menu of manage products page.</li> <li>5. Actor jumps to search any person record.</li> </ol>
Alternate Flow:	<ol style="list-style-type: none"> <li>1. Admin opens the website using its address.</li> <li>2. User clicks on the sign in option from the navbar of about us page.</li> <li>3. User sign in successfully.</li> </ol>

	4. Admin clicks on ‘manage permission’ button from the top most menu of manage products page. 5. Actor jumps to search any person record.
Exceptions:	<ul style="list-style-type: none"> <li>• Do not have an internet connection.           <ul style="list-style-type: none"> <li>○ Arrange an internet connection.</li> </ul> </li> <li>• Admin has not login by the admin credentials.           <ul style="list-style-type: none"> <li>○ Contact the organization to make him/her admin to gain admin settings.</li> </ul> </li> </ul>
Qualities	<ul style="list-style-type: none"> <li>• Admin do not have to view all person’s list to search a particular one without have to look upon all person’s record.</li> <li>• Admin can easily have access to any person’s data within few clicks.</li> </ul>

### p View placed order page:

Name:	<b>View Placed Order page</b>
Participating actor	Admin
Goal	Actor want to view all orders list placed by the customers and change the status of pending orders to delivered order.
Trigger	When actor clicks on the ‘view ordered list’ button from the manage products page.
Pre-condition	<ul style="list-style-type: none"> <li>• Actor must have internet availability.</li> <li>• Actor must ‘login’</li> <li>• User must know about the valid website address.</li> </ul>
Post-condition:	<ul style="list-style-type: none"> <li>• Actor can view placed orders.</li> </ul>
Basic Flow:	<ol style="list-style-type: none"> <li>1. Actor opens the website using its address.</li> <li>2. User clicks on the sign in option from the navbar of main page.</li> <li>3. Actor clicks on the view ordered list button from the manage products page.</li> <li>4. Actor sign in successfully.</li> </ol>

	5. Actor jumps to ‘view placed order list’.
Alternate Flow:	<ol style="list-style-type: none"> <li>1. Actor opens the website using its address.</li> <li>2. User clicks on the sign in option from the navbar of about us page.</li> <li>3. Actor clicks on the view ordered list button from the manage products page.</li> <li>4. Actor sign in successfully.</li> <li>5. Actor jumps to ‘view placed order list’.</li> </ol>
Exceptions:	<ul style="list-style-type: none"> <li>• Do not have an internet connection. <ul style="list-style-type: none"> <li>○ Arrange an internet connection.</li> </ul> </li> <li>• Admin has not login by the admin credentials. <ul style="list-style-type: none"> <li>○ Contact the organization to make him/her admin to gain admin settings.</li> </ul> </li> </ul>
Qualities	<ul style="list-style-type: none"> <li>• Actor can change the status of pending orders to delivered order by clicking on one option.</li> </ul>

#### **q View Complaints page:**

Name:	<b>View Complaints page</b>
Participating actor	Admin
Goal	Actor want to view all complaints placed by the customers and change the status of pending messages to replied messages.
Trigger	When actor clicks on the ‘view complaints’ button from the manage products page’s top most menu.
Pre-condition	<ul style="list-style-type: none"> <li>• Actor must have internet availability.</li> <li>• Actor must ‘login’</li> <li>• User must know about the valid website address.</li> </ul>
Post-condition:	<ul style="list-style-type: none"> <li>• Actor can view all placed messages by the customers.</li> </ul>

Basic Flow:	<ol style="list-style-type: none"> <li>1. Actor opens the website using its address.</li> <li>2. User clicks on the sign in option from the navbar of main page.</li> <li>3. Actor sign in successfully.</li> <li>4. Actor clicks on the view complaints button from the top most menu of manage products page.</li> </ol>
Alternate Flow:	<ol style="list-style-type: none"> <li>1. Actor opens the website using its address.</li> <li>2. User clicks on the sign in option from the navbar of about us page.</li> <li>3. Actor sign in successfully.</li> <li>4. Actor clicks on the view complaints button from the top most menu of manage products page.</li> </ol>
Exceptions:	<ul style="list-style-type: none"> <li>• Do not have an internet connection. <ul style="list-style-type: none"> <li>◦ Arrange an internet connection.</li> </ul> </li> <li>• Admin has not login by the admin credentials. <ul style="list-style-type: none"> <li>◦ Contact the organization to make him/her admin to gain admin settings.</li> </ul> </li> </ul>
Qualities	<ul style="list-style-type: none"> <li>• Actor can view all placed complaints or messages by customers alongside with customer's information.</li> <li>• Actor can change the status of pending messages to replied messages by clicking on one option.</li> </ul>

#### r View Placed Order Details:

Name:	<b>View placed order details</b>
Participating actor	Admin
Goal	Actor want to view order details of the order being searched.

Trigger	When actor clicks on the 'search' button from the search an order page.
Pre-condition	<ul style="list-style-type: none"> <li>• Actor must have internet availability.</li> <li>• Actor must 'login'</li> <li>• User must know about the valid website address.</li> </ul>
Post-condition:	<ul style="list-style-type: none"> <li>• Actor can view order details of the order being searched.</li> </ul>
Basic Flow:	<ol style="list-style-type: none"> <li>1. Actor opens the website using its address.</li> <li>2. User clicks on the sign in option from the navbar of main page.</li> <li>3. Actor clicks on the view ordered list button from the manage products page.</li> <li>4. Actor clicks on the search an order button from the view placed order page.</li> <li>5. Actor clicks on the search button from the search an order page by entering any order id.</li> <li>6. Actor can view the order details of the order being searched in the view order details page.</li> </ol>
Alternate Flow:	<ol style="list-style-type: none"> <li>1. Actor opens the website using its address.</li> <li>2. User clicks on the sign in option from the navbar of about us page.</li> <li>3. Actor clicks on the view ordered list button from the manage products page.</li> <li>4. Actor clicks on the search an order button from the view placed order page.</li> <li>5. Actor clicks on the search button from the search an order page by entering any order id.</li> <li>6. Actor can view the order details of the order being searched in the view order details page.</li> </ol>
Exceptions:	<ul style="list-style-type: none"> <li>• Do not have an internet connection. <ul style="list-style-type: none"> <li>○ Arrange an internet connection.</li> </ul> </li> </ul>

	<ul style="list-style-type: none"> <li>• Admin has not login by the admin credentials.           <ul style="list-style-type: none"> <li>○ Contact the organization to make him/her admin to gain admin settings.</li> </ul> </li> </ul>
Qualities	<ul style="list-style-type: none"> <li>• Actor can view order detail of any particular order with customer's information without having to look upon all order's data.</li> <li>• Actor can change order status pending to delivered by click on one option.</li> </ul>

### s View Person Details:

Name:	<b>View person details</b>
Participating actor	Admin
Goal	Actor want to view a person's detail being searched and change its status either to admin or client.
Trigger	When actor clicks on the 'search' button from the search a person page.
Pre-condition	<ul style="list-style-type: none"> <li>• Actor must have internet availability.</li> <li>• Actor must 'login'</li> <li>• User must know about the valid website address.</li> </ul>
Post-condition:	<ul style="list-style-type: none"> <li>• Actor can view a person's details being searched.</li> </ul>
Basic Flow:	<ol style="list-style-type: none"> <li>1. Actor opens the website using its address.</li> <li>2. User clicks on the sign in option from the navbar of main page.</li> <li>3. User sign in successfully.</li> <li>4. Actor clicks on the manage permission button from the top most menu of the manage products page.</li> <li>5. Actor clicks on the search button from the search a person page by entering any name.</li> </ol>

	6. Actor can view the person's details being searched.
Alternate Flow:	<ol style="list-style-type: none"> <li>1. Actor opens the website using its address.</li> <li>2. User clicks on the sign in option from the navbar of about us page.</li> <li>3. User sign in successfully.</li> <li>4. Actor clicks on the manage permission button from the top most menu of the manage products page.</li> <li>5. Actor clicks on the search button from the search a person page by entering any name.</li> <li>6. Actor can view the person's details being searched.</li> </ol>
Exceptions:	<ul style="list-style-type: none"> <li>• Do not have an internet connection. <ul style="list-style-type: none"> <li>○ Arrange an internet connection.</li> </ul> </li> <li>• Admin has not login by the admin credentials. <ul style="list-style-type: none"> <li>○ Contact the organization to make him/her admin to gain admin settings.</li> </ul> </li> </ul>
Qualities	<ul style="list-style-type: none"> <li>• Actor can change person's status either to admin or client by click on one option.</li> </ul>

### 3. Design:

#### 3.1. Diagrams:

##### a) Class Diagram:

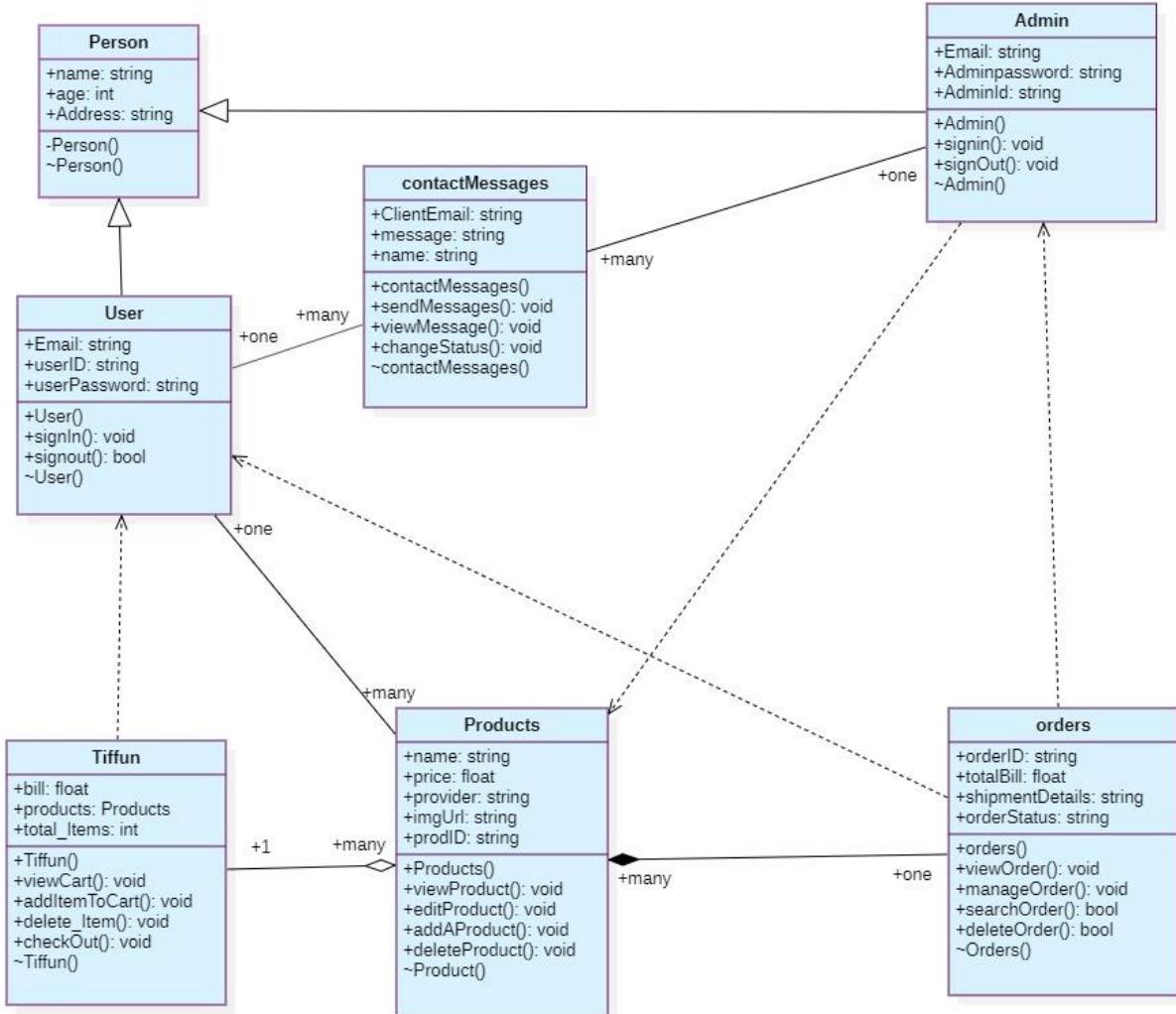
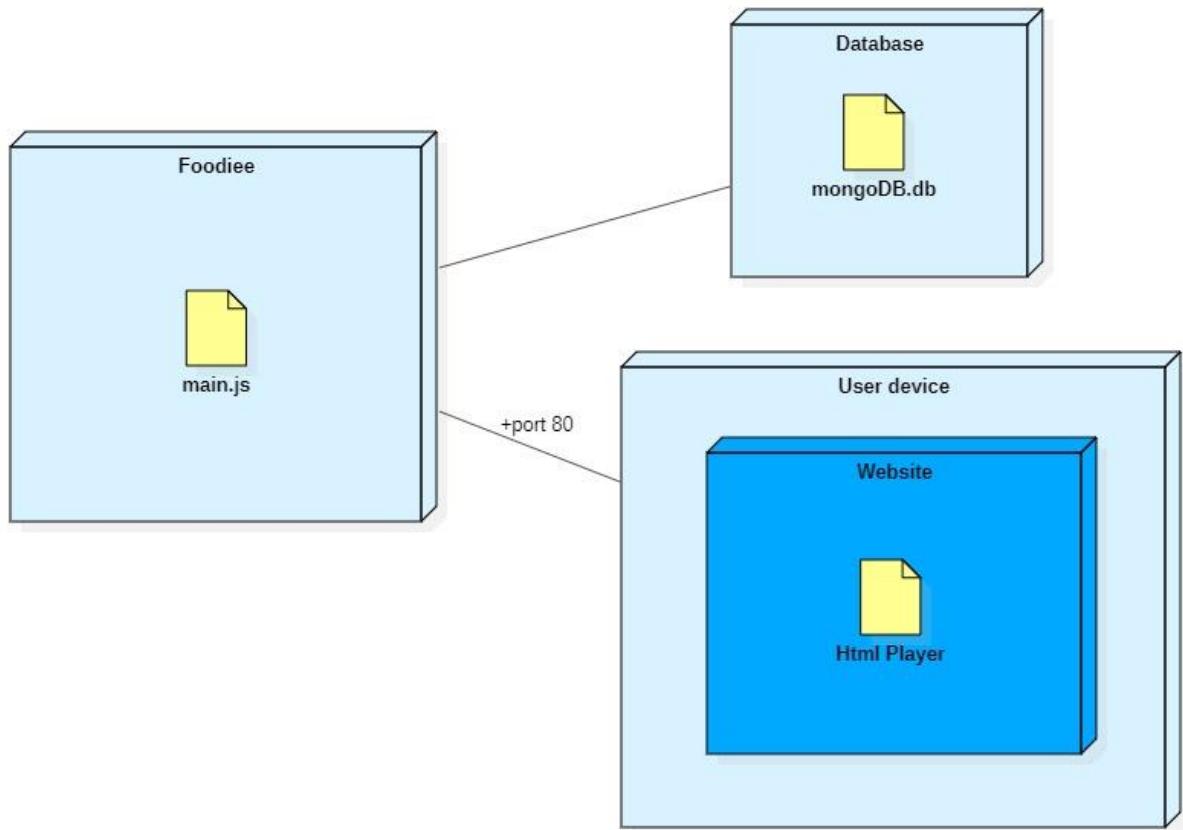


Figure 29: Class Diagram

**b) Deployment Page:**



*Figure 30: Deployment Diagram*

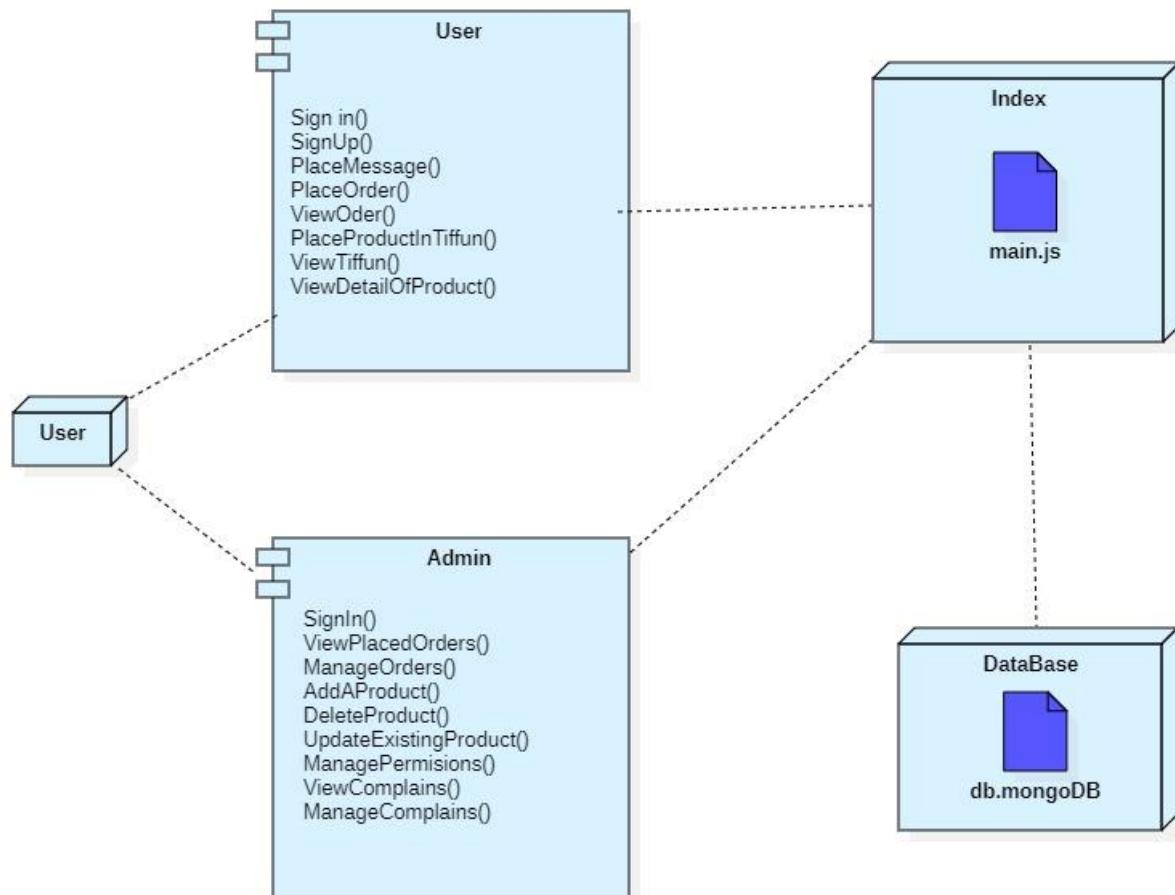


Figure 31: Detail deployment diagram

c) Sequence Diagram:

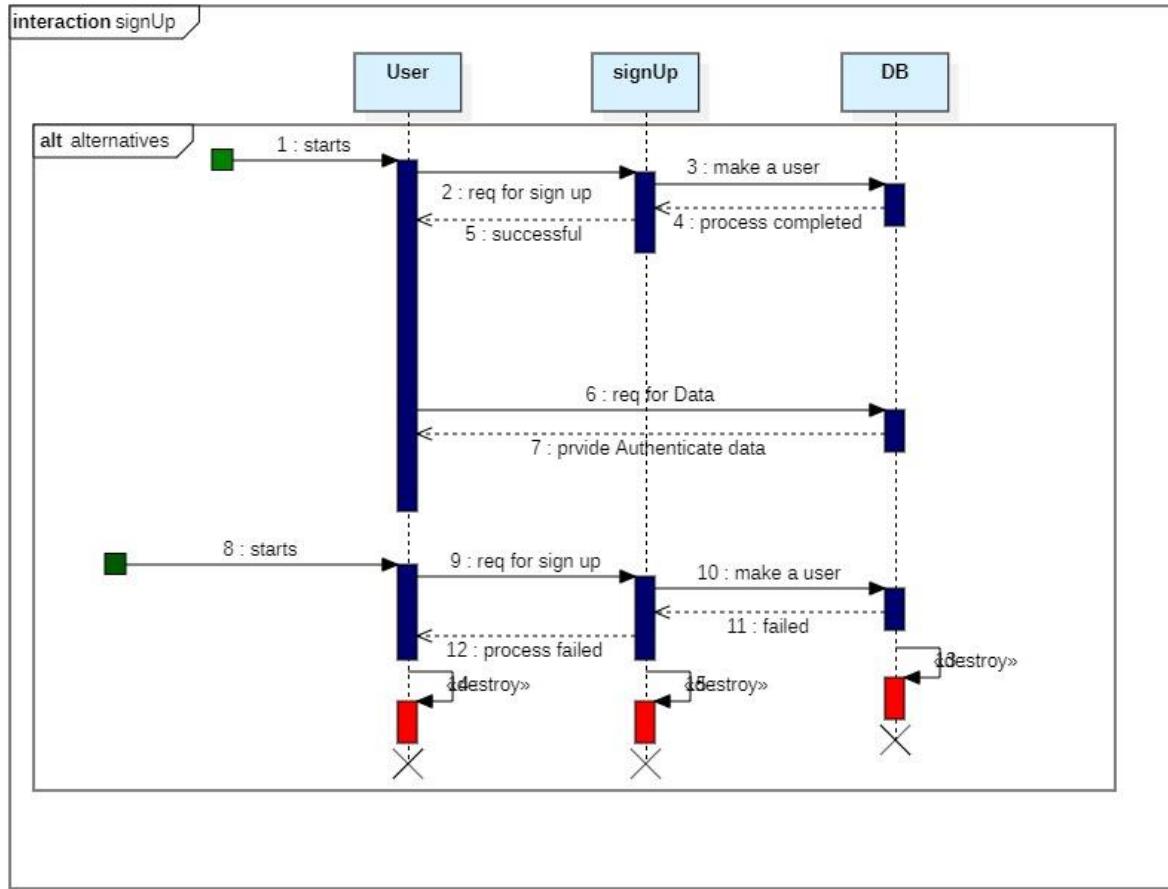


Figure 32: Sequence diagram for Sign Up

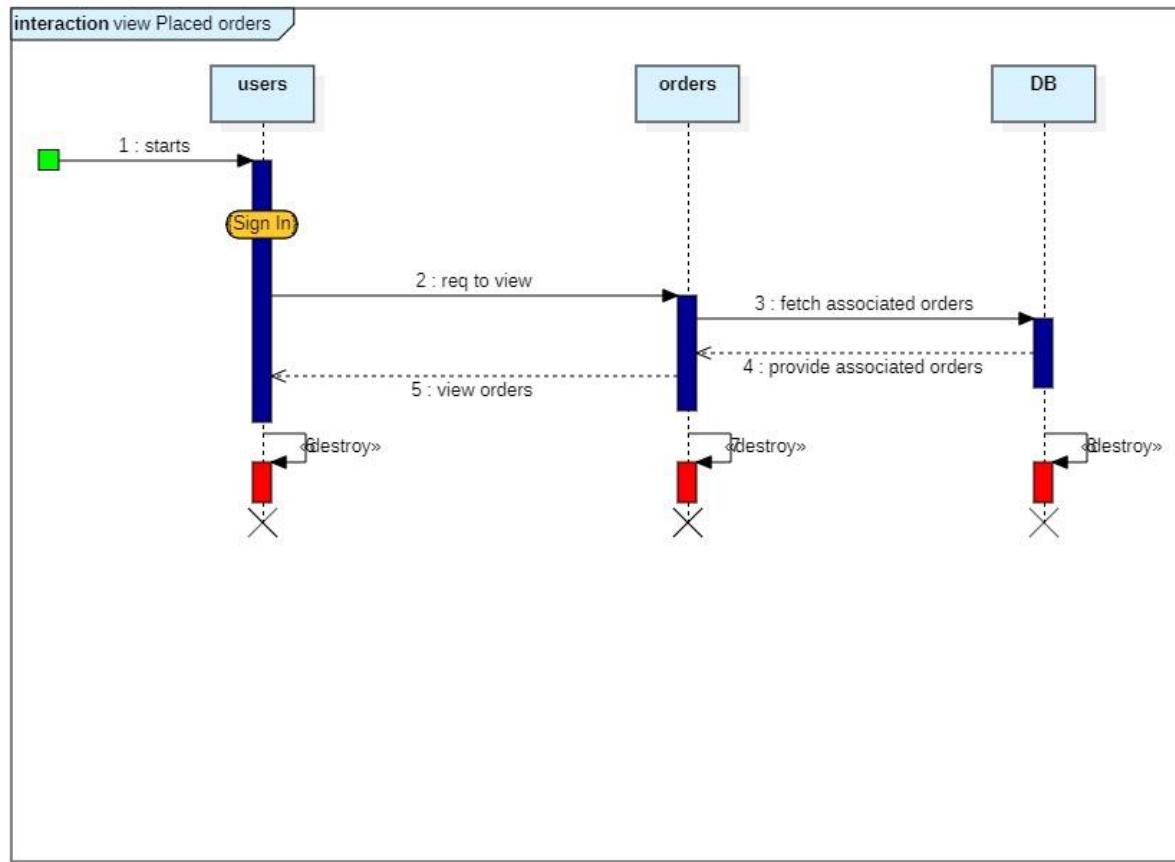


Figure 33: Sequence diagram for buy products

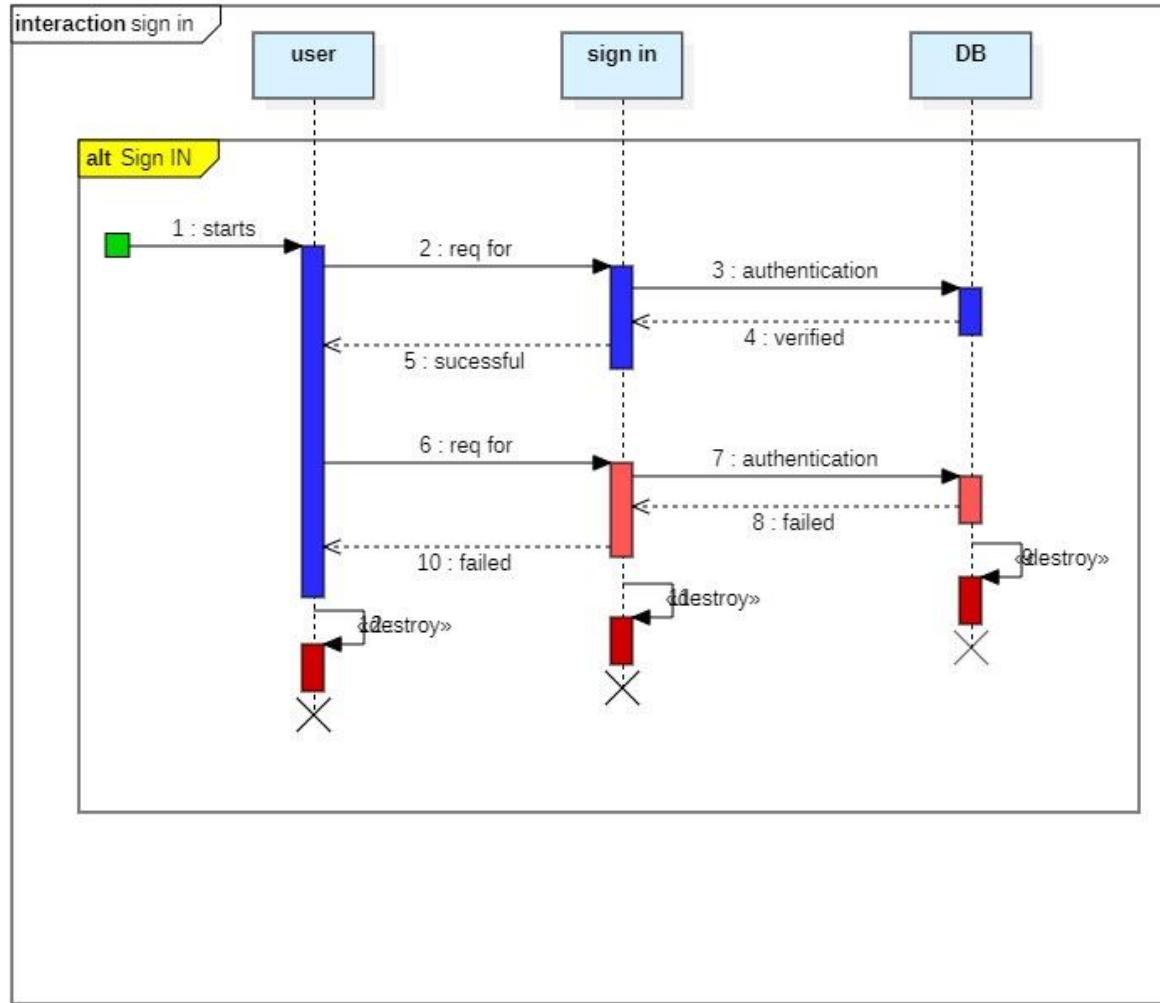


Figure 34: sequence diagram for Sign in

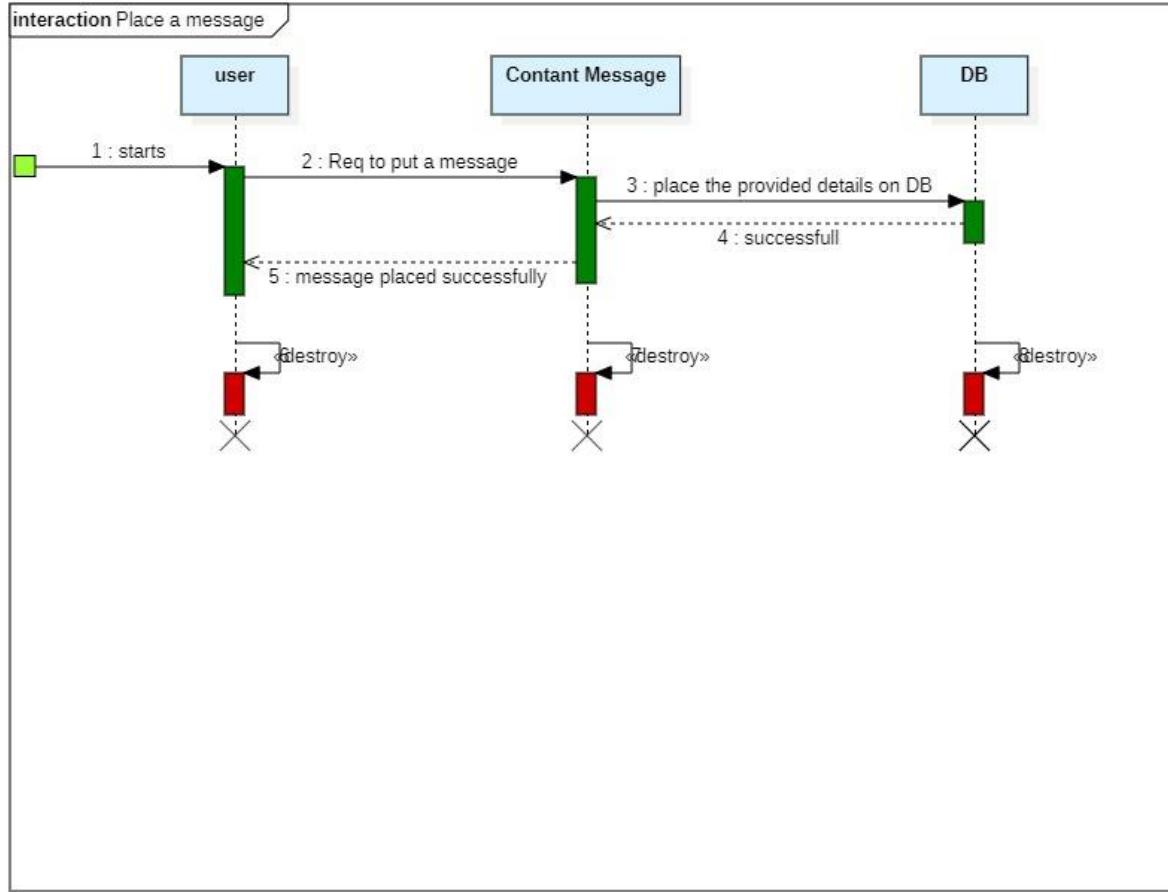


Figure 35: Sequence diagram for contact us page

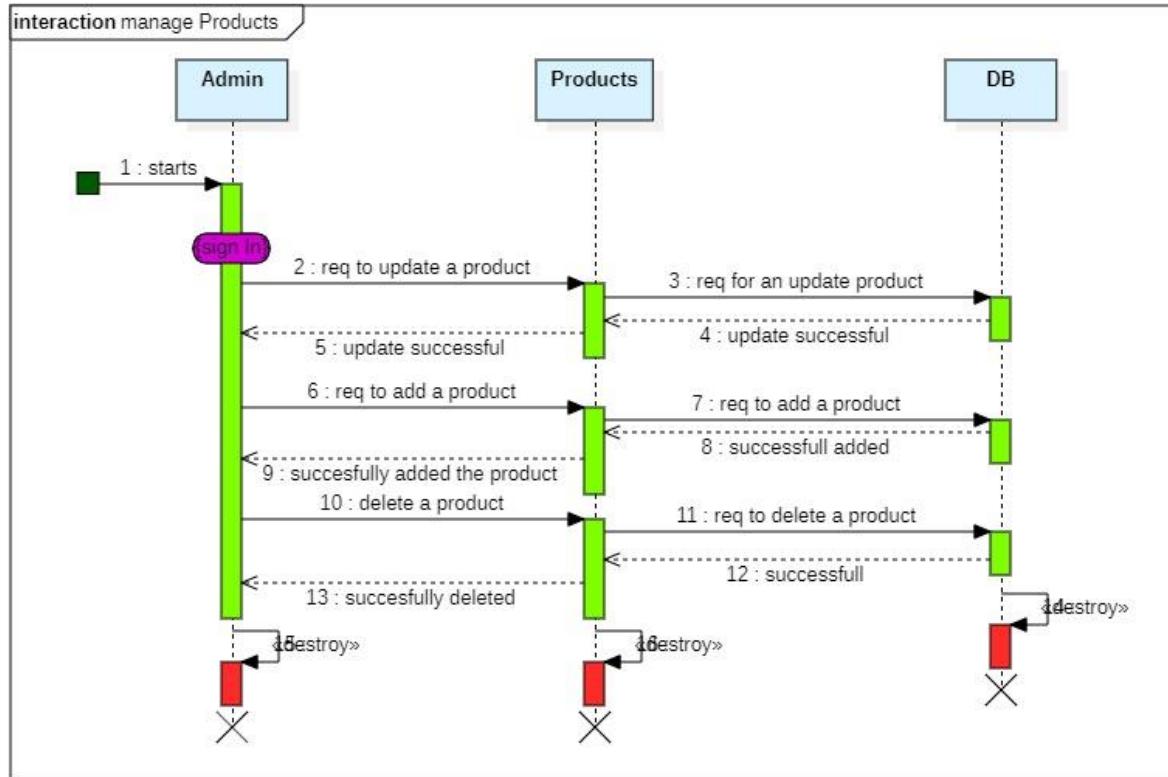


Figure 36: Sequence diagram for product page

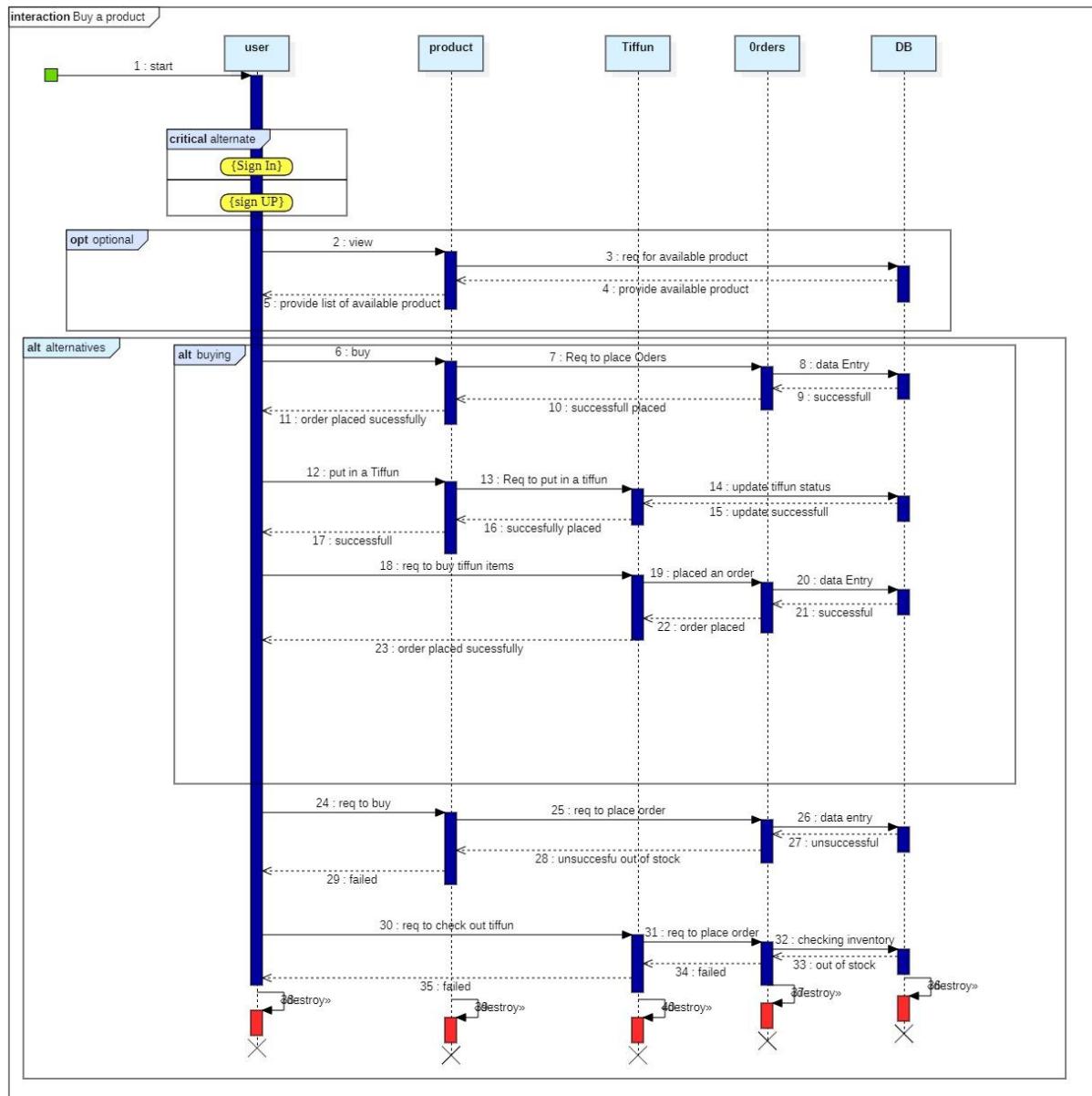


Figure 37: Sequence diagram for Buy Product

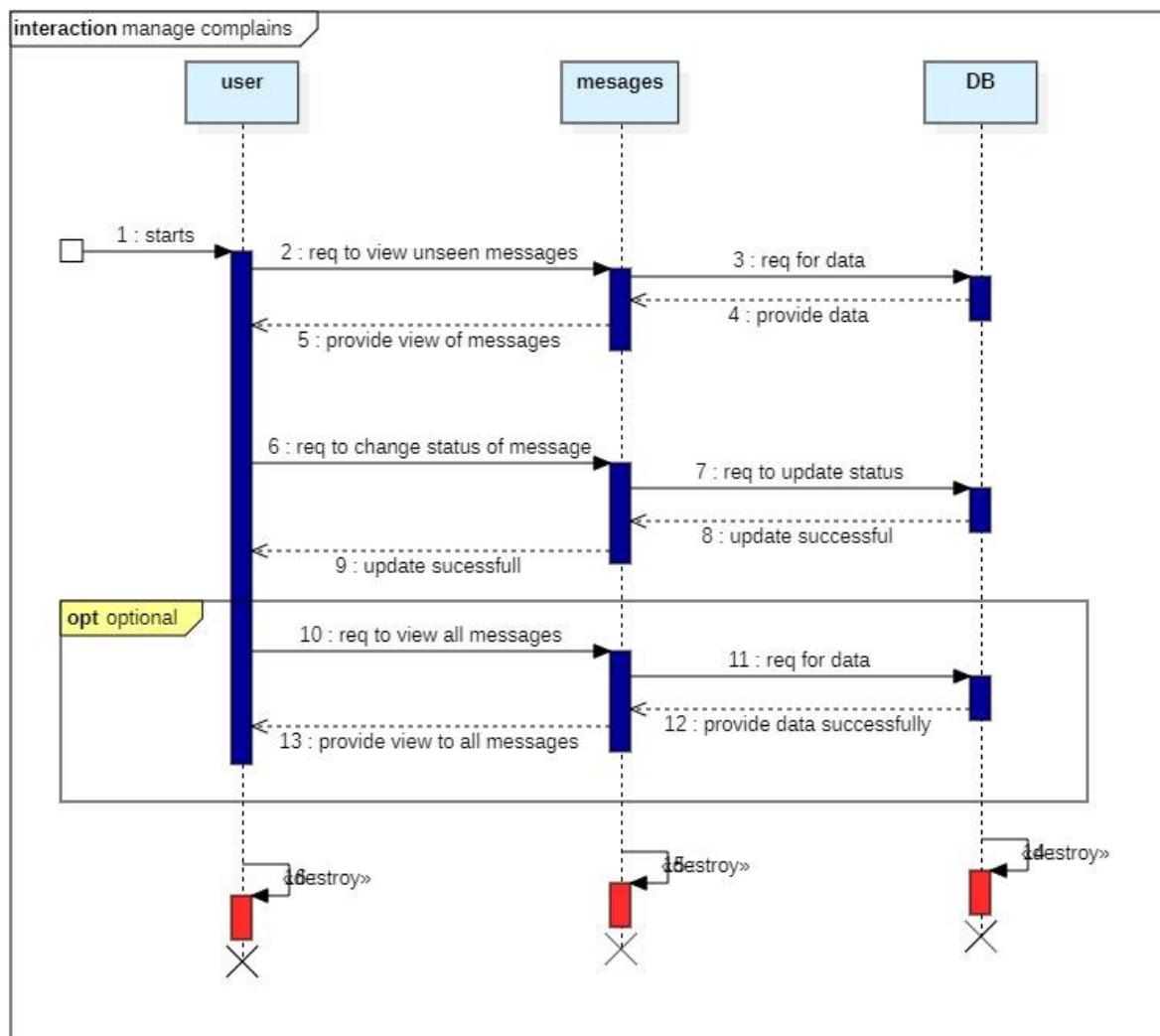


Figure 38: sequence diagram for manage complains

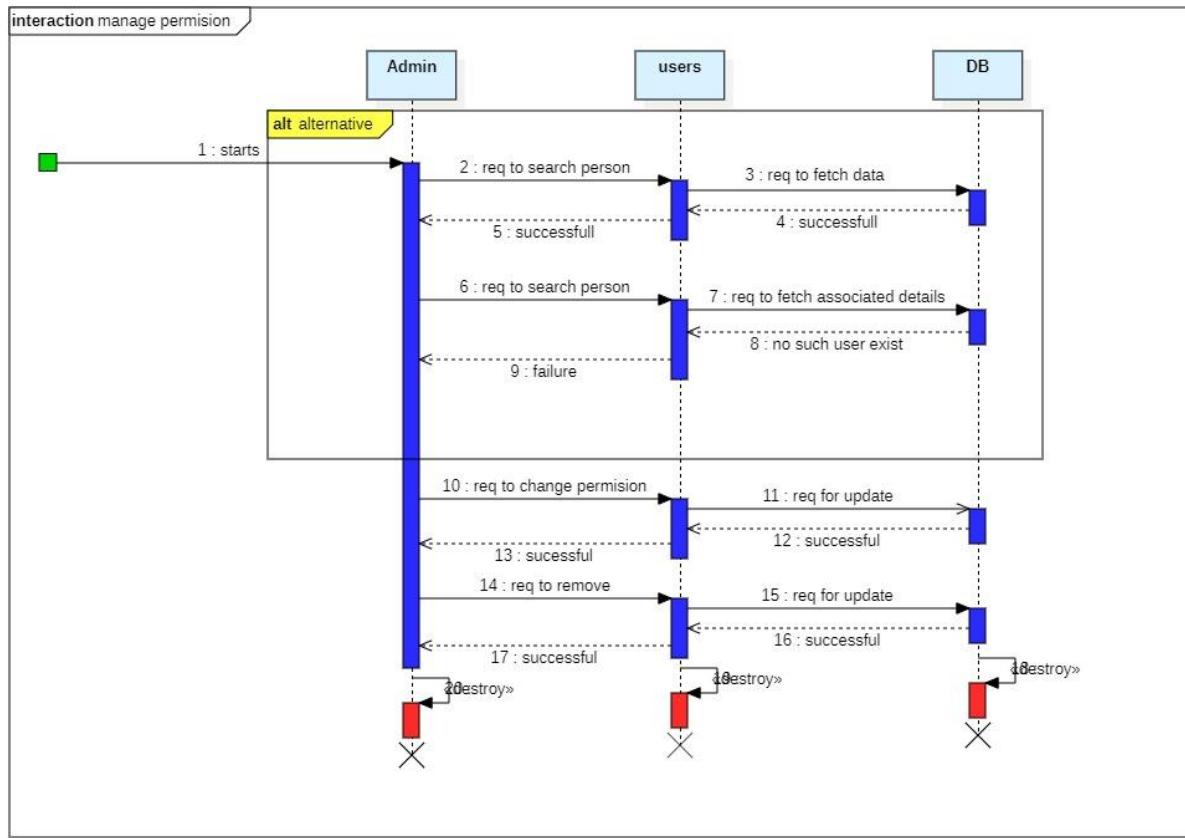


Figure 39: Sequence diagram for manage permissions

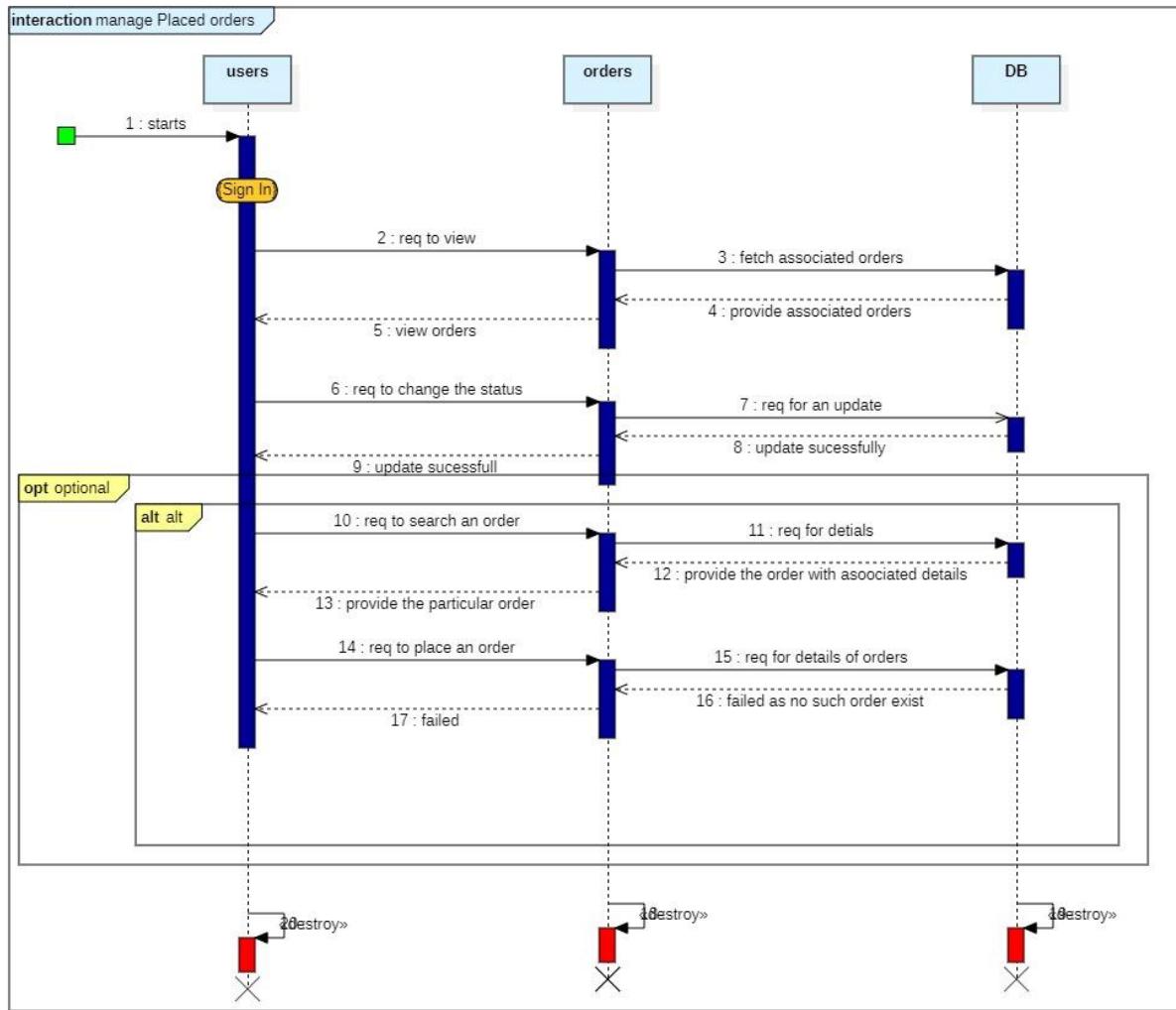


Figure 40: sequence diagram for manage placed order

d) Package Diagram:

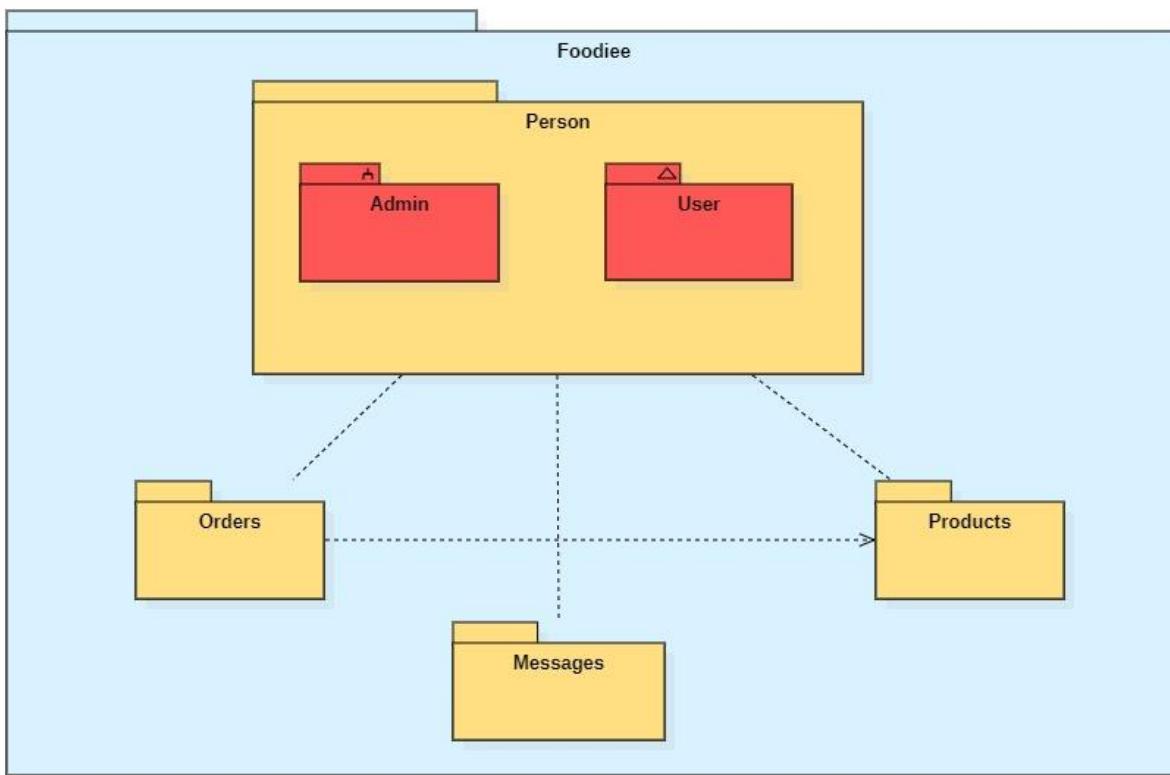


Figure 41: package diagram

e) Collaboration Diagram:

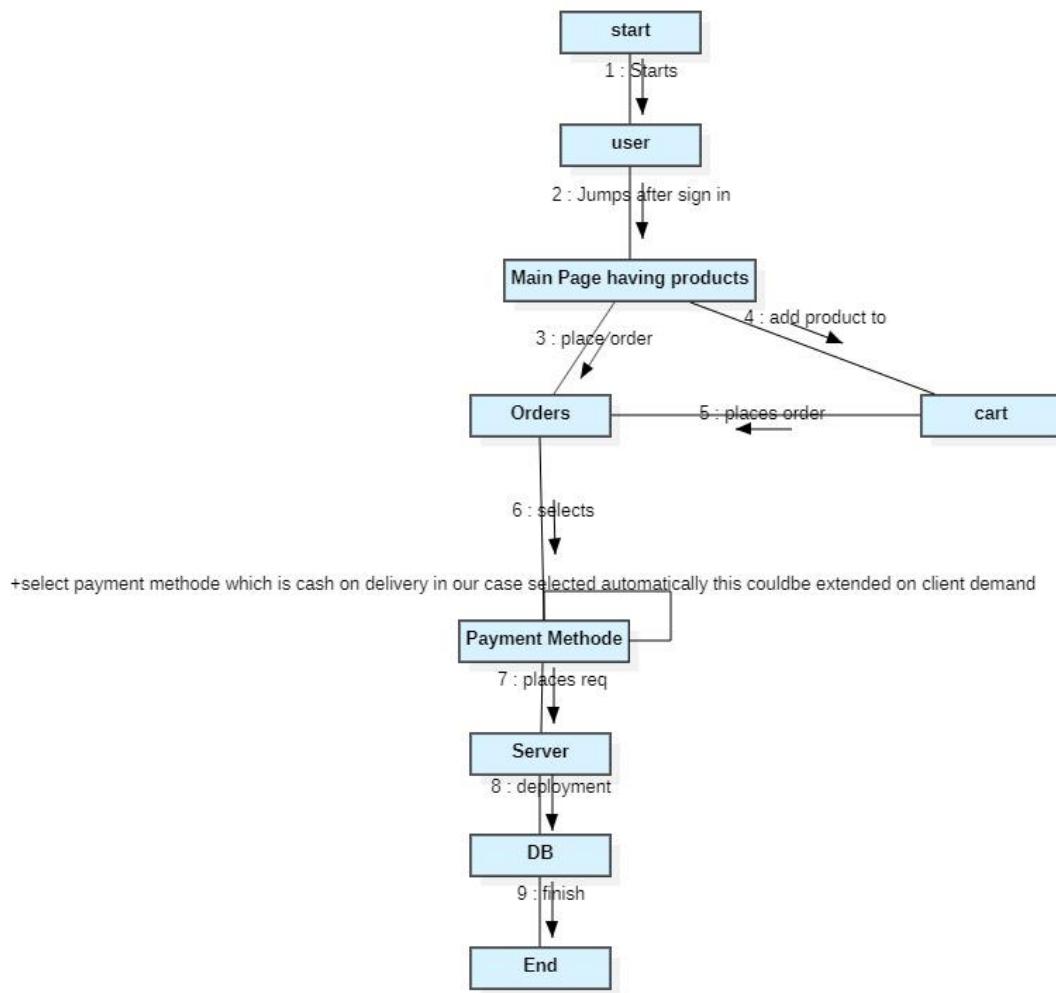


Figure 42: collaboration diagram for Buy Product

interaction sign up

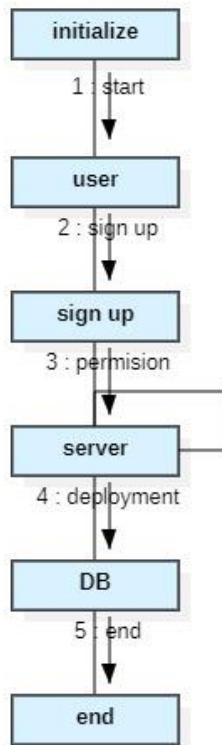


Figure 43: collaboration diagram for Sign up

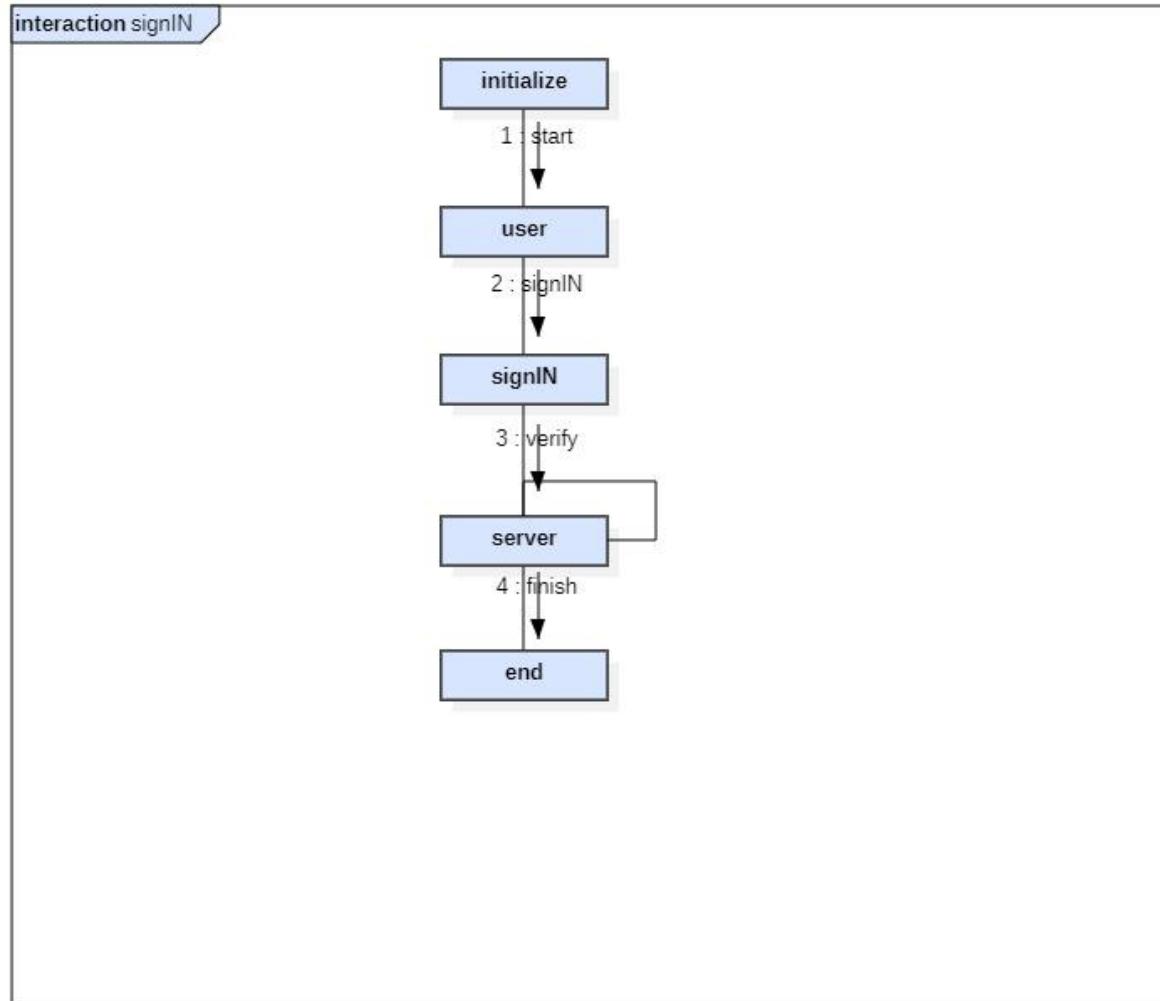


Figure 44:collaboration diagram for sign in

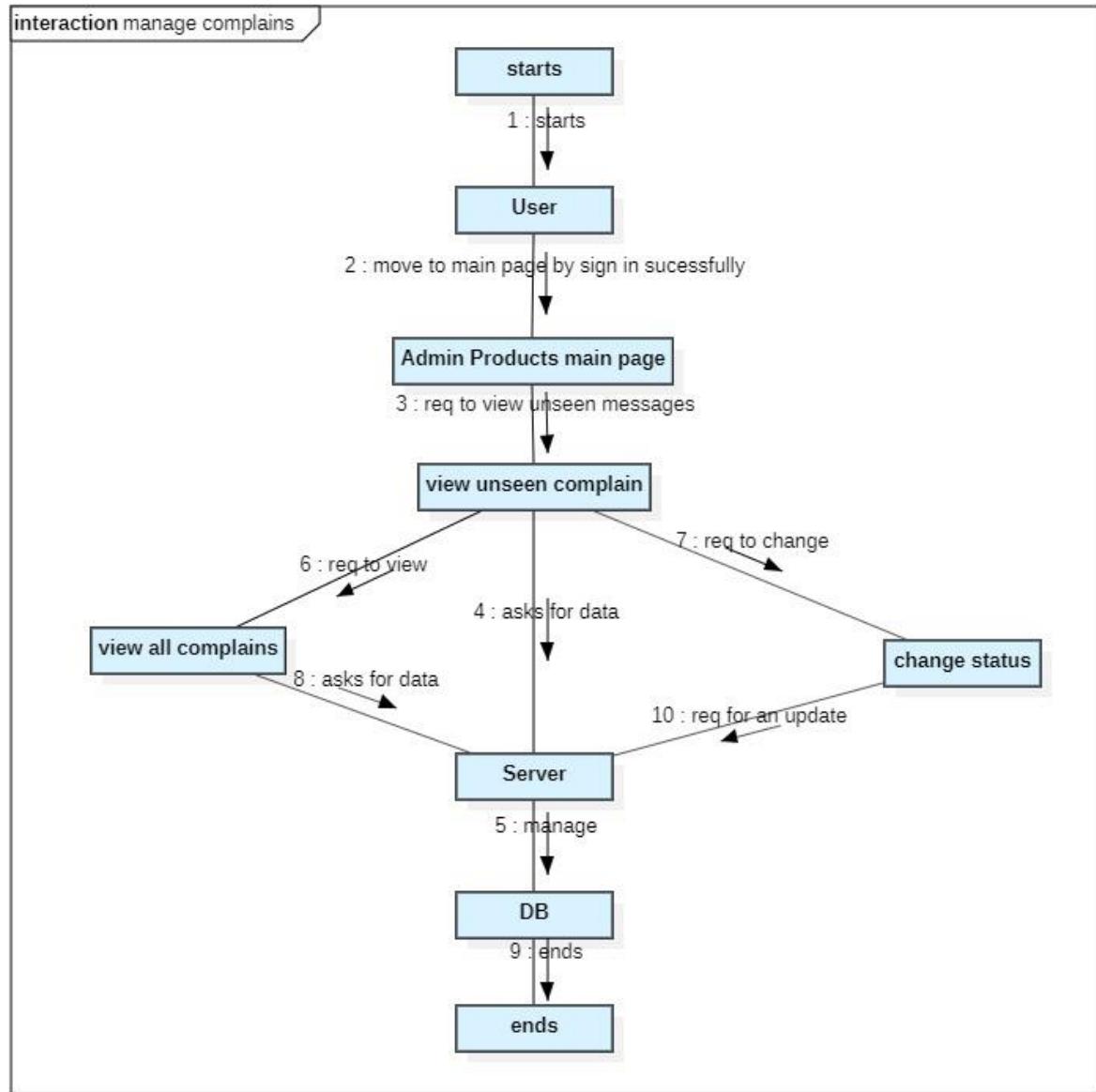


Figure 45: collaboration diagram for manage complains

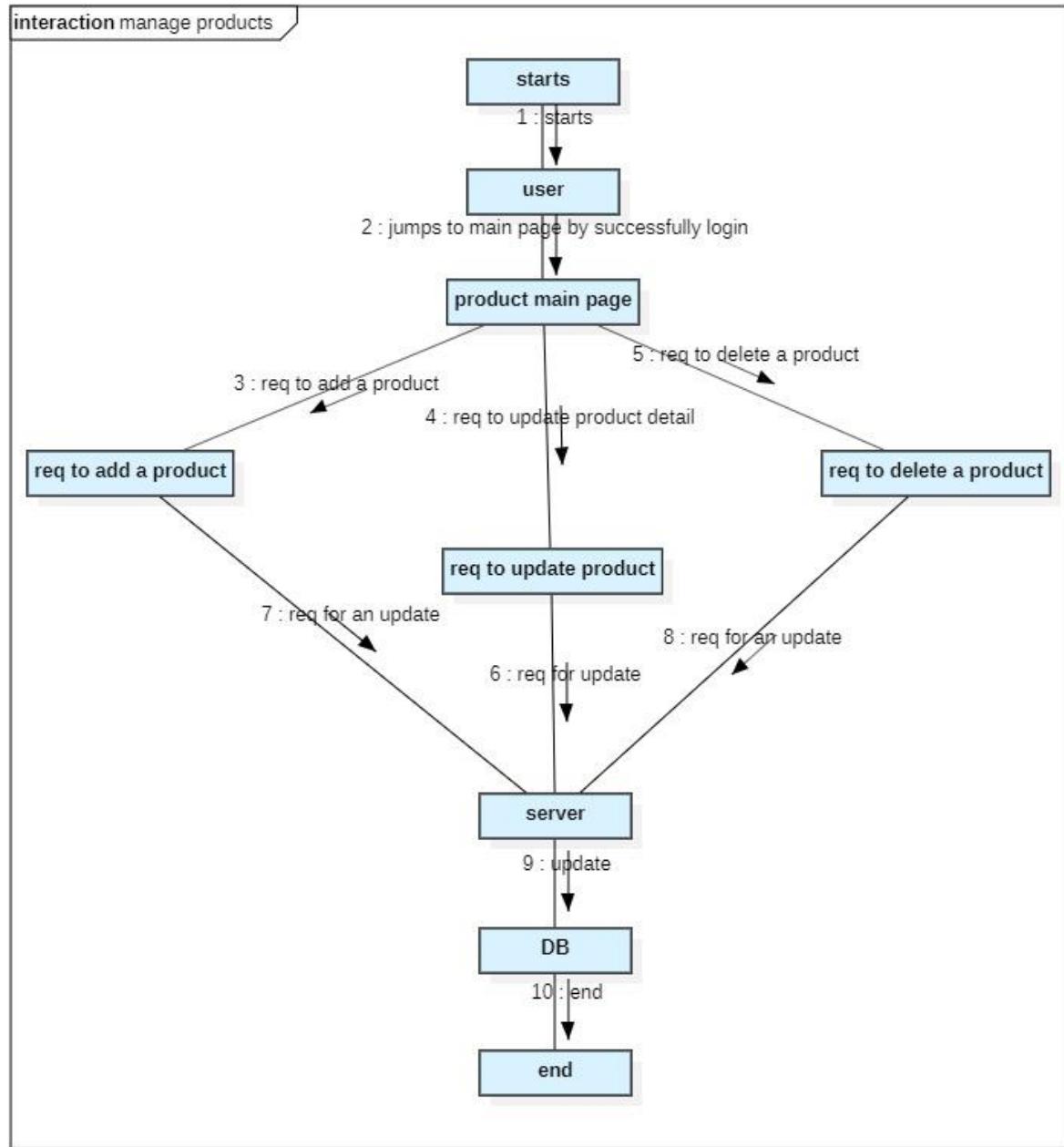


Figure 46: collaboration diagram for manage products

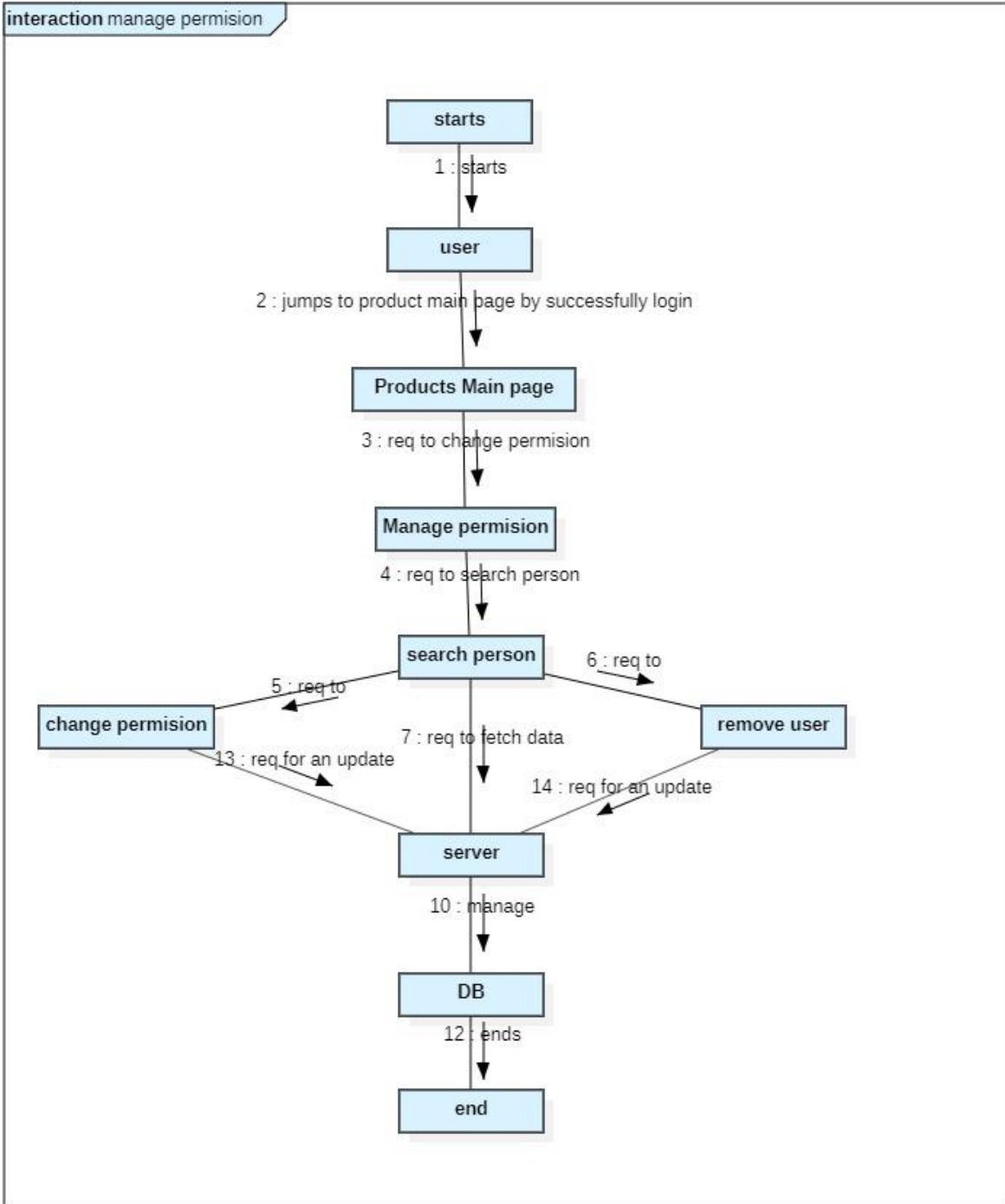


Figure 47: collaboration diagram for manage permissions

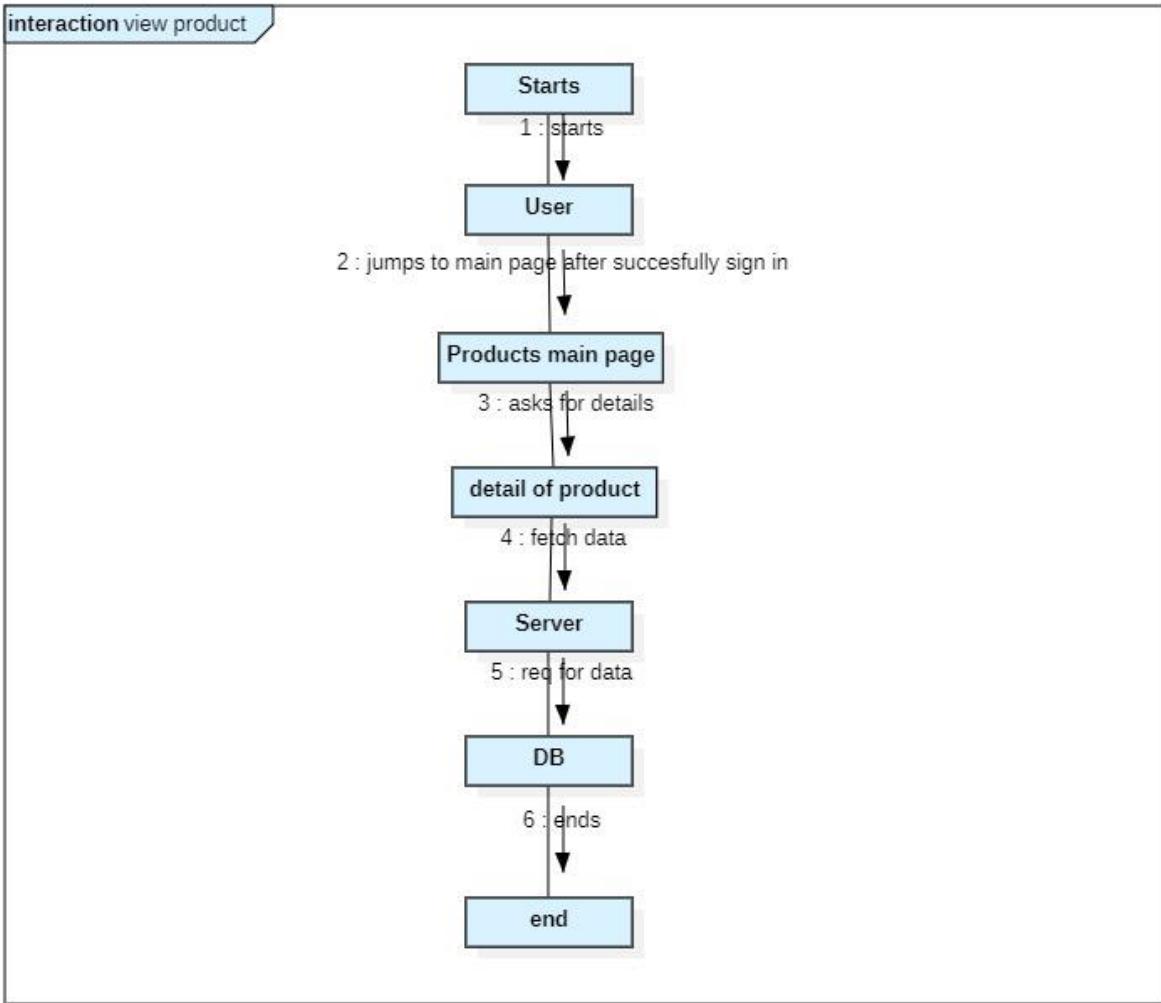


Figure 48: Collaboration diagram for view product

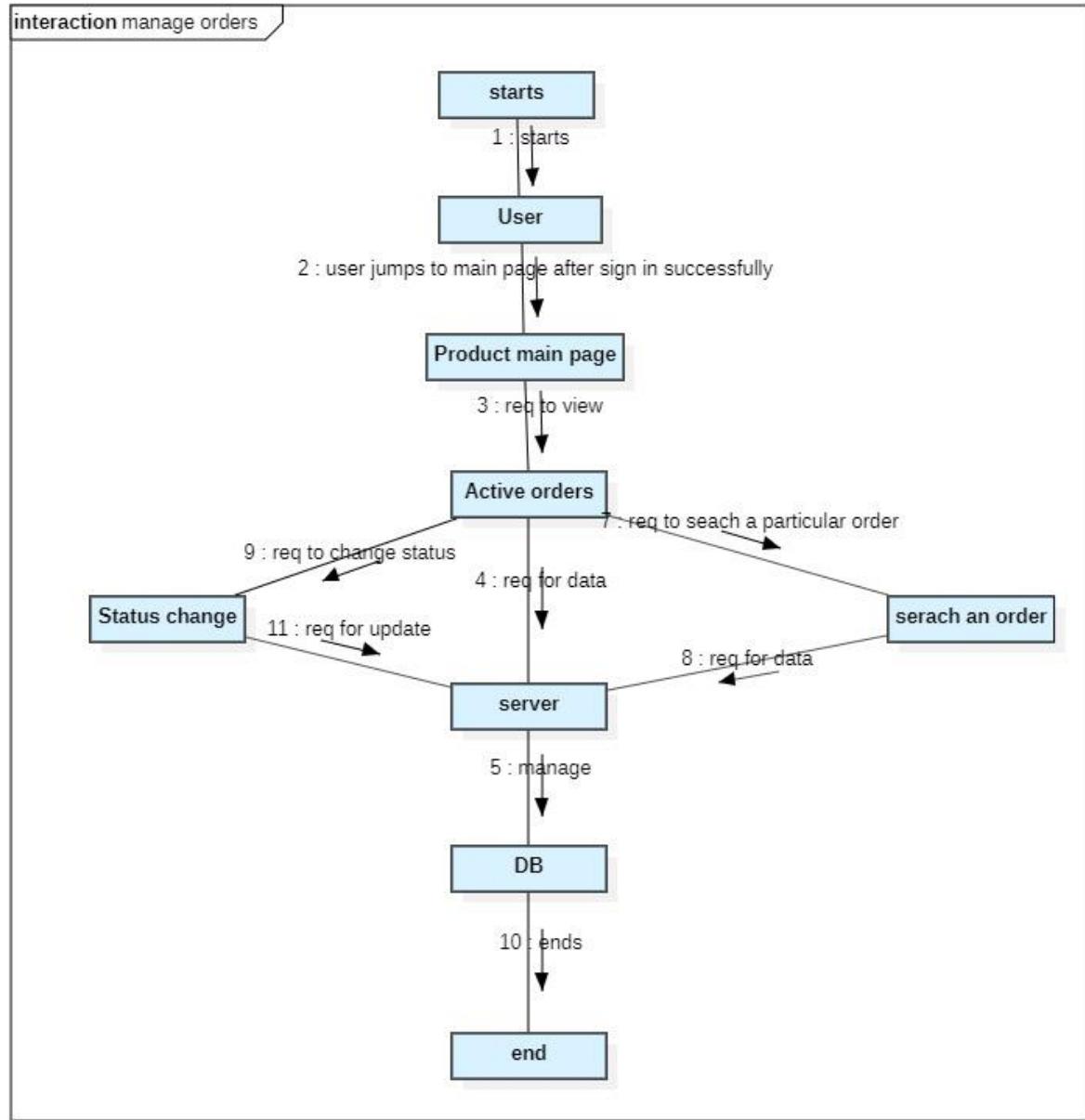


Figure 49 collaboration diagram for manage orders

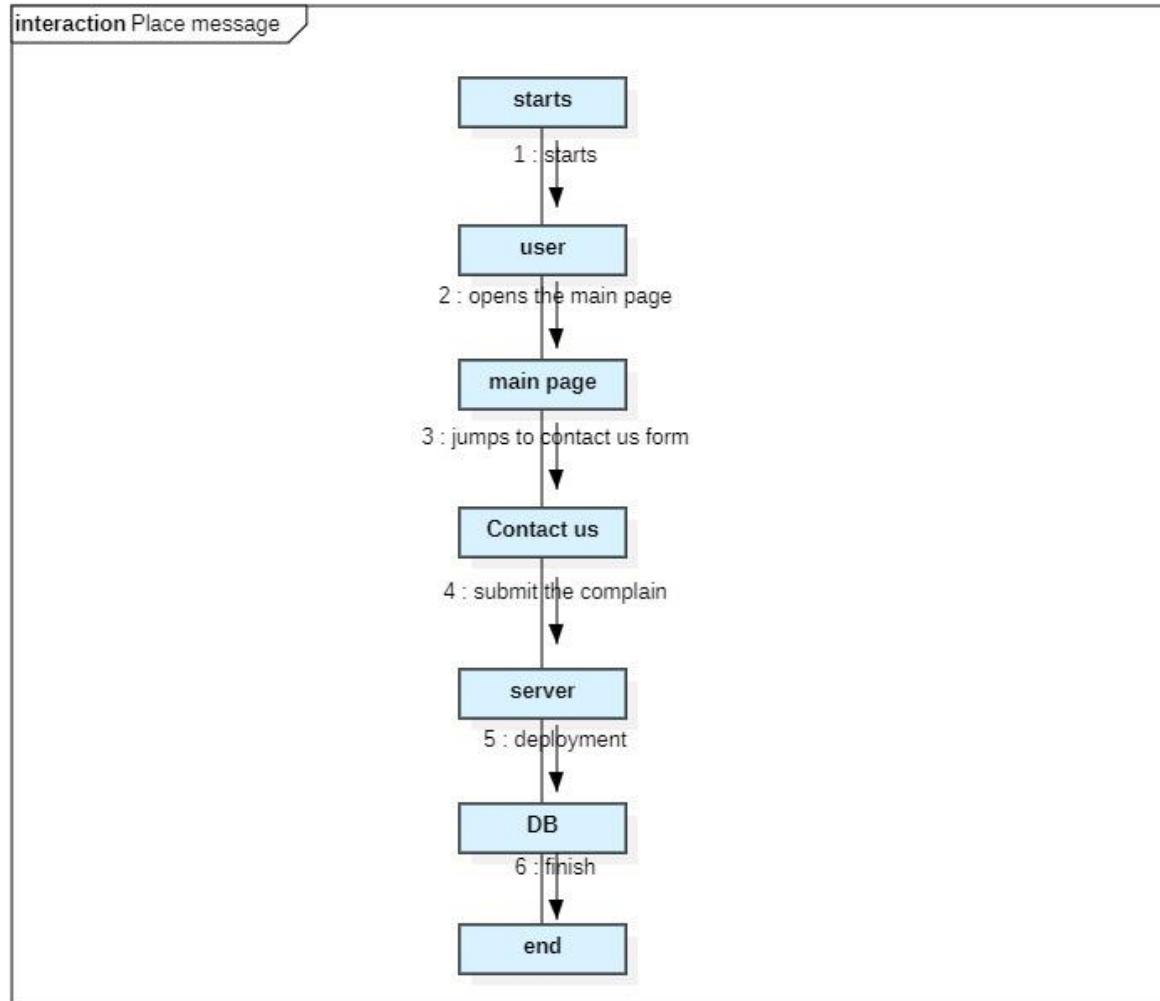


Figure 50: Collaboration diagram for contact us

f) Activity diagram:

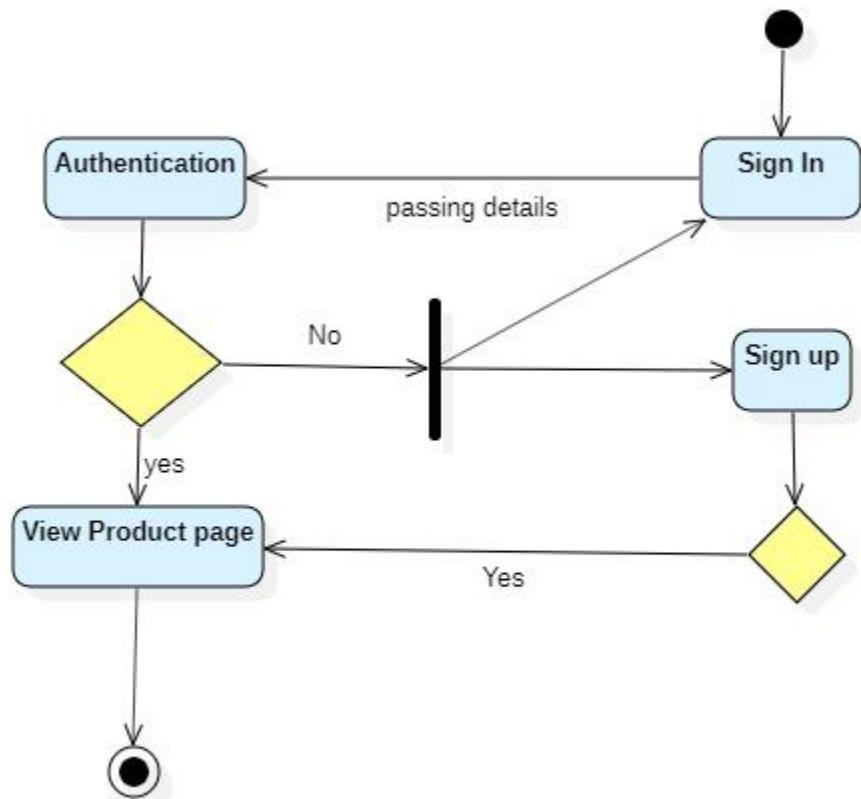


Figure 51: activity diagram for sign in

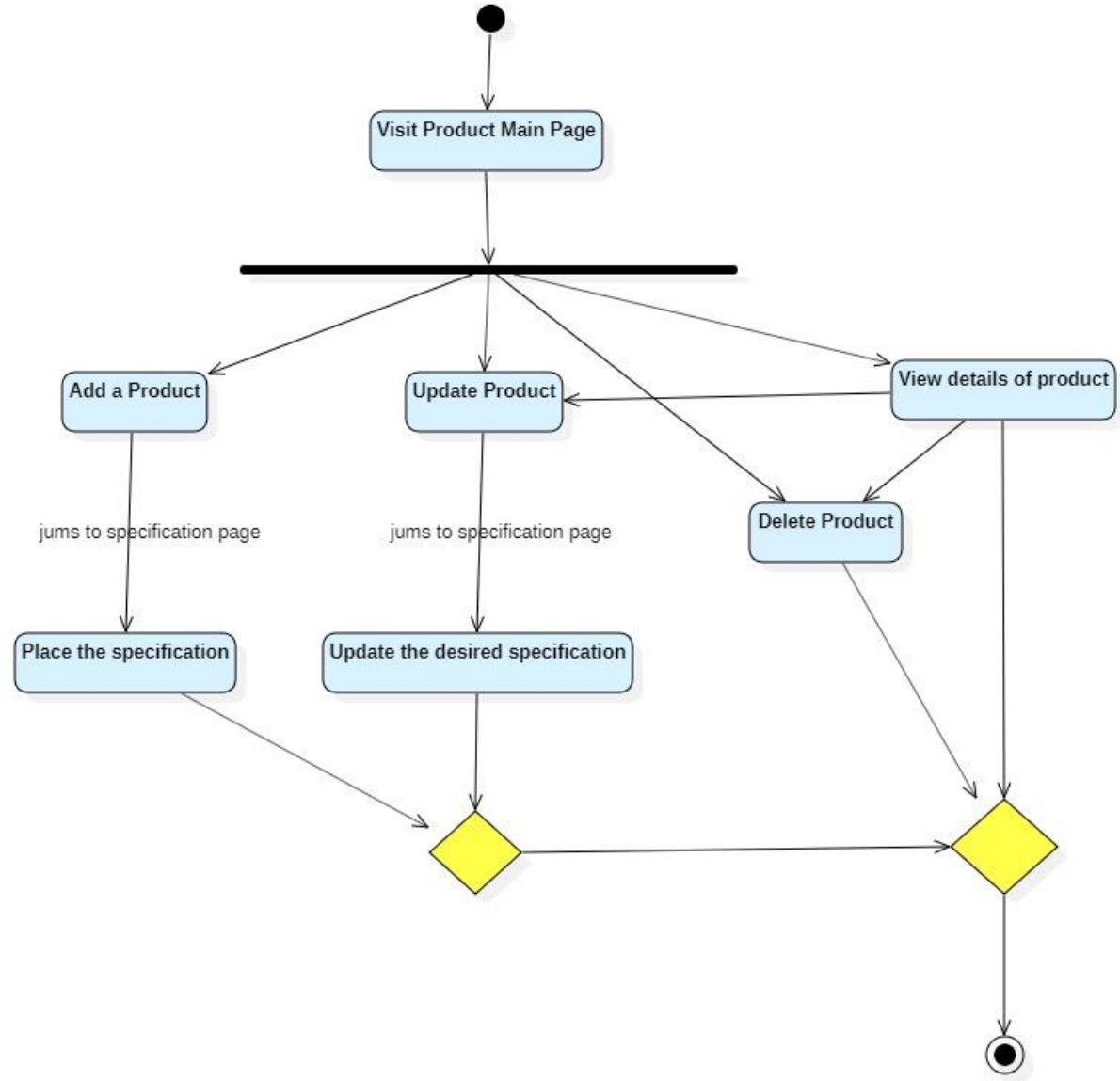


Figure 52: Activity diagram for manage products

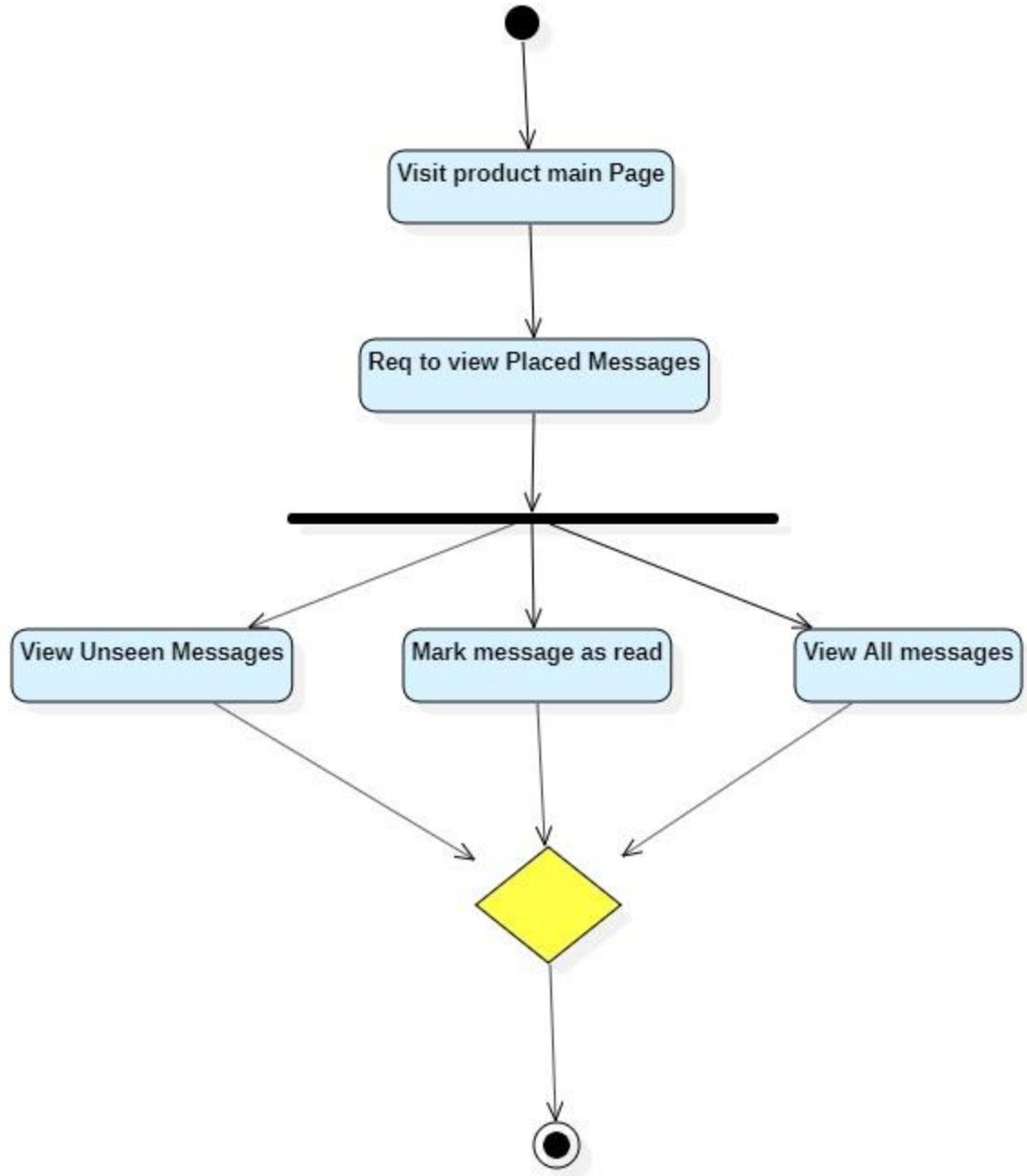


Figure 53: activity diagram for manage messages

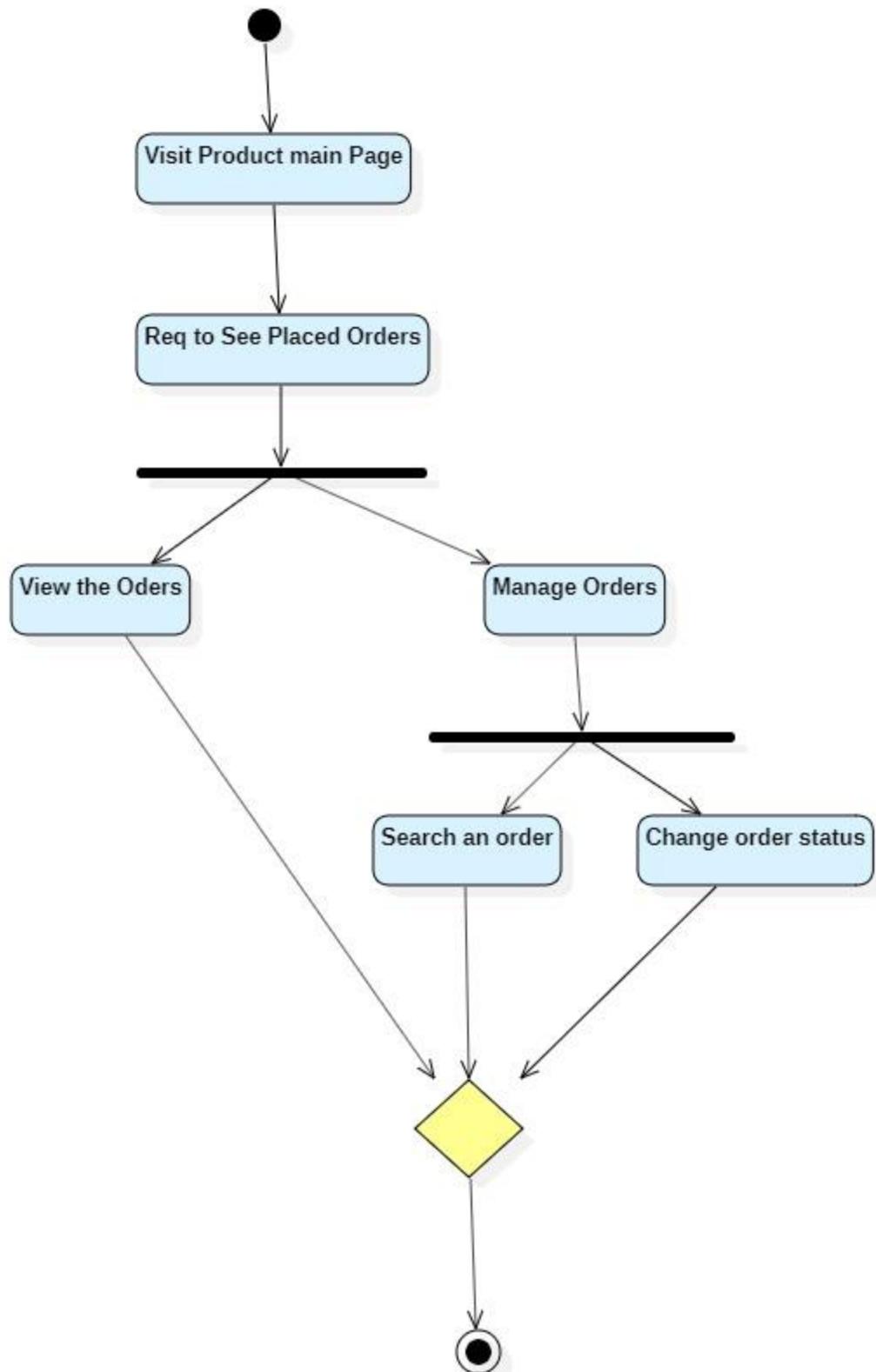


Figure 54: activity diagram for manage orders

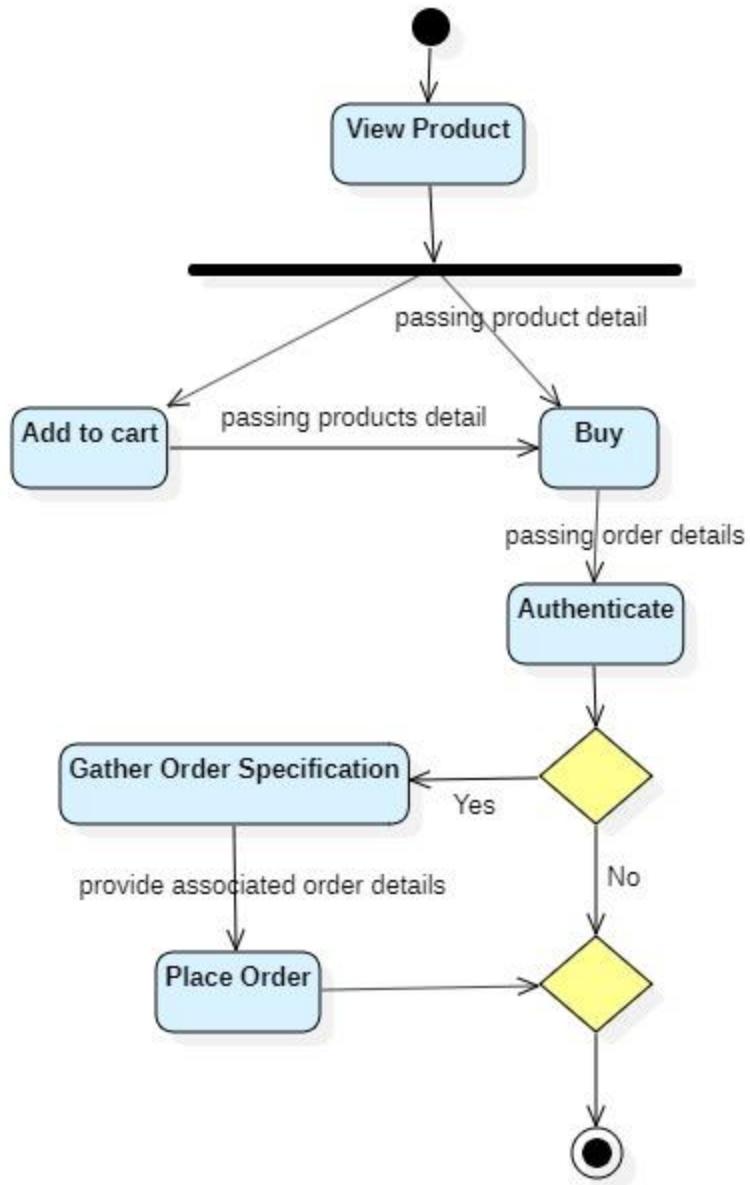


Figure 55: Activity diagram for Buy Products

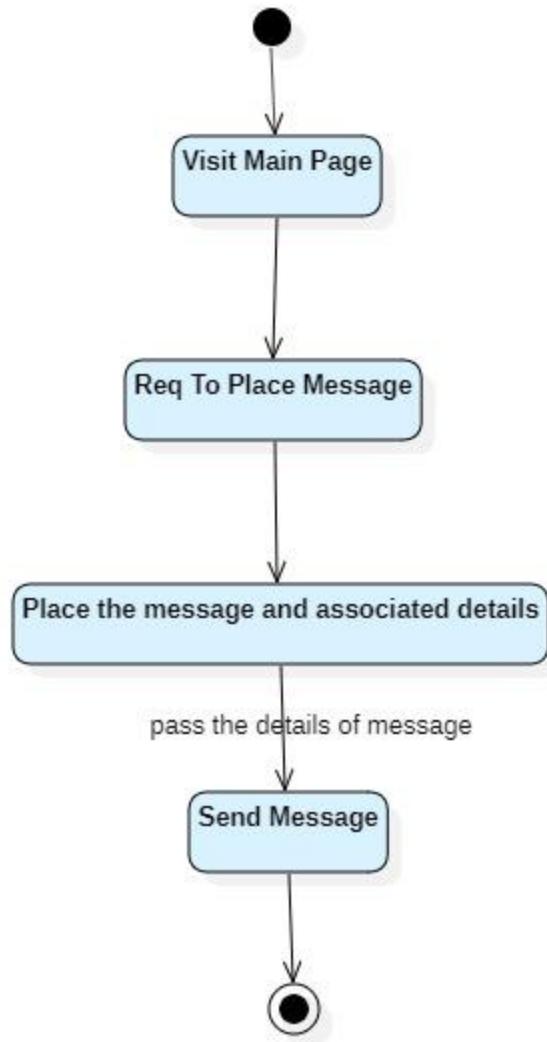


Figure 56: Activity diagram for contact us

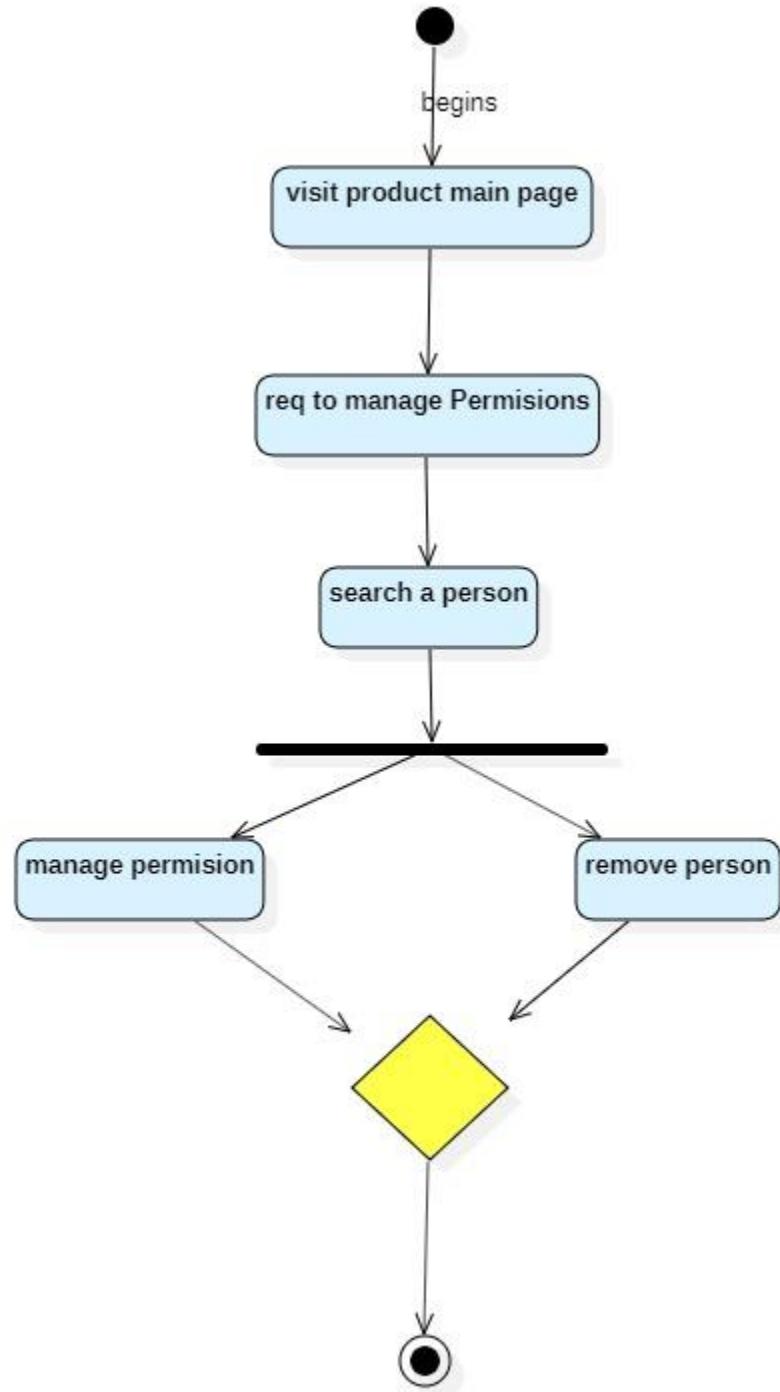


Figure 57:Activity diagram for manage permissions

**g) Object Diagram:**

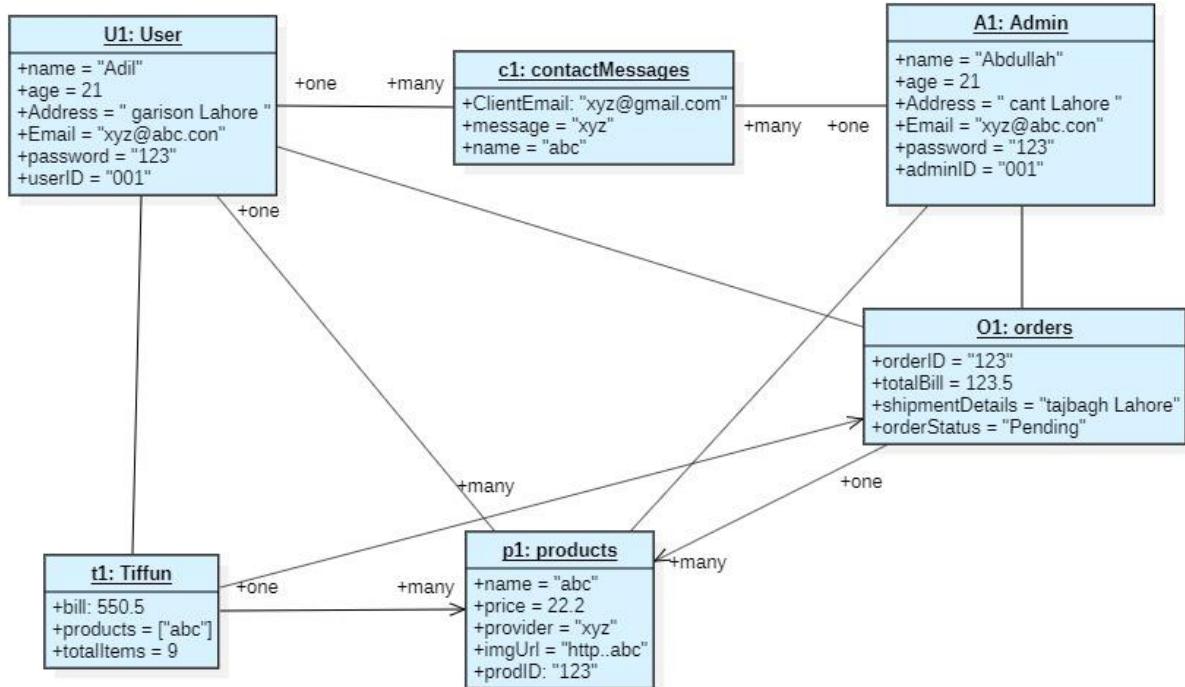


Figure 58: Object diagram

**h) State Diagram:**

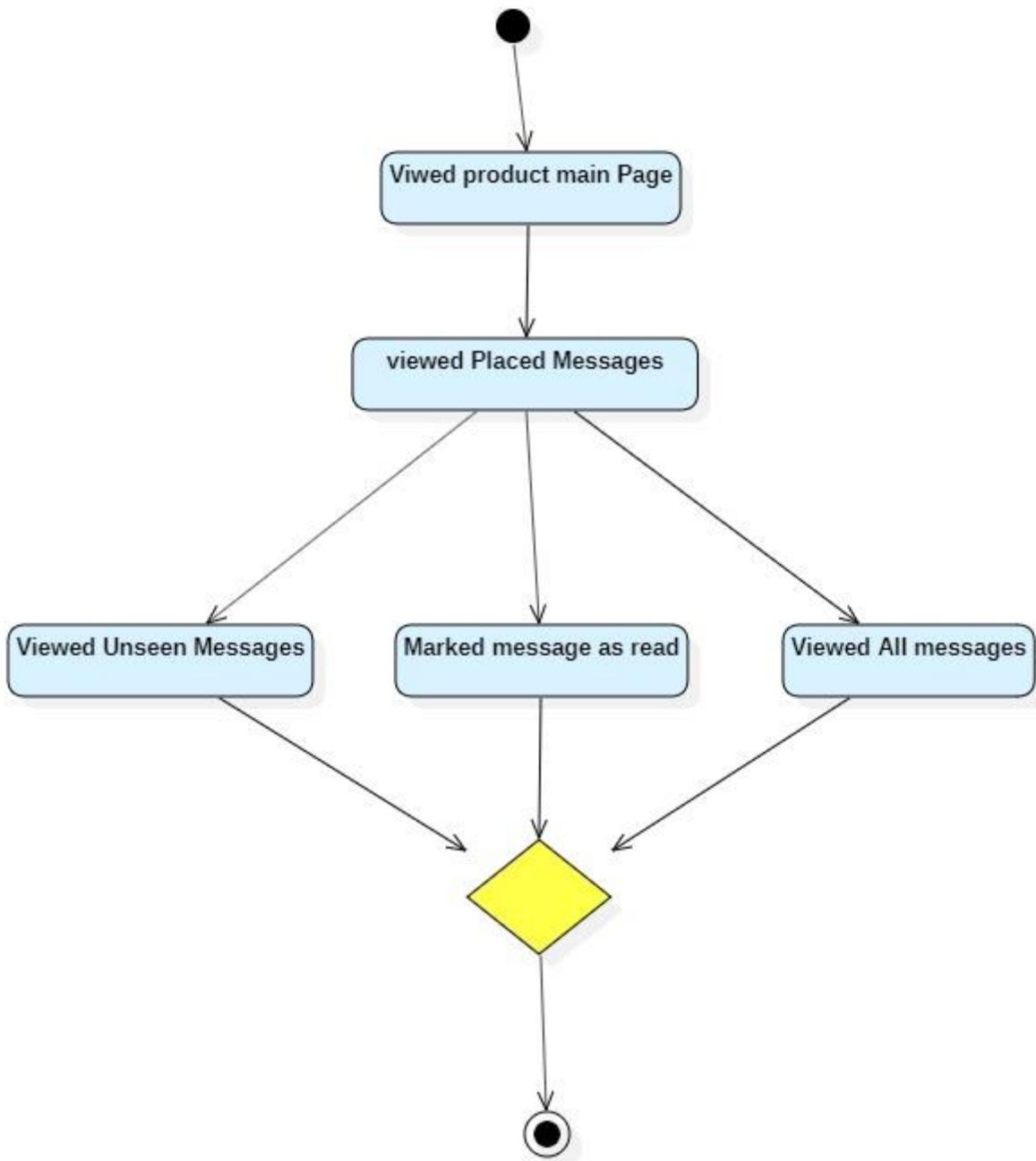


Figure 59: State diagram for manage message

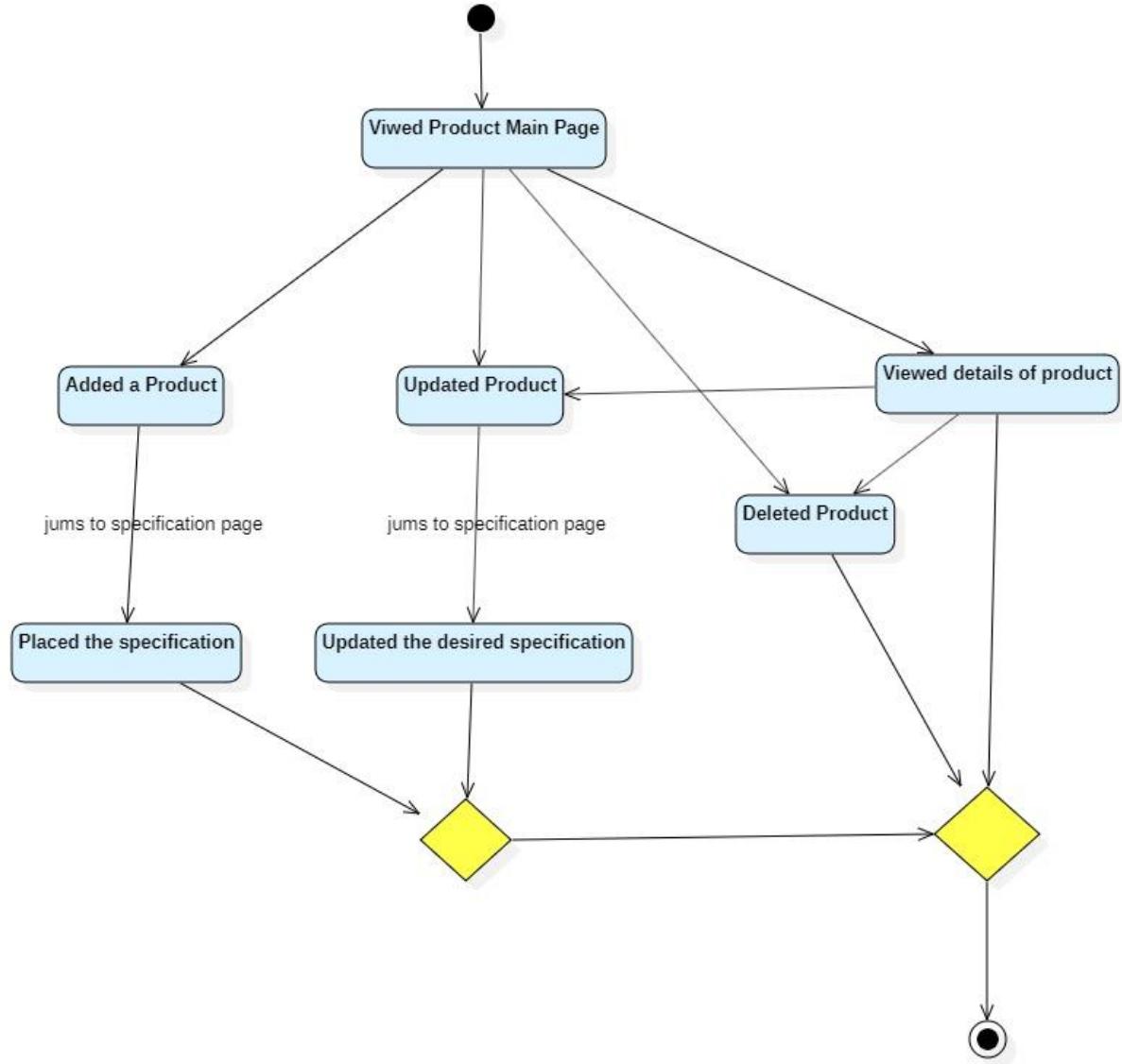


Figure 60: State diagram for manage orders

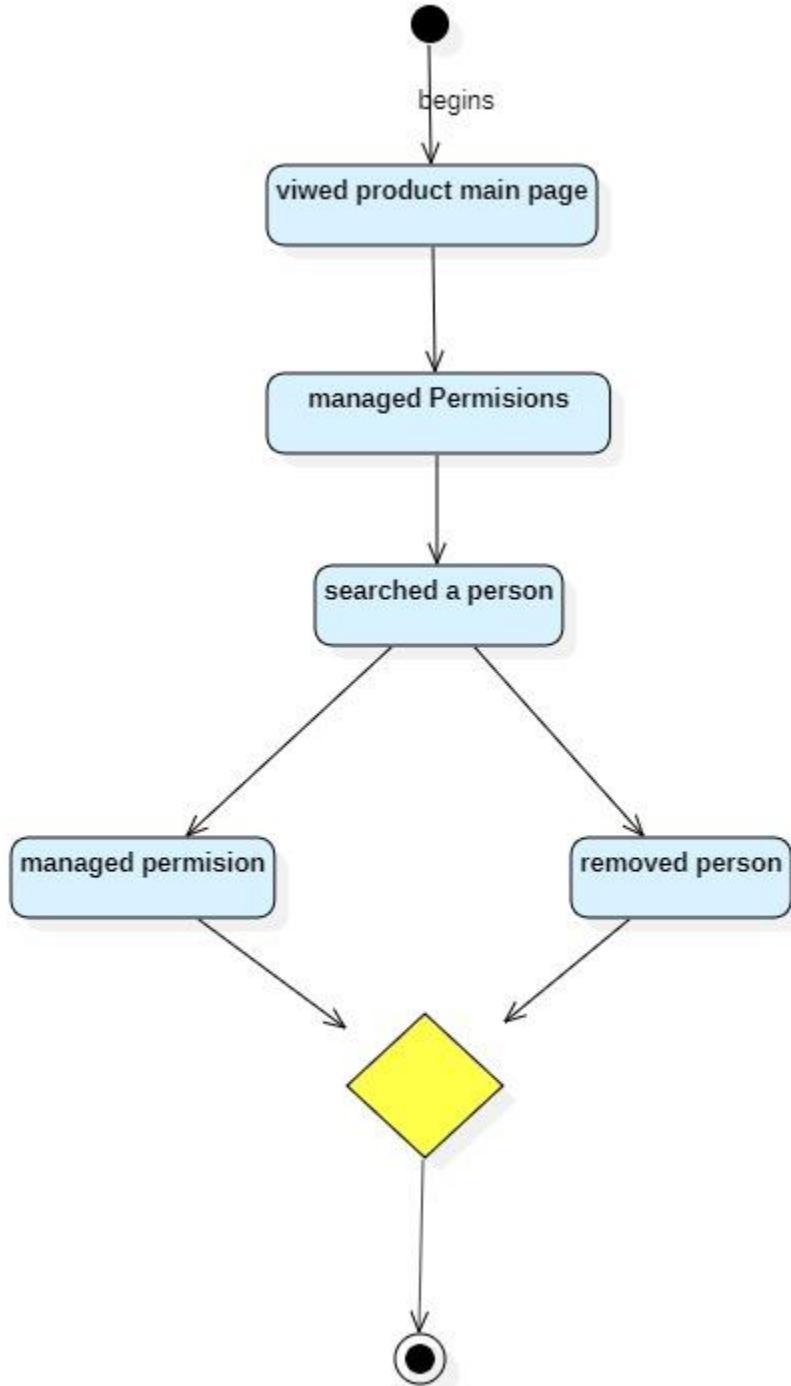


Figure 61: State diagram for manage permissions

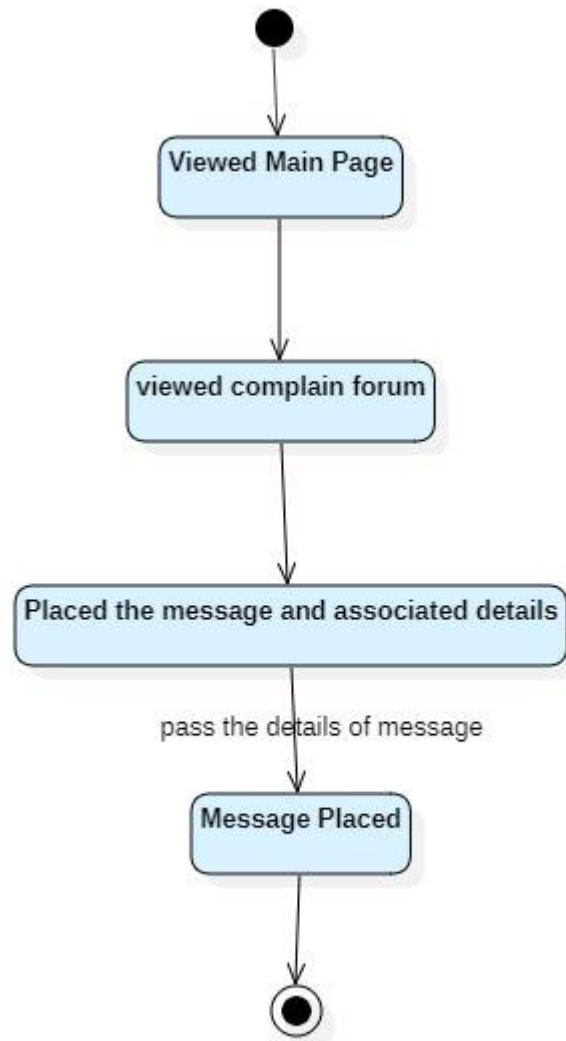


Figure 62:state diagram for Place message

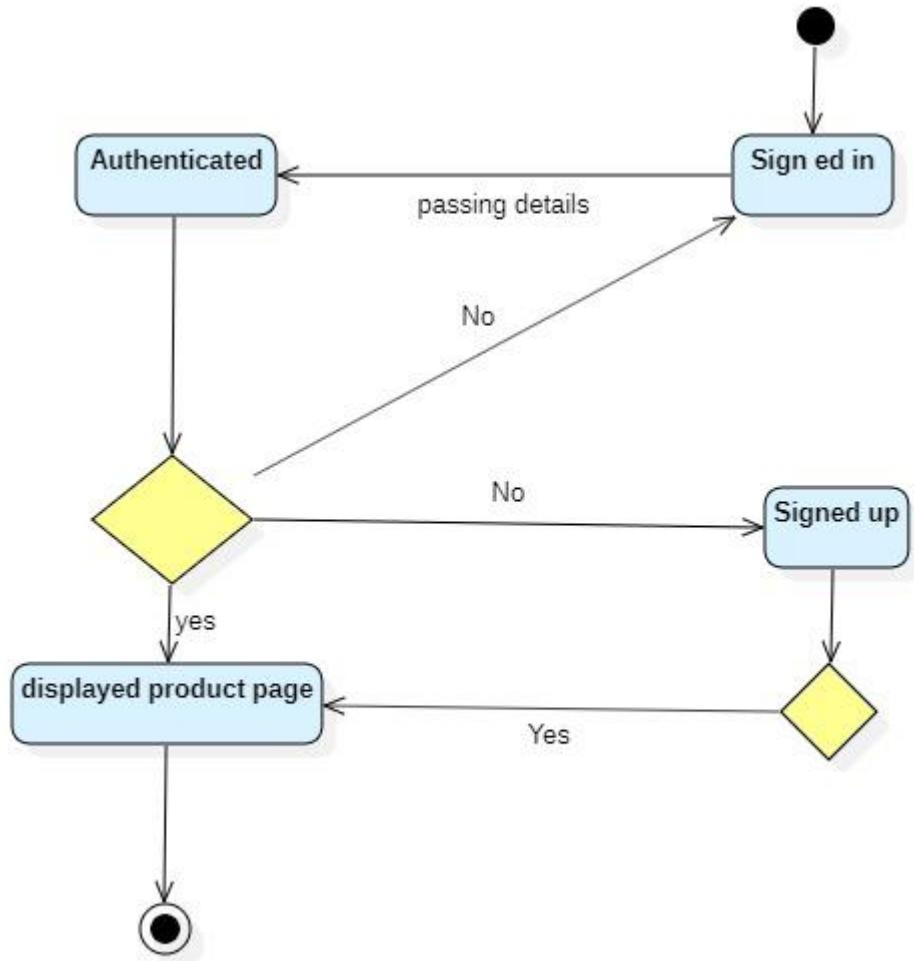


Figure 63: state diagram for sign in

i) Component Diagram:

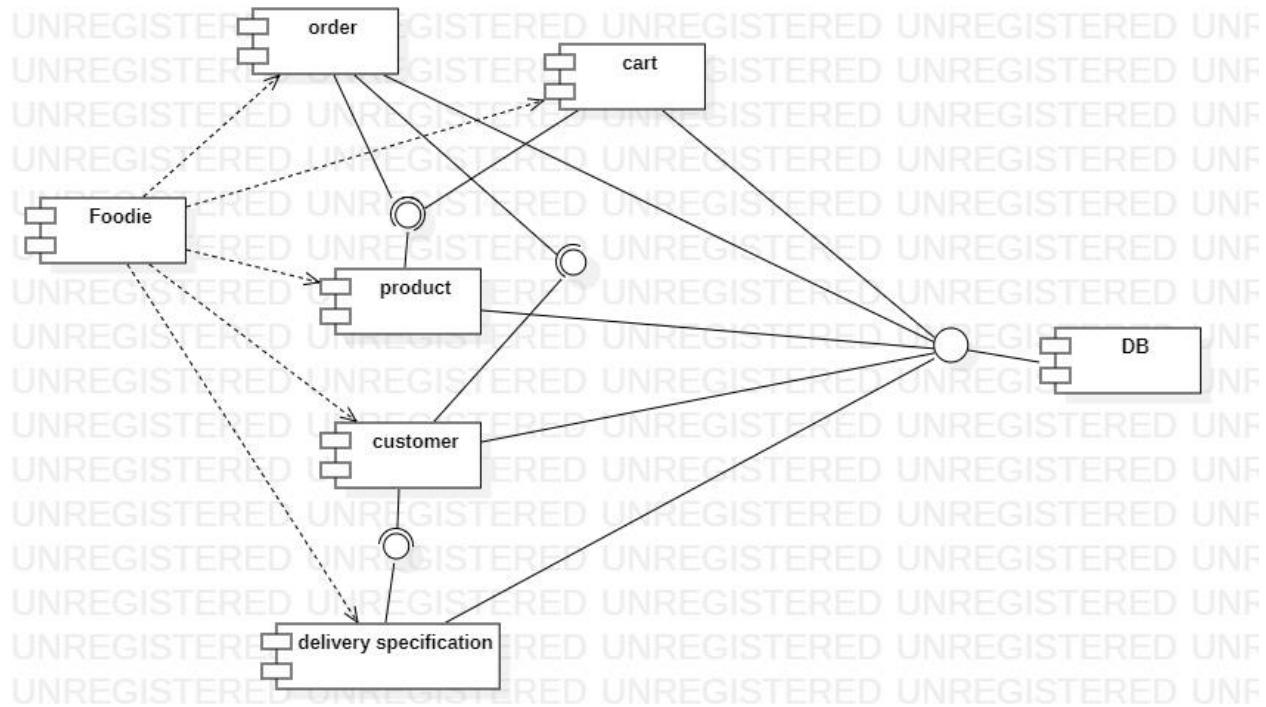


Figure 64: Component Diagram

### 3.2. Proposed Methodology/System

For our project, we will be adopted the **Scrum Agile Approach**. Phases of Scrum has been described in [Figure 66]

We have selected this model for our project as involves:

- more collaboration with the client
- Short sprints enable changes based on feedback a lot more easily
- The individual effort of each team member is visible during daily scrum meetings
- Developments are coded and tested during the sprint review
- The team gets clear visibility through scrum meetings

This model's role has been described in Figure 65:

#### Roles:

- Product Owner (Sir Zeeshan)
- Scrum Master (Adil khan)

- Developing team (Mahum, Adil)

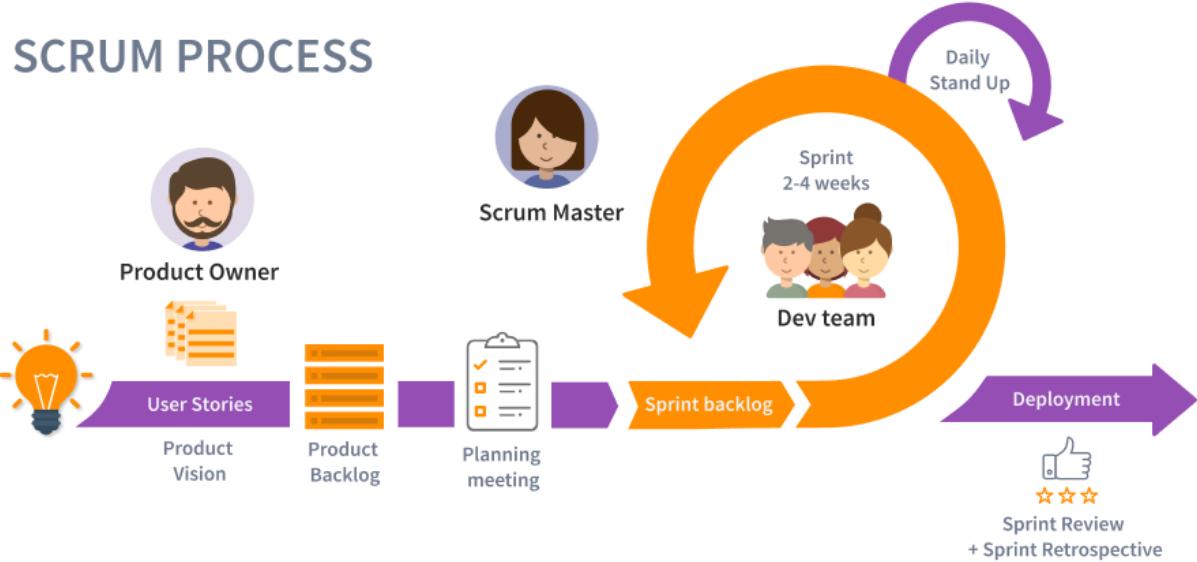


Figure 65: scrum roles

Scrum involves the ceremonies as:

- Product Backlog
- Sprint planning
- Daily stand up
- Sprint review

First, we gather the requirements for the project by meeting with client which will helpful for product backlog. We will plan sprints from the functional requirements of the project. Daily standup meeting will arrange to discuss tasks and work progress to overcome any blockages and to promote mutual support. For continuous improvement, at the end of a sprint gathers the development team to analyze, discuss and take a step back from the latest sprint to wonders how to optimize even more the interactions between individuals to gain in well-being and motivation, to raise product quality, and overall, to improve its productivity. [3]

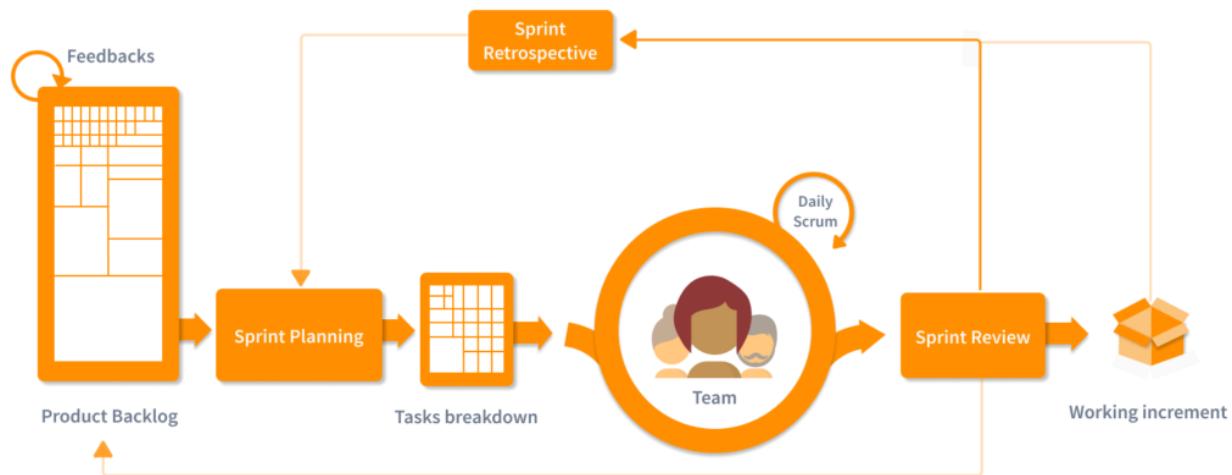


Figure 66:phases of scrum

### 3.4. Tools and Technologies

We are going to use Node JS for this project. Node JS is a cross-platform tool for developing websites. We will try to support that our website is responsive to each device that our website supports.

**Documentation:** MS Office

**Wire Frames:** Pencil Tool

**Story Boards and scenarios:** Power Point or Equivalent.

**Back End Development:** Node JS

**Front end:** HTML, CSS and bootstrap

**Template:** Pug

**Database:** Mongo DB

### 3.5. Data Gathering Approach:

For our application we will gather data by interviewing different persons who were frequently using application to order food. Draw personas of them to come across the goal they want to achieve by the application and the frustration they are currently facing by the version of applications they are using. We gather some data regarding the user interface specification design by examining the user interface design of some famous food application such as Food Panda, Cheetay etc. The information of scenarios we will be dealing in our project could be obtained by observing the cognitive behavior of users who will use our application or currently using similar application. The images of the different food items we placed in our application are taken from a free online resource **Unsplash** [4].

### 3.6. Team Members Individual Tasks/Work Division

#### Mahum Arif:

- Requirement Specification
- Data Gathering
- UI specifications
- Documentation
- Wireframes

#### Adil Anjum Khan:

- Business Logic Code
- Database Connection
- UI Design and code
- Back-end development
- Documentation

### 3.7. Timeline/Gantt chart

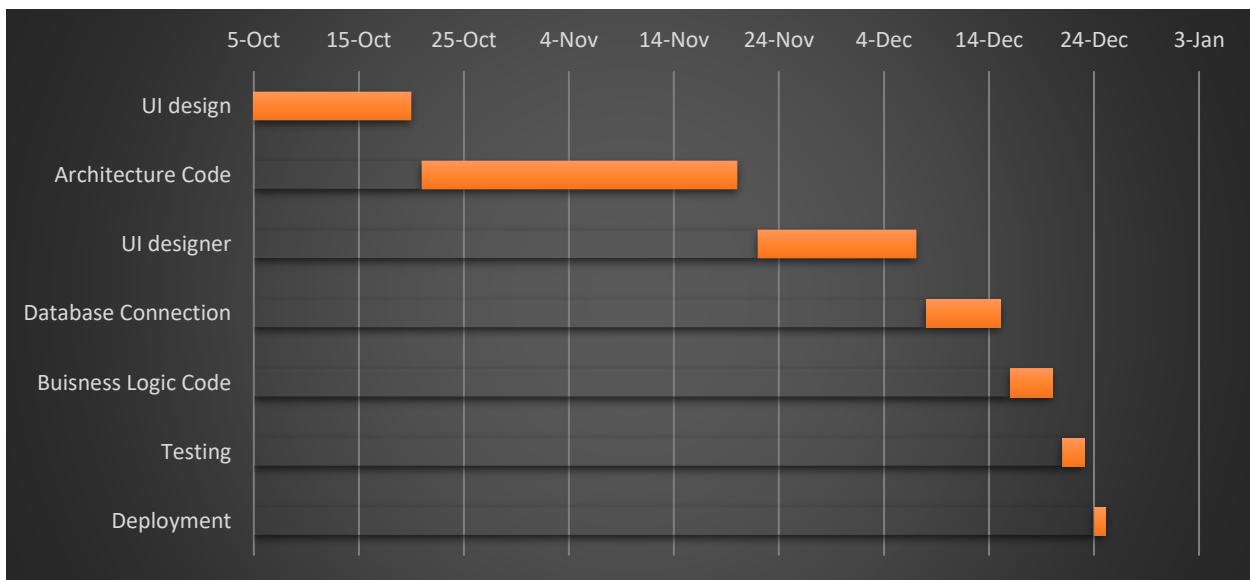


Figure 67:Gantt chart

## 4. Testing:

### 4.1. Unit Testing:

#### a) Sign UP:



Please sign up

First Name
Last Name
Email address
Password

**Sign up**

Figure 68:Sign up screen

#### a) First name

Test data	Expected result	Test result	Pass/Fail
Komal	Name should be entered.	Name entered successfully.	Pass
Komal Bilal	Name should be entered.	Name enter successfully.	Pass
Komal123	Name should not be entered.	Name didn't enter.	Pass
Komal&	Name should be not entered.	Name didn't enter.	Pass

#### b) Last name

Test data	Expected result	Test result	Pass/Fail
Bilal	Name should be entered.	Name successfully entered.	Pass

Komal Bilal	Name should be entered.	Name enter successfully.	Pass
Komal123	Name should not be entered.	Name didn't enter	Pass
Bilal&	Name should not be entered.	Name didn't enter.	Pass

c) Email address

Test data	Expected result	Test result	Pass/Fail
Komalgilal016@gmail.com	Email should be entered.	Email successfully entered.	Pass
Komal\$bilal016@gmail.com	Email should be entered.	Email successfully entered.	Pass
Komalgilal016@gmail.com	Email should not be entered.	Email didn't enter.	Pass
Komal123@xyz.com	Email should be entered.	Email enters successfully.	Pass
Komal@gmail	Email should be entered.	Email enters successfully.	Pass

d) Password

Test data	Expected result	Test result	Pass/Fail
0334@komal	Password should be entered.	Password successfully entered.	Pass
ZUZUzoe0708	Password should be entered.	Password successfully entered.	Pass
1235678	Password should be entered.	Password successfully entered.	Pass

e) Sign Up

Test data	Expected result	Test result	Pass/Fail
User click the sig up button	Button should be clicked.	Button successfully clicked.	Pass

**b) Sign IN:**



Figure 69: Sign in screen

**a) Sign In**

<b>Test data</b>	<b>Expected result</b>	<b>Test result</b>	<b>Pass/Fail</b>
User click the sign in button.	Button should be clicked.	Button successfully clicked.	Pass

**b) Sign Up**

<b>Test data</b>	<b>Expected result</b>	<b>Test result</b>	<b>Pass/Fail</b>
User click the sign-up button	Button should be clicked.	Button successfully clicked.	Pass

c) Contact Us:

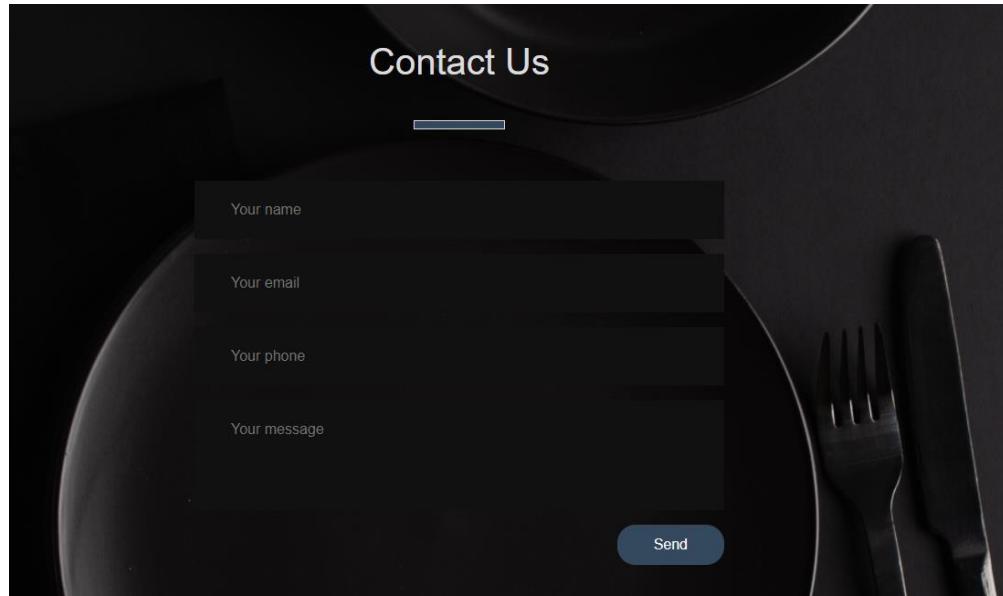


Figure 70:Contact us screen

a) Phone Number

Test data	Expected result	Test result	Pass/Fail
03331458447	Phone number should be added.	Phone number successfully added.	Pass
035&_786543	Phone number should not be added.	Phone number didn't add.	Pass
045678864657536	Phone number should be added.	Phone number successfully added.	Pass
0345mahum678	Phone number should not be added.	Phone number didn't add.	Pass

b) Message

Test data	Expected result	Test result	Pass/Fail
I like the food quality and services.	Message should be added.	Message added successfully.	Pass
I like the food quality and services. I gave you guys 10/10. I want to buy your website for 100\$.	Message should be added.	Message added successfully.	Pass

I like the food quality and the food..... ..... (50+ characters)	Message should be added.	Message added successfully.	Pass
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c) Send

Test data	Expected result	Test result	Pass/Fail
User click the send button.	Button should be clicked.	Button successfully clicked.	Pass

d) Add To Tiffin:

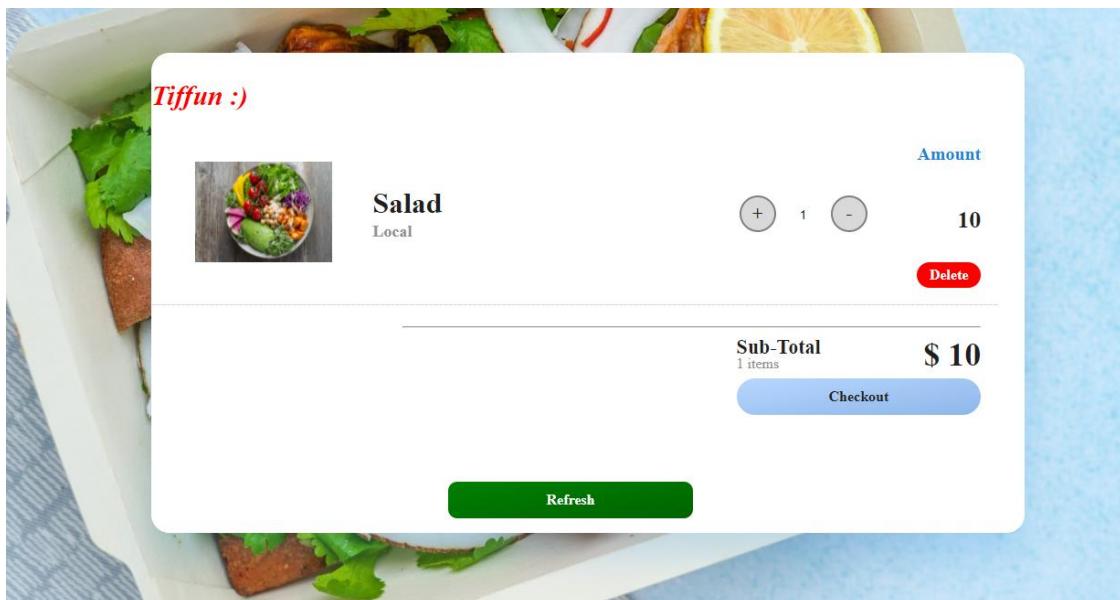


Figure 71: Add to tiffin screen

a) Increment / decrement / delete / checkout button

Test data	Expected result	Test result	Pass/Fail
User click the Increment button	Button should be clicked and an increased product quantity should be displayed to the user.	Button successfully clicked and an increased product quantity displayed to the user successfully.	Pass
User click the	Button should be clicked and a product	Button successfully clicked and a product	Pass

decrement button	quantity should be decreased by one and should be displayed to the user.	quantity decreased by one and displayed to the user successfully.	
User click the delete button	Button should be clicked and that particular product should be deleted from user's tiffin.	Button successfully clicked and that particular product deleted from user's tiffin successfully.	Pass
User click the checkout button	Button should be clickable.	Button successfully clicked.	Pass

e) **Product Description:**



Tikka Pizza  
"An Italian pizza filled with cheese."

Name: Tikka Pizza  
Price: 2000 \$ only  
Provider: Macdonald

**Eat Now**  
**Add to Tiffun**

Figure 72: Product description screen

a) Eat now/ Add to Tiffin Button

Test data	Expected result	Test result	Pass/Fail
User click the eat now button	Button should be clicked.	Button successfully clicked.	Pass
User click the Add to Tiffin button	Button should be clicked.	Button successfully clicked.	Pass

**f) Delivery Specification:**

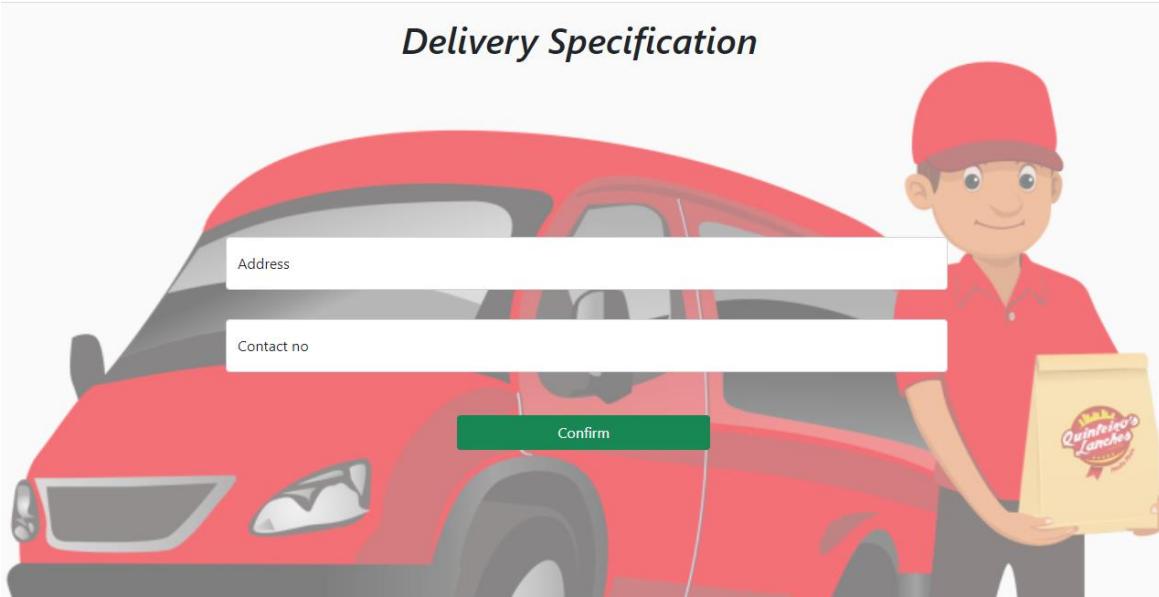


Figure 73: delivery specification screen

a) Address

Test data	Expected result	Test result	Pass/Fail
63/A Block D, Gulshan-e-Ravi, Lahore	Address should be entered.	Address successfully entered.	Pass
63/A Block D, Gulshan-e-Ravi, Lahore..... .....50+ characters	Address should be entered.	Address successfully entered.	Pass

b) Confirm Button

Test data	Expected result	Test result	Pass/Fail
User click the Confirm button	Button should be clicked and pop up a confirmation message of order placement should be shown to the user.	Button successfully clicked and pop up a confirmation message of order placement shown to the user.	Pass

**g) Add Product Page:**

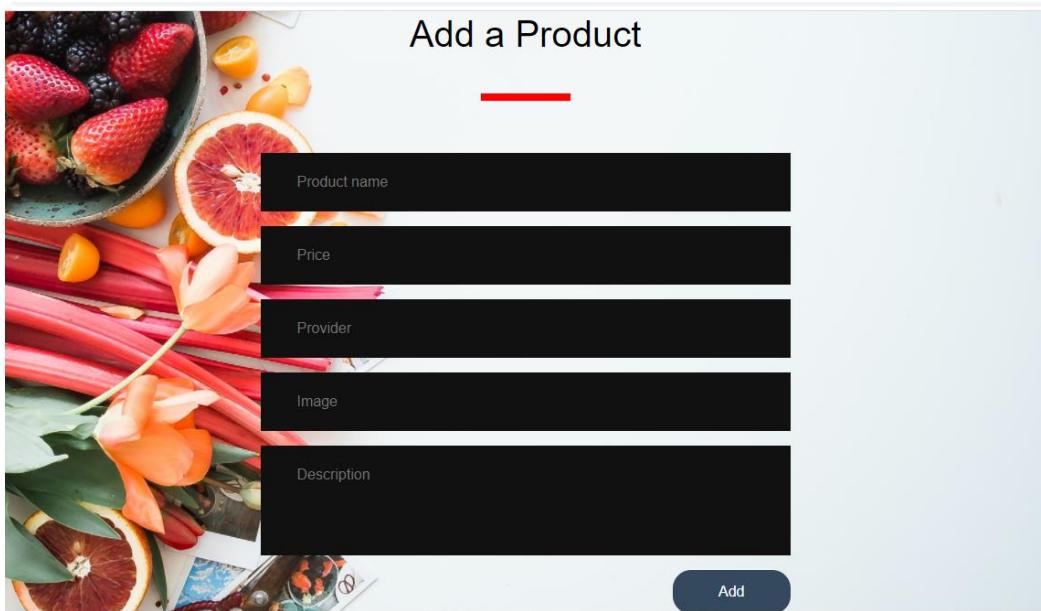


Figure 74: Add product screen

a) Product Name

Test data	Expected result	Test result	Pass/Fail
Spicy Burger	Name should be entered.	Name successfully entered.	Pass
Fries	Name should be entered.	Name successfully entered.	Pass
Grilled chiken234	Name should not be entered.	Name didn't enter.	Pass
Pizza@hut	Name should be entered.	Name successfully entered.	Pass

b) Price

Test data	Expected result	Test result	Pass/Fail
700	Price should be entered.	Price entered successfully.	Pass
\$.2.5	Price should not be entered.	Price didn't enter.	Pass
Rs.1,000/-	Price should not be entered.	Price didn't enter.	Pass
@789	Price should not be entered.	Price didn't enter.	Pass

100_789*90	Price should not be entered.	Price didn't enter.	Pass
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c) Provider

Test data	Expected result	Test result	Pass/Fail
MacDonalds	Name should be entered.	Name successfully entered.	Pass
Food4U	Name should be entered.	Name successfully entered.	Pass
One\$shop	Name should be entered.	Name successfully entered.	Pass
Pizza hut	Name should be entered.	Name successfully entered.	Pass

d) Description

Test data	Expected result	Test result	Pass /Fail
1 cup of soya sauce 1 cup of mustard/chili sauce 1,2 grilled chicken burgers	Description should be added.	Description successfully added.	Pass
1 cup of soya sauce 1 cup of mustard sauce 1,2 grilled chicken burgers ..... ..... (50+ characters)	Description should be added.	Description successfully added.	Pass
1 cup of soya sauce 1 cup of mustard sauce 1,2 grilled chicken burgers of 5\$.	Description should be added.	Description successfully added.	Pass
Empty description	Description should not be added.	Description didn't add.	Pass

e) Add Picture

Test data	Expected result	Test result	Pass /Fail
<a href="https://www.google.com/imgres?imgurl=https%3A%2F%2Fimageunsplash.com%2F">https://www.google.com/imgres?imgurl=https%3A%2F%2Fimageunsplash.com%2F</a>	Picture URL	Picture URL	Pass

	should be entered.	successfully entered.	
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f) Add Button

Test data	Expected result	Test result	Pass/Fail
User click the Add button	Button should be clicked.	Button clicked successfully.	Pass

h) Update product page:

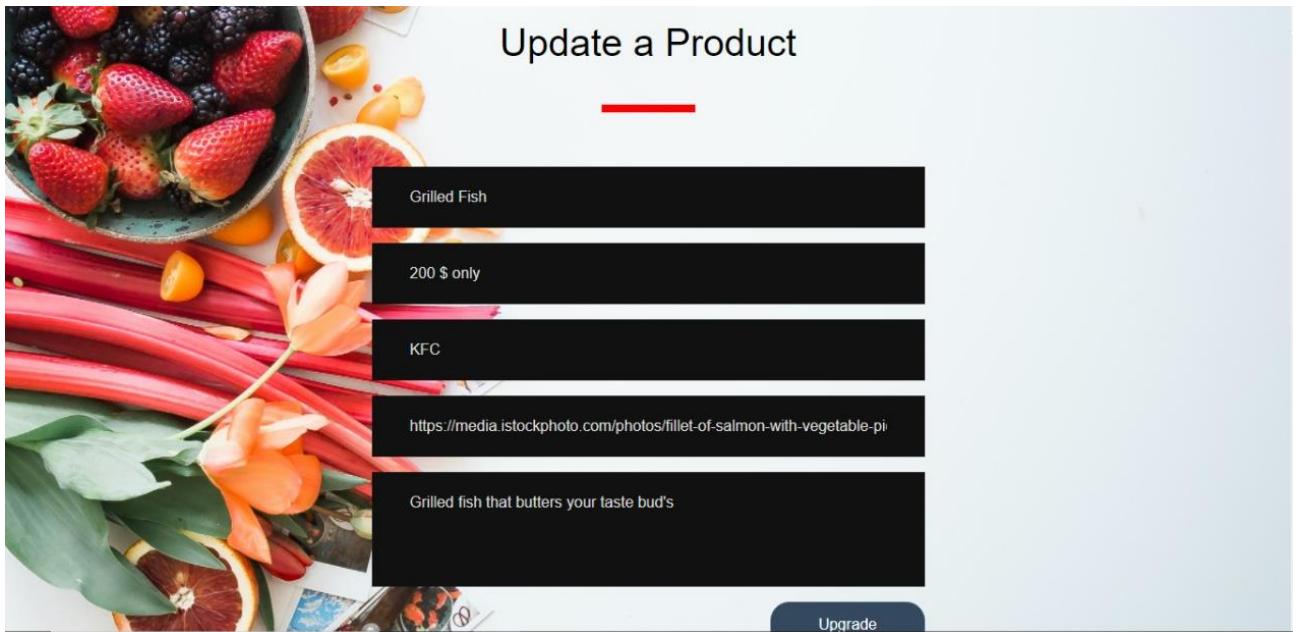


Figure 75: Update product screen

a) Upgrade Button

Test data	Expected result	Test result	Pass/Fail
User click the Upgrade button	Button should be clicked.	Button clicked successfully.	Pass

i) Search an order page:

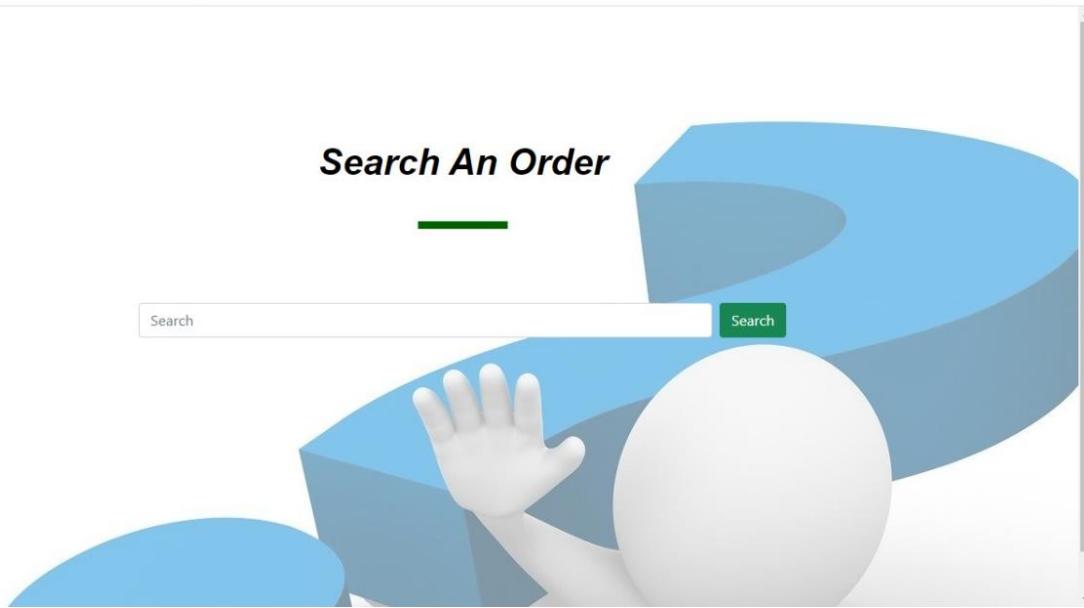


Figure 76: Search an order screen

a) Enter order ID:

Test data	Expected result	Test result	Pass/Fail
23456789dfghj	Order Id should be entered.	Order Id successfully entered.	Pass
%1234_76Komal	Order Id should not be entered and an alert should display to user that id should be 24 characters.	Order Id didn't enter and an alert display to user that id should be 24 characters.	Pass
123456678	Order Id should not be entered and an alert should display to user that id should be 24 characters.	Order Id didn't enter and an alert display to user that id should be 24 characters.	Pass
&^%\$#@90	Order Id should not be entered and an alert should display to user that id should be 24 characters.	Order Id didn't enter and an alert display to user that id should be 24 characters.	Pass
detailorder	Order Id should not be entered and an alert should display to user	Order Id didn't enter and an alert display to	Pass

	that id should be 24 characters.	user that id should be 24 characters.	
--	----------------------------------	---------------------------------------	--

b) Search Button

Test data	Expected result	Test result	Pass/Fail
User click the button	Button should be clicked.	Button clicked successfully.	Pass

j) Search person page:

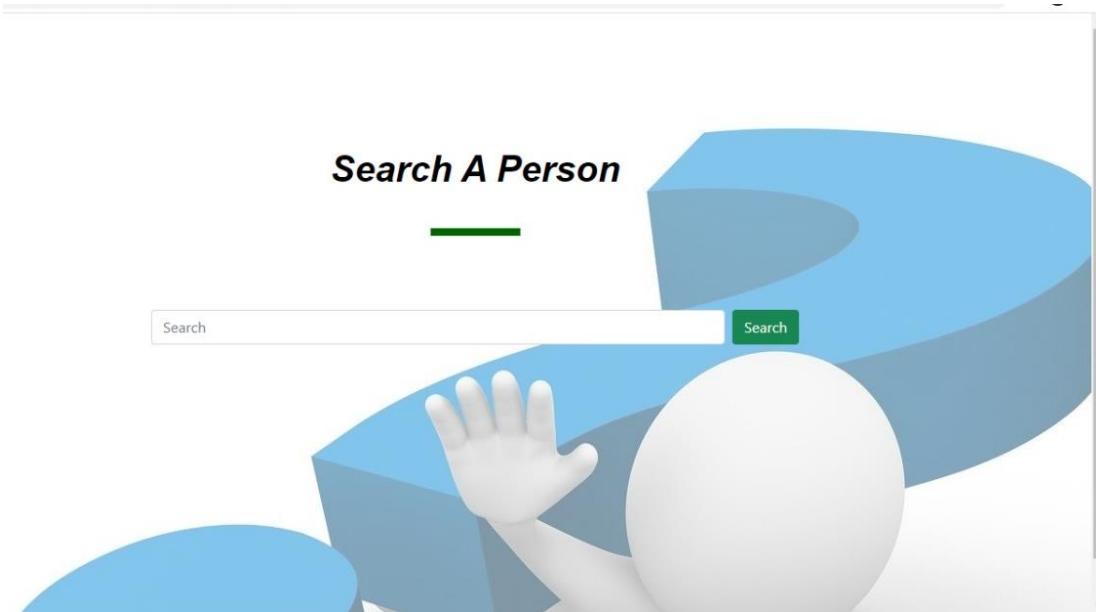


Figure 77: Search any person detail page

a) Search user id:

Test data	Expected result	Test result	Pass/Fail
Komalbilal016@gmail.com	Email should be entered.	Email successfully entered.	Pass
Komal\$bilal016@gmail.com	Email should be entered.	Email successfully entered.	Pass
Komalbilal016gmail.com	Email should not be entered.	Email didn't enter.	Pass
Komal123@xyz.com	Email should be entered.	Email enters successfully.	Pass
Komal@gmail	Email should be entered.	Email enters successfully.	Pass

b) Search Button

Test data	Expected result	Test result	Pass/Fail
User click the Search button	Button should be clicked.	Button clicked successfully.	Pass

k) Manage permission page:

The screenshot shows a user profile with the following details:  
First Name: Nighat  
Last Name: Khan  
Email: nighat@foodie  
Type: user

Below the details are two buttons:  
**Make an Admin** (green button)  
**Delete User** (yellow button)

Figure 78: manage permission page

a) Make an Admin Button/delete button

Test data	Expected result	Test result	Pass/Fail
User click the Make an Admin button	Button should be clicked.	Button clicked successfully.	Pass
User click the delete user button	Button should be clicked.	Button clicked successfully.	Pass

## I) Manage Product page:

The screenshot shows a dark-themed web application for managing products. At the top left, there's a header with the text "Expreience the taste" and a subtext "We are here to tickle your taste buds.". On the top right, there's a "Actions" section with links "View Complains" and "Manage Permissions", and a "Log Out" button. Below the header, the word "Foodie" is displayed, along with a three-line menu icon. The main content area has a title "Foodie" and a descriptive text: "Something short and leading about the collection below—its contents, the creator, etc. Make it short and sweet, but not too short so folks don't simply skip over it entirely.". Below this are two buttons: "Add a Product" (blue outline) and "View ordered List" (green). The main content area displays three product cards: 1. A burger with the caption "A burger that goes you Wow..." and buttons for "Details", "Update", and "Delete". 2. An Italian pizza with the caption "An Italian pizza filled with cheese" and buttons for "Details", "Update", and "Delete". 3. Grilled fish with the caption "Grilled fish that butters your taste bud's" and buttons for "Details", "Update", and "Delete".

Figure 79: manage product page

- a) Add / View ordered list / drop down menu/ Logout Button/View complains / Mange permissions link / scrollbar

Test data	Expected result	Test result	Pass/Fail
User click the Add button.	Button should be clicked.	Button clicked successfully.	Pass
User click the View ordered list button.	Button should be clicked.	Button clicked successfully.	Pass

User click the Manage permissions link.	Button should be clicked.	Button clicked successfully.	Pass
User click the View complains link.	Button should be clicked	Button clicked successfully.	Pass
User click the Logout button.	Button should be clicked	Button clicked successfully.	Pass
User click the drop-down menu.	Button should be clicked.	Button clicked successfully.	Pass
User drag the scrollbar	Scroll bar should be dragging the screen up and down.	User drag the screen up and down successfully.	Pass

b) Update/ details / delete Button

<b>Test data</b>	<b>Expected result</b>	<b>Test result</b>	<b>Pass/Fail</b>
User click the update button	Button should be clicked	Button clicked successfully.	Pass
User click the details button	Button should be clicked	Button clicked successfully.	Pass
User click the delete button	Button should be clicked.	Button clicked successfully.	Pass

**m) View Message list page:**

Sr.No	Name	Contact No	Email	Message	Action
1	ejde	refrf	dfx@hswqed	erfrf	<button>Replied</button>
2	123	abc	Adil@ffoodie	123	<button>Replied</button>
3	Adil	03356103557	nighat@foodie	*****	<button>Replied</button>
4	Adil	03356103557	nighat@foodie	###	<button>Replied</button>

View All Records

Figure 80: View message list

a) View all records Button/replied button

Test data	Expected result	Test result	Pass/Fail
User click the View all records Button.	Button should be clicked and all messages should display to the admin.	Button clicked and all messages displayed to the admin successfully.	Pass
User click the replied Button.	Button should be clicked.	Button clicked successfully.	Pass

**n) Placed Order List:**

Orders Placed									
Serial No	Unique Order Tracking ID	Name	Address	Contact no	Orders Detail(s)	Bill Amount	Status	Actions	
1	61a70e7cab4a76b63158c276	Adil	Tajbagh Lahore	03307225997	• Tikka Pizza x 1	2000	Pending	Delivered	
2	61acb6b8308899f894317837	Nighat	Tajbagh Karachi	03307225997	• Tikka Pizza x 2	4000	Pending	Delivered	
3	61acba04308899f89431783b	juni	Tajbagh Lahore	03307225997	• chic Karahi x 1	200	Pending	Delivered	
4	61acbc92308899f89431783d	juni	Tajbagh Lahore	03307225997	• Tikka Pizza x 1	2000	Pending	Delivered	
5	61acbd33308899f89431783e	juni	Tajbagh Lahore	03307225997	• Coffee x 1	10	Pending	Delivered	
6	61acc07f308899f894317840	juni	Tajbagh Lahore	03307225997	• Tikka Pizza x 1	2000	Pending	Delivered	
7	61aee8671d2b001b5fd33320	Nighat	Tajbagh Lahore	03307225997	• Tikka Pizza x 1	2000	Pending	Delivered	
8	61b2e33f0cd18929483fd14f	Sana	Tajbagh Lahore	03307225997	• chic Karahi x 1	200	Pending	Delivered	
2	61acb6b8308899f894317837	Nighat	Tajbagh Karachi	03307225997	• Tikka Pizza x 2	4000	Pending	Delivered	
3	61acba04308899f89431783b	juni	Tajbagh Lahore	03307225997	• chic Karahi x 1	200	Pending	Delivered	
4	61acbc92308899f89431783d	juni	Tajbagh Lahore	03307225997	• Tikka Pizza x 1	2000	Pending	Delivered	
5	61acbd33308899f89431783e	juni	Tajbagh Lahore	03307225997	• Coffee x 1	10	Pending	Delivered	
6	61acc07f308899f894317840	juni	Tajbagh Lahore	03307225997	• Tikka Pizza x 1	2000	Pending	Delivered	
7	61aee8671d2b001b5fd33320	Nighat	Tajbagh Lahore	03307225997	• Tikka Pizza x 1	2000	Pending	Delivered	
8	61b2e33f0cd18929483fd14f	Sana	Tajbagh Lahore	03307225997	• chic Karahi x 1	200	Pending	Delivered	
9	61b2e3960cd18929483fd151	Sana	Tajbagh Lahore	03307225997	• Cheese Burger x 1	600	Pending	Delivered	
10	61b30cc43e517e507f2d8927	m	ksk lahore	321567999	• Coffee x 1	10	Pending	Delivered	
11	61c1702c2d337fe6f53ac93a	Nighat	Tajbagh Lahore	03307225997	• Cheese Burger x 1	600	Pending	Delivered	

Search An Order

Figure 81: Placed order list screen

**a) Search an order Button/delivered button**

Test data	Expected result	Test result	Pass/Fail
User click the Search an order Button	Button should be clicked	Button clicked successfully.	Pass
User click on the delivered button.	Button should be clicked	Button clicked successfully.	Pass

## o) About US:

Foodie

Home

About us

Contact us

Actions ▾

Sign in

Sign up

# F Foodie

Let you know us :)

**World**

**Featured post**

Nov 12

This is a wider card with supporting text below as a natural lead-in to additional content.



**World**

**Featured post**

Nov 12

This is a wider card with supporting text below as a natural lead-in to additional content.



**World**

**Featured post**

Nov 12

This is a wider card with supporting text below as a natural lead-in to additional content.



**World**

**Featured post**

Nov 12

This is a wider card with supporting text below as a natural lead-in to additional content.



Live, Love, Eat :)

Information

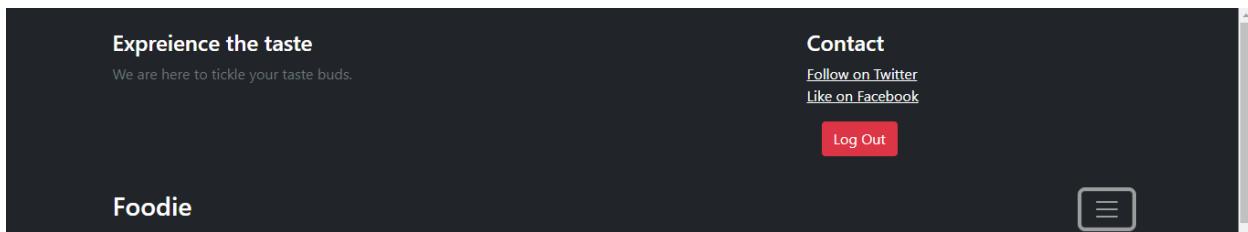
Copy Rights reserved 2000

Figure 82: About us screen

a) Sign in/sign up/information/contact us

Test data	Expected result	Test result	Pass/Fail
User click the Sign in Button	Button should be clicked.	Button clicked successfully.	Pass
User click the Sign-up Button	Button should be clicked	Button clicked successfully.	Pass
User click the Contact us Button	Button should be clicked	Button clicked successfully.	Pass
User click the information button	Button should be clicked	Button clicked successfully.	Pass

p) Product display page:



## Foodie

Something short and leading about the collection below—its contents, the creator, etc. Make it short and sweet, but not too short so folks don't simply skip over it entirely.

[View your tiffon](#) [View your ordered List](#)

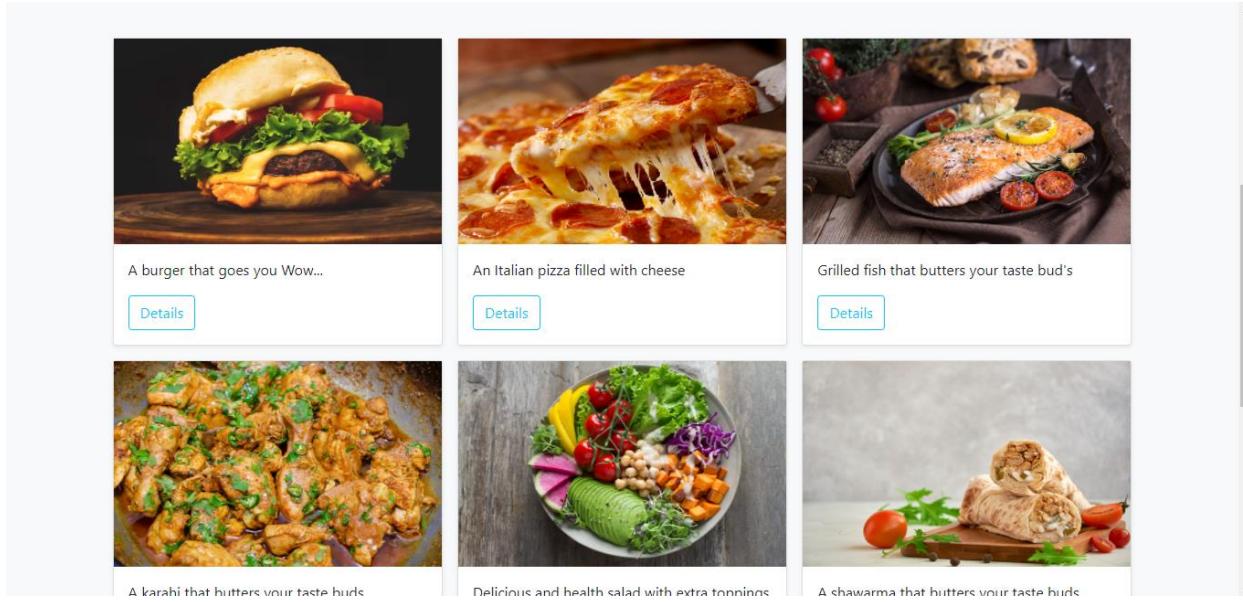


Figure 83: Product display screen

a. Twitter link/Facebook link/ View Ordered List Button/ View tiffin Button/detail

<b>Test data</b>	<b>Expected result</b>	<b>Test result</b>	<b>Pass/Fail</b>
User click the twitter link.	Button should be clicked and jump the user to the website's twitter page.	Button clicked and jump the user to the website's twitter page successfully.	Pass
User click the Facebook link.	Button should be clicked and jump the user to the website's Facebook page.	Button clicked and jump the user to the website's Facebook page successfully.	Pass
User click the View Ordered List Button	Button should be clicked.	Button clicked successfully.	Pass
User click the View tiffin Button	Button should be clicked	Button clicked successfully.	Pass
User click the Detail Button	Button should be clicked.	Button clicked successfully.	Pass

q) Main page

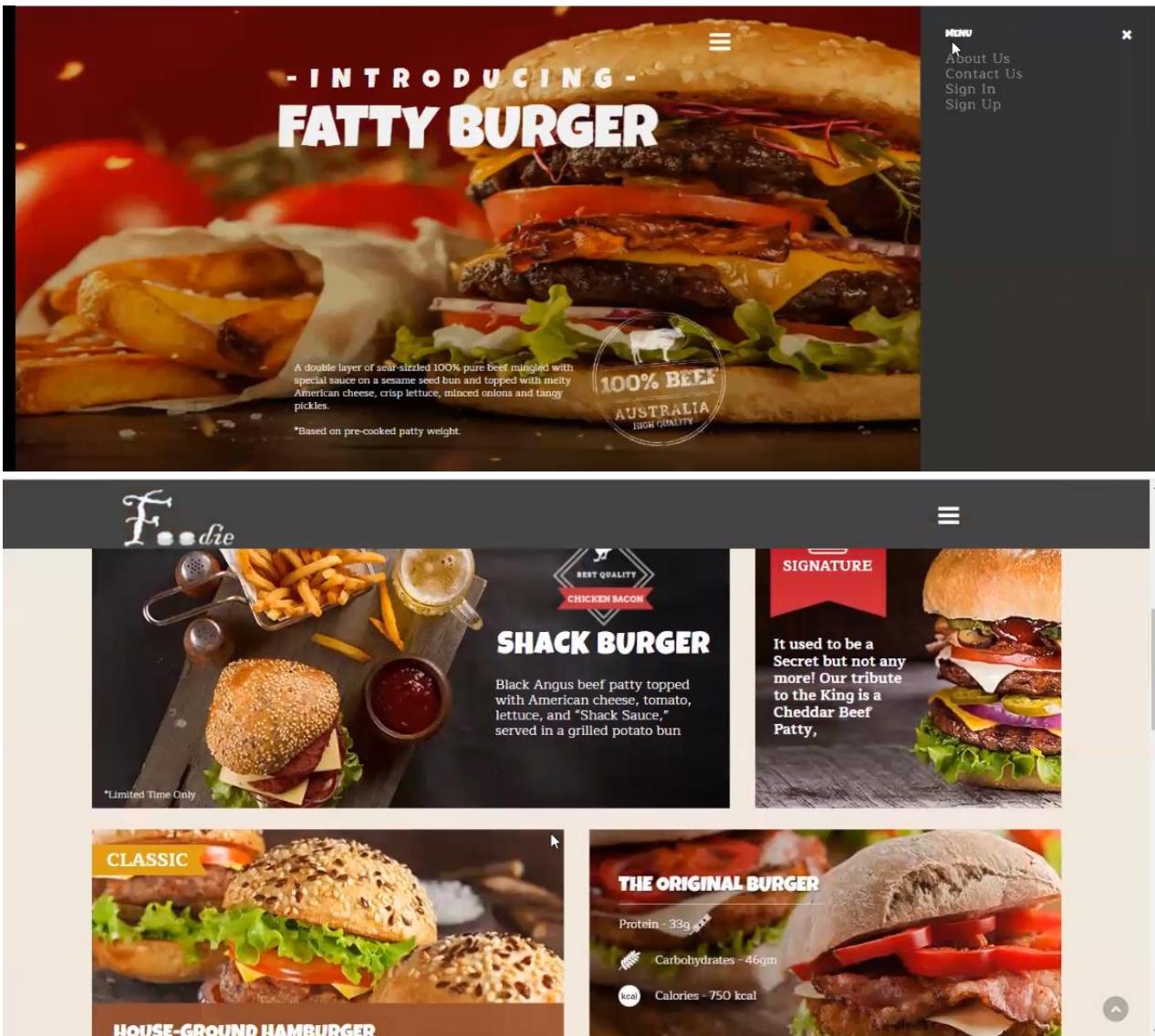


Figure 84: main page

- a) About us/Facebook icon/Instagram icon/twitter icon

Test data	Expected result	Test result	Pass/Fail
User click the About us link.	Button should be clicked	Button clicked successfully.	Pass
User click the Facebook icon.	Button should be clicked and jump user to the facebook page of the website.	Button clicked successfully and jump user to the facebook page of the website.	Pass

User click the Instagram icon.	Button should be clicked and jump user to the Instagram page of the website.	Button clicked successfully and jump user to the Instagram page of the website.	Pass
User click the twitter icon.	Button should be clicked and jump user to the twitter page of the website.	Button clicked successfully and jump user to the Twitter page of the website.	Pass

**r) Manage Product description page:**



Figure 85: manage product description

**a) Update button/delete button**

Test data	Expected result	Test result	Pass/Fail
User click the update button.	Button should be clicked.	Button clicked successfully.	Pass

User click delete button.	Button should be clicked.	Button clicked successfully.	Pass
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## 4.2 Integration Testing:

### a) Sign Up

Test data	Expected result	Test result	Pass/Fail
User sign up the system	User should sign up in the system and jump user to the sign in page.	User successfully able to sign up and jump user to the sign in page.	Pass
User with this id already existed in the system	User should not able to sign up then a message should pop up to tell the user that you have already have an account.	User do not able to sign up.	Pass

### b) Sign In

Test data	Expected result	Test result	Pass/Fail
User sign in the system	User should sign-in in the system and user jump to product display page of its associated category.	User successfully able to sign in and user jump to product display page of its associated category.	Pass
User does not have any account before in the system.	User should not able to sign-in in the system and a message should pop up to tell the user that you have entered the invalid id or password.	User do not able to sign-in and a message pop up to tell the user that you have entered the invalid id or password.	Pass

### c) Product Display page

Test data	Expected result	Test result	Pass/Fail
User click the View	User should jump to the Ordered List page.	User jump to the Ordered List page successfully.	Pass

Ordered List Button			
User click the View tiffin Button	User should jump to the tiffin page.	User jump to the Add to tiffin page successfully.	Pass
User click the Detail Button	User should jump to the product description page.	User jump to the product description page successfully.	Pass

**d) Product description page**

Test data	Expected result	Test result	Pass/Fail
User click the eat now button	Button should be clicked and the order should be saved in database and user should be jumped to Delivery specification page.	Button successfully clicked and the order should be saved in database and user jumped to Delivery specification page successfully.	Pass
User click the Add to Tiffin button	Button should be clicked and user should be jumped to Add to Tiffin page and respective product added into his/her tiffin.	Button successfully clicked and user jumped to Add to Tiffin page and respective product added into his/her tiffin successfully.	Pass

**e) Add to tiffin Page**

Test data	Expected result	Test result	Pass/Fail
User click the checkout button	Button should be clicked and user should be jumped to Delivery specification page.	Button successfully clicked and user jumped to Delivery specification page successfully.	Pass
User click the delete button	Button should be clicked and respective item deleted from the tiffin of user.	Button successfully clicked and respective item deleted from the tiffin of user.	Pass

**f) Delivery Specification Page**

<b>Test data</b>	<b>Expected result</b>	<b>Test result</b>	<b>Pass/Fail</b>
User enter the required information and click the Confirm button	Button should be clicked and the added information should be stored in database properly and pop up a confirmation message of order placement should be shown to the user and user should be jumped to the main page.	Button successfully clicked and the added information stored in database properly and pop up a confirmation message of order placement shown to the user and user jumped to the main page successfully.	Pass

### g) Manage Product Page

<b>Test data</b>	<b>Expected result</b>	<b>Test result</b>	<b>Pass/Fail</b>
User click the Add button.	Button should be clicked and user should be jumped to the Add product page.	Button clicked and user jumped to the Add product page successfully.	Pass
User click the View ordered list button.	Button should be clicked and user should be jumped to the View ordered list page.	Button clicked and user jumped to the View ordered list page successfully.	Pass
User click the Manage permissions link.	Button should be clicked and user should be jumped to the Search person page.	Button clicked and user jumped to the Search person page successfully.	Pass
User click the View complains link.	Button should be clicked and user should be jumped to the View complains page.	Button clicked and user jumped to the View complains page successfully.	Pass
User click the Logout button.	Button should be clicked and user should be jumped to the main page.	Button clicked and user jumped to the main page successfully.	Pass
User click the update button	Button should be clicked and jump the user to the update product page where information of	Button clicked and jump the user to the update product page successfully and where information of	Pass

	respective product is already existed.	respective product is already existed.	
User click the details button	Button should be clicked and jump the user to the product description page.	Button clicked and jump the user to the update product description successfully.	Pass

## **h) Messages**

<b>Test data</b>	<b>Expected result</b>	<b>Test result</b>	<b>Pass/Fail</b>
User click the View all records Button.	Button should be clicked and all messages should display to the admin with their status (either pending or seen).	Button clicked and all messages displayed to the admin with their status successfully.	Pass
User click the replied Button.	Button should be clicked and that particular message removed from the message list and its status should be changed to seen message.	Button clicked and that particular message removed from the message list and its status should be changed to seen message successfully.	Pass

## **i) Search an order**

<b>Test data</b>	<b>Expected result</b>	<b>Test result</b>	<b>Pass/Fail</b>
User enter any valid order id and click the Search an order Button	Button should be clicked and jump the admin to the search an order page successfully.	Button clicked and jump the admin to the search an order page successfully.	Pass
User enter the order id that doesn't exist and click the Search an order Button	Button should be clicked and jump the admin to the search an order page and a message should display to the user that order id must be the 24 characters.	Button clicked and jump the admin to the search an order page and a message should display to the user that order id must be the 24 characters successfully.	Pass

**j) Contact Us**

<b>Test data</b>	<b>Expected result</b>	<b>Test result</b>	<b>Pass/Fail</b>
User click the send button.	Button should be clicked and the added data should be saved properly in database and it should be sent to the admin view complain page for admin to view and user should be jumped to the main page.	Button successfully clicked and the added data saved properly in database and send to the admin view complain page and user jumped to the main page user successfully.	Pass

**k) Add Product Page**

<b>Test data</b>	<b>Expected result</b>	<b>Test result</b>	<b>Pass/Fail</b>
User click the Add button	Button should be clicked and the added data should be saved properly in database and user should be jumped to the manage product page. Added product should display for user on product display page.	Button clicked and the added data saved properly in database and user jumped to the manage product page successfully and added product display for user on product display page.	Pass

**l) Update a product**

<b>Test data</b>	<b>Expected result</b>	<b>Test result</b>	<b>Pass/Fail</b>
User click the Upgrade button	Button should be clicked and the added data should be saved properly in database and user should be jumped to the manage product page and updated product should display	Button clicked and the added data saved properly in database and user jumped to the manage product page successfully and updated product display for user on product display page.	Pass

	for user on product display page.		
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**m) Search a person**

Test data	Expected result	Test result	Pass/Fail
User enter the person id and click the Search button	Button should be clicked and user should be jumped to the person detail page successfully.	Button clicked and user jumped to the person detail page successfully.	Pass
User enter the person id that doesn't existed and click the Search button.	Button should be clicked and user should be jumped to the person detail page where an error message should be displayed to the user.	Button clicked and user jumped to the person detail page successfully where an error message should be displayed to the user	Pass

**n) View placed Order List:**

Test data	Expected result	Test result	Pass/Fail
User clicks the search an order button.	Button should be clicked and user should be jumped to the search an order page.	Button clicked and user jumped to the search an order page successfully.	Pass
User clicks to the delivered button.	Button should be clicked. Change the status of order from pending to deliver at order list page for user and order should be remove from pending order list.	Button clicked. Change the status of order from pending to deliver at order list page for user and order remove from pending order list successfully.	Pass

**o) Manage permission page:**

Test data	Expected result	Test result	Pass/Fail
User clicks the make an admin button.	Button should be clicked. Change the status of the user type and updated type should display to the user and updated in the database also.	Button clicked. Change the status of the user type and updated type displayed to the user and updated in the database successfully.	Pass
User clicks to the delete button.	Button should be clicked. It should remove the user from the database.	Button clicked. It removed the user from the database successfully.	Pass

**p) About us:**

Test data	Expected result	Test result	Pass/Fail
User click the home link from main menu.	Button should be clicked and jump the user to the website's home page.	Button clicked and jump the user to the website's home successfully.	Pass
User click the About us link.	Button should be clicked and jump the user to the website's About us page.	Button clicked and jump the user to the website's twitter page successfully.	Pass
User click the Sign in Button	Button should be clicked and jump the user to the Sign in page.	Button clicked and jump the user to the Sign in page successfully.	Pass
User click the Sign-up Button	Button should be clicked and jump the user to the Sign-up page.	Button clicked and jump the user to the Sign-up page successfully.	Pass
User click the Contact us Button	Button should be clicked and jump the user to the contact us page.	Button clicked and jump the user to the Contact us page successfully.	Pass
User click the	Button should be clicked and jump the user to the home page.	Button clicked and jump the user to the product home page successfully.	Pass

information Button			
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**q) Main page:**

Test data	Expected result	Test result	Pass/Fail
User click the About us link.	Button should be clicked and jump the user to the website's About us page.	Button clicked and jump the user to the website's twitter page successfully.	Pass
User click the Sign in Button	Button should be clicked and jump the user to the Sign in page.	Button clicked and jump the user to the Sign in page successfully.	Pass
User click the Sign-up Button	Button should be clicked and jump the user to the Sign-up page.	Button clicked and jump the user to the Sign-up page successfully.	Pass
User click the Contact us Button	Button should be clicked and jump the user to the contact us page.	Button clicked and jump the user to the Contact us page successfully.	Pass

**r) Manage product description page:**

Test data	Expected result	Test result	Pass/Fail
User click the update button.	Button should be clicked and jump user to the update product page.	Button clicked successfully and jump user to the update product page.	Pass
User click delete button.	Button should be clicked and respective product should be deleted from the product display page of the user	Button clicked successfully and respective product deleted from the product display page of the user.	Pass

### **4.3 System Testing:**

#### **a) Sign In:**

**System ID:** Foodie07

**Tester:** Adil

**Date:** 12/20/21

<b>Steps</b>	<b>Expected Result</b>	<b>Actual Result</b>	<b>Status</b>
1. Open the website by placing the <b>URL</b> in your browser search bar	The website main page should be opened.	The website main page is opened.	Passed
2. Click on sign in option from the nav bar of your website.	The sign in page should be loaded.	The sign in page is loaded.	Passed
3. Place your email id and password incorrectly.	Must be directed to sign in page with an error message.	Directed to sign in page with an error message.	Passed
4. Place your email id and password of account that does not exist.	Must be directed to sign in page with an error message.	Directed to sign in page with an error message.	Passed
5. Place your email id and password correctly with user domain.	Must be directed to product main page adding the user.	Directed to product main page adding the user.	Passed
6. Place your email id and password correctly with admin domain.	Must be directed to product main page adding the admin.	Directed to product main page adding the admin.	Passed
7. If user does not have an account, he /she clicked on sign up option.	Must be directed to sign up page.	Directed to sign up page.	Passed

**b) Sign up:**

**System ID:** Foodie01

**Tester:** Adil

**Date:** 12/20/21

<b>Steps</b>	<b>Expected Result</b>	<b>Actual Result</b>	<b>Status</b>
1. Open the website by placing the <b>URL</b> in your browser search bar	The website main page should be opened.	The website main page is opened.	Passed
2. Click on sign up option from the nav bar of your website.	The sign-up page should be loaded.	The sign-up page is loaded.	Passed
3. Place an email address that have been already taken or registered in the scope of application.	Must be directed to sign up page with an error message.	Directed to sign up page with an error message.	Passed
4. Place a unique email ID and password that does not have been already taken or registered in the scope of application.	Must be directed to sign in page with a message of account verification.	Directed to sign in page with a message of account verification.	Passed

c) Contact Us:

**System ID:** Foodie02

**Tester:** Adil

**Date:** 12/20/21

Steps	Expected Result	Actual Result	Status
1. Open the website by placing the <b>URL</b> in your browser search bar	The website main page should be opened.	The website main page is opened.	Passed
2. Click on <b>contact us</b> option from the nav bar of your website.	The contact us page should be loaded.	The contact us page is loaded.	Passed
3. Place the associated details and your message and click on send button.	Must be directed to main page with a confirmation message that your message has been placed.	Directed to main page with a confirmation message that your message has been placed.	Passed

d) About Us:

**System ID:** Foodie03

**Tester:** Adil

**Date:** 12/20/21

Steps	Expected Result	Actual Result	Status
1. Open the website by placing the <b>URL</b> in your browser search bar	The website main page should be opened.	The website main page is opened.	Passed
2. Click on <b>about us</b> option from the nav bar of your website.	The about us page should be loaded.	The about us page is loaded.	Passed
3. Click on information button at the	Must be directed to main page of website.	Must be directed to main page of website.	Passed

bottom of your screen.			
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**e) User Product Page:**

**System ID:** Foodie04

**Tester:** Adil

**Date:** 12/20/21

Steps	Expected Result	Actual Result	Status
1. Open the website by placing the <b>URL</b> in your browser search bar	The website main page should be opened.	The website main page is opened.	Passed
2. Click on sign in option from the nav bar of your website.	The sign in page should be loaded.	The sign in page is loaded.	Passed
3. Place your email id and password correctly.	Must be directed to product main page	Directed to product main page	Passed
4. Click on the view tiffin button	Must be directed to the user tiffin.	Must be directed to the user tiffin	Passed
5. Click on the View Order Placed button	Must be directed to the Order page indicating the user placed orders and their current status.	Directed to the Order page indicating the user placed orders and their current status.	Passed
6. Click on the detail button associated with any product	Must be directed product detail page having the associated detail of product.	Directed product detail page having the associated detail of product.	Passed
7. Click on the nav bar and then click on any of provided social media platform link.	Must be directed to the associated social media page.	Directed to the associated social media page.	Passed
8. Click on the nav bar and then click on log out button.	Must be directed to the main page of website	Directed to the main page of website	Passed

**f) Tiffin:**

**System ID:** Foodie06

**Tester:** Adil

**Date:** 12/20/21

Steps	Expected Result	Actual Result	Status
1. Open the website by placing the <b>URL</b> in your browser search bar	The website main page should be opened.	The website main page is opened.	Passed
2. Click on sign in option from the nav bar of your website.	The sign in page should be loaded.	The sign in page is loaded.	Passed
3. Place your email id and password correctly.	Must be directed to product main page	Directed to product main page	Passed
4. Click on the view tiffin button	Must be directed to the user tiffin.	Must be directed to the user tiffin	Passed
5. Click on the plus button associated with any item placed in your tiffin.	The quantity of that particular product in the cart should be increased by one and the subtotal and item count should be increased accordingly.	The quantity of that particular product in the cart should be increased by one and the subtotal and item count is increased accordingly.	Passed
6. Click on the Minus button associated with any item placed in your tiffin.	The quantity of that particular product in the cart should be decreased by one and the subtotal and item count should be decreased accordingly.	The quantity of that particular product in the cart should be decreased by one and the subtotal and item count is decreased accordingly.	Passed
7. Click on the Minus button associated with any item placed in your tiffin having quantity 1.	The quantity of that particular product in the cart should not be changed.	The quantity of that particular product in the cart should not be changed.	Passed

8. Click on the delete button associated with any item placed in your tiffin	The associated product should be removed from the tiffin.	The associated product is removed from the tiffin.	Passed
9. Click on the checkout button in your tiffin having products	Must be directed to the order specification page.	Is directed to the order specification page.	Passed
10. Click on the checkout button in your tiffin having no products	Must be re-directed to the tiffin page with an error message.	Is re-directed to the tiffin page with an error message.	Passed

### g) User Order Detail

**System ID:** Foodie08

**Tester:** Adil

**Date:** 12/20/21

Steps	Expected Result	Actual Result	Status
1. Open the website by placing the <b>URL</b> in your browser search bar	The website main page should be opened.	The website main page is opened.	Passed
2. Click on sign in option from the nav bar of your website.	The sign in page should be loaded.	The sign in page is loaded.	Passed
3. Place your email id and password correctly.	Must be directed to product main page	Directed to product main page	Passed
4. Click on the detail button associated with any product	Must be directed product detail page having the associated detail of product.	Directed product detail page having the associated detail of product.	Passed
5. Click on add to tiffin button	Must be directed to the tiffin page of user having that product listed in the user tiffin.	Is directed to the tiffin page of user having that product listed in the user tiffin.	Passed
6. Click on the Eat Now button.	Must be directed to the order specification page.	Is directed to the order specification page.	Passed

**h) Deliver Specification:**

**System ID:** Foodie09

**Tester:** Adil

**Date:** 12/20/21

Steps	Expected Result	Actual Result	Status
1. Open the website by placing the <b>URL</b> in your browser search bar	The website main page should be opened.	The website main page is opened.	Passed
2. Click on sign in option from the nav bar of your website.	The sign in page should be loaded.	The sign in page is loaded.	Passed
3. Place your email id and password correctly.	Must be directed to product main page	Directed to product main page	Passed
4. Click on the detail button associated with any product	Must be directed product detail page having the associated detail of product.	Directed product detail page having the associated detail of product.	Passed
5. Click on the Eat Now button.	Must be directed to the order specification page.	Is directed to the order specification page.	Passed
6. From the main page can also click on the view tiffin button	Must be directed to the user tiffin.	Must be directed to the user tiffin	Passed
7. Click on the checkout button in your tiffin having products	Must be directed to the order specification page.	Is directed to the order specification page.	Passed
8. Place the associated details in the form of your address and contact number.	Must display a verification message empties the cart items if you checked out from your cart and directed to main page of your website.	Display a verification message empties the cart items if you checked out from your cart and directed to main page of your website.	Passed

**i) Admin Product Page:**

**System ID:** Foodie088

**Tester:** Adil

**Date:** 12/20/21

Steps	Expected Result	Actual Result	Status
1. Open the website by placing the <b>URL</b> in your browser search bar	The website main page should be opened.	The website main page is opened.	Passed
2. Click on sign in option from the nav bar of your website.	The sign in page should be loaded.	The sign in page is loaded.	Passed
3. Place your email id and password correctly.	Must be directed to product main page of Admin.	Directed to product main page of Admin.	Passed
4. Click on the Add a Product button.	Must be directed to the Add a Product Page.	Is directed to the Add a Product Page.	Passed
5. Click on view orders button.	Must be directed to the Order display Page having the list of undelivered orders.	Is directed to the Order display Page having the list of undelivered orders.	Passed
6. Click on the detail button associated with any product	Must be directed product detail page having the associated detail of product and admin controls.	Directed product detail page having the associated detail of product and admin controls.	Passed
7. Click on the update button associated with any product	Must be directed to the Update a Product Page Having the current details of associated product.	Is directed to the Update a Product Page Having the current details of associated product.	Passed
8. Click on the delete button associated with any product	The associated product should be deleted from product list offered by the application.	The associated product is deleted from product list offered by the application.	Passed
9. Click on the nav bar tab and then click on the	Must be directed to manage permission forum.	Is directed to manage permission forum.	Passed

manage permission option.			
10. Click on the nav bar tab and then click on the View complains option.	Must be directed to complain page indicating the list of untreated complains.	Is directed to complain page indicating the list of untreated complains	Passed
11. Click on the nav bar and then click on log out button.	Must be directed to the main page of website	Directed to the main page of website	Passed

#### j) Admin Order Detail

**System ID:** Foodie025

**Tester:** Adil

**Date:** 12/20/21

Steps	Expected Result	Actual Result	Status
1. Open the website by placing the <b>URL</b> in your browser search bar	The website main page should be opened.	The website main page is opened.	Passed
2. Click on sign in option from the nav bar of your website.	The sign in page should be loaded.	The sign in page is loaded.	Passed
3. Place your email id and password correctly.	Must be directed to product main page	Directed to product main page	Passed
4. Click on the detail button associated with any product	Must be directed product detail page having the associated detail of product.	Directed product detail page having the associated detail of product.	Passed
5. Click on the update button associated with any product	Must be directed to the Update a Product Page Having the current details of associated product.	Is directed to the Update a Product Page Having the current details of associated product.	Passed
6. Click on the delete button associated with any product	The associated product should be deleted from product list offered by the application.	The associated product is deleted from product list offered by the application.	Passed

### k) Add a Product

**System ID:** Foodie032

**Tester:** Adil

**Date:** 12/20/21

Steps	Expected Result	Actual Result	Status
1. Open the website by placing the <b>URL</b> in your browser search bar	The website main page should be opened.	The website main page is opened.	Passed
2. Click on sign in option from the nav bar of your website.	The sign in page should be loaded.	The sign in page is loaded.	Passed
3. Place your email id and password correctly.	Must be directed to product main page	Directed to product main page	Passed
4. Click on the Add a Product button.	Must be directed to the Add a Product Page.	Is directed to the Add a Product Page.	Passed
5. Write the associated detail regarding the new product and click on the add button.	New product should be added and we must be directed to main page	New product is added and we are directed to main page	Passed

### l) Update a Product

**System ID:** Foodie062

**Tester:** Adil

**Date:** 12/20/21

Steps	Expected Result	Actual Result	Status
1. Open the website by placing the <b>URL</b> in your browser search bar	The website main page should be opened.	The website main page is opened.	Passed
2. Click on sign in option from the	The sign in page should be loaded.	The sign in page is loaded.	Passed

nav bar of your website.			
3. Place your email id and password correctly.	Must be directed to product main page	Directed to product main page	Passed
4. Click on the update button associated with any product	Must be directed to the Update a Product Page Having the current details of associated product.	Is directed to the Update a Product Page Having the current details of associated product.	Passed
5. Update the associated detail of product and click on the update button.	Product should be updated and we must be directed to main page	Product is updated and we are directed to main page	Passed

### m) View Ordered List

**System ID:** Foodie009

**Tester:** Adil

**Date:** 12/20/21

Steps	Expected Result	Actual Result	Status
1. Open the website by placing the <b>URL</b> in your browser search bar	The website main page should be opened.	The website main page is opened.	Passed
2. Click on sign in option from the nav bar of your website.	The sign in page should be loaded.	The sign in page is loaded.	Passed
3. Place your email id and password correctly.	Must be directed to product main page	Directed to product main page	Passed
4. Click on view orders button.	Must be directed to the Order display Page having the list of undelivered orders.	Is directed to the Order display Page having the list of undelivered orders.	Passed
5. Click on the delivered button associated with any order placed.	Must be removed from current active orders list and the status of order should be changed from pending to delivered	Is removed from current active orders list and the status of order is changed from pending to delivered	Passed

6. Click on search an order button to search an order.	Must be directed to the order searching page.	Is directed to the order searching page	Passed
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**n) Order searching:**

**System ID:** Foodie090

**Tester:** Adil

**Date:** 12/20/21

Steps	Expected Result	Actual Result	Status
1. Open the website by placing the <b>URL</b> in your browser search bar	The website main page should be opened.	The website main page is opened.	Passed
2. Click on sign in option from the nav bar of your website.	The sign in page should be loaded.	The sign in page is loaded.	Passed
3. Place your email id and password correctly.	Must be directed to product main page	Directed to product main page	Passed
4. Click on view orders button.	Must be directed to the Order display Page having the list of undelivered orders.	Is directed to the Order display Page having the list of undelivered orders.	Passed
5. Click on search an order button to search an order.	Must be directed to the order searching page.	Is directed to the order searching page	Passed
6. Place the order ID of an invalid order or order that does not exist	Must be directed to order detail page with an error message	Is redirected to order searching page with an error message	Passed
7. Place the order ID of valid order.	Must display all the details of order that is fetched by the placed ID.	Displays all the details of order that is fetched by the placed ID.	Passed

**o) View Complains:**

**System ID:** Foodie0980

**Tester:** Adil

**Date:** 12/20/21

Steps	Expected Result	Actual Result	Status
1. Open the website by placing the <b>URL</b> in your browser search bar	The website main page should be opened.	The website main page is opened.	Passed
2. Click on sign in option from the nav bar of your website.	The sign in page should be loaded.	The sign in page is loaded.	Passed
3. Place your email id and password correctly.	Must be directed to product main page	Directed to product main page	Passed
4. Click on the nav bar tab and then click on the View complains option.	Must be directed to complain page indicating the list of untreated complains.	Is directed to complain page indicating the list of untreated complains	Passed
5. Click on the replied button.	Must remove the message from the list of untreated complains and change its status to seen.	Is removed the message from the list of untreated complains and change its status to seen.	Passed
6. Click on View all records button.	Must display all the complains that were placed.	Display all the complains that were placed.	Passed

**p) User searching:**

**System ID:** Foodie056

**Tester:** Adil

**Date:** 12/20/21

<b>Steps</b>	<b>Expected Result</b>	<b>Actual Result</b>	<b>Status</b>
1. Open the website by placing the <b>URL</b> in your browser search bar	The website main page should be opened.	The website main page is opened.	Passed
2. Click on sign in option from the nav bar of your website.	The sign in page should be loaded.	The sign in page is loaded.	Passed
3. Place your email id and password correctly.	Must be directed to product main page	Directed to product main page	Passed
4. Click on the nav bar tab and then click on the manage permission option.	Must be directed to manage permission forum.	Is directed to manage permission forum.	Passed
5. Place the User ID of an invalid user or user that does not exist	Must be directed to User detail Page with an error message	Is redirected to order searching page with an error message	Passed
6. Place the user ID of valid user.	Must display all the details of user that is fetched by the placed ID with associated admin controls	Must display all the details of user that is fetched by the placed ID with associated admin controls	Passed

**q) User Details:**

**System ID:** Foodie0822

**Tester:** Adil

**Date:** 12/20/21

<b>Steps</b>	<b>Expected Result</b>	<b>Actual Result</b>	<b>Status</b>
1. Open the website by placing the <b>URL</b> in your browser search bar	The website main page should be opened.	The website main page is opened.	Passed

2. Click on sign in option from the nav bar of your website.	The sign in page should be loaded.	The sign in page is loaded.	Passed
3. Place your email id and password correctly.	Must be directed to product main page	Directed to product main page	Passed
4. Click on the nav bar tab and then click on the manage permission option.	Must be directed to manage permission forum.	Is directed to manage permission forum.	Passed
5. Place the user ID of valid user.	Must display all the details of user that is fetched by the placed ID with associated admin controls	Must display all the details of user that is fetched by the placed ID with associated admin controls	Passed
6. Click on delete a user button to delete a user.	The particular user should be deleted and must be redirected to user searching page.	The particular user is deleted and is redirected to user searching page.	Passed
7. Click on make an admin button.	The particular user account statistics should be upgraded to have an admin control.	The particular user account is upgraded to have an admin control.	Passed
8. Click on Remove as admin button.	The particular user account statistics should be upgraded to have user-based controls.	The particular user account statistics is upgraded to have user-based controls.	Passed

## **5. Conclusion:**

In recent years, many foodies are facing the frustration to have meal on their favorite haunts due to increase in traffic and a huge amount of wastage of time in order to conquer these frustrations many applications were introduce in the market by the software engineers. Our project users will have access to all the best and desired restaurant's major food items. Users able to pay for the food through cash on the delivery system. We have added '**The Foody Tiffin**' and are well on our way to adding multiple categories in our repertoire of services. This application can be more helpful for the foodies, if implemented on large scale, includes different remote areas and offer in different languages for better understanding of users belong to backward areas.

## **6. References:**

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