Document Name: Test Plan and Report
Product Name: Restaurant Ordering System
Team Name: ROS

Highlighted in <mark>GREEN</mark> means pass and highlighted in <mark>RED</mark> means fail.

User story 1.1: "As an admin, I want to add, edit, and delete menu items so that I can manage the menu"
Manual Test:
<mark>Scenario 1:</mark> Add New Menu Item
- How?
  - Access the admin dashboard, navigate to the menu management section, and add a new item with image, name, and price.
- What Should?
  - The new item should appear on the menu with the specified details.
- What Actually?
  - The new item is successfully added to the menu, and all details are displayed as intended.

<mark>Scenario 2:</mark> Edit Existing Menu Item
- How?
  - Access the admin dashboard, click on an existing menu item, and modify its name, image, and description.
- What Should?
  - The changes made should be reflected in the menu item details.
- What Actually?
  - The modifications are successfully applied, and the updated details are displayed for the menu item.

<mark>Scenario 3:</mark> Delete Menu Item
- How?
  - Access the admin dashboard, select a menu item, and delete it.
- What Should?
  - The item should be removed from the menu.
- What Actually?
  - The menu item is deleted, and it is no longer visible in the menu.

User story 1.2: "As a customer, I want to view the menu so that I can place orders."
Manual Test:
<mark>Scenario 1</mark>: Display Item Cards on Customer Interface
- How?
  - Access the customer interface and navigate to the menu.
- What Should?
  - Item cards should be displayed, representing items added by the admin.

- What Actually?
  - Item cards are successfully displayed on the customer interface.

Scenario 2: Open Item Modal
- How?
  - Click on an item card to open a modal displaying item details.
- What Should?
  - A modal should open, presenting information about the selected item.
- What Actually?
  - Clicking on an item card successfully opens a modal with details about the selected item.

Scenario 3: Temporary Filter Bar Visibility
- How?
  - Interact with the temporary filter bar (no functionality yet).
- What Should?
  - While not functional yet, the filter bar should be visible for future use.
- What Actually?
  - The filter bar is present on the interface, but no filtering functionality is implemented yet.

User story 1.3: "As a customer, I want to add/remove items to/from my cart so that I can create an order."
Manual Test:
Scenario 1: Display Shopping Cart
- How?
  - Access the customer interface and navigate to the shopping cart.
- What Should?
  - The shopping cart should display temporary table/order details with buttons for order status, help, and checkout.
- What Actually?
  - The shopping cart is successfully displayed with the specified buttons.

Scenario 2: Add Items to Cart
- How?
  - Click on item cards to add items to the shopping cart.
- What Should?
  - The shopping cart should update, displaying added items.
- What Actually?
  - Adding items to the cart successfully updates the cart display.

Scenario 3: Duplicate Items in Cart

- How?

- ○ Add duplicates of the same item to the cart.
- What Should?
  - ○ The counter should indicate the number of duplicates for each item in the cart.
- What Actually?
  - ○ The counter successfully reflects the number of duplicates for each item.

Scenario 4: Remove Item from Cart
- How?
  - ○ Click on the remove button for an item in the cart.
- What Should?
  - ○ The item should be removed from the cart.
- What Actually?
  - ○ Clicking the remove button successfully removes the item from the cart.

User story 1.4: "As a customer, I want to experience an intuitive user interface."
Manual Test:
Scenario 1: Wireframe Design
- How?
  - ○ Design wireframes for customer menu page, admin menu page, customer open item modal, order status modal, and admin item edit modal.
- What Should?
  - ○ Wireframes should be created according to the specified UI elements.
- What Actually?
  - ○ Wireframes are successfully designed for the specified UI elements.

User story 2.1: "As an admin, I want to manage table assignments so that I can control table occupancy"
Manual Test:
Scenario 1: Table Data Representation
- How?
  - ○ Access the admin interface and navigate to the table management section.
- What Should?
  - ○ Tables should be represented with unique IDs, allowing for identification.
- What Actually?
  - ○ Tables are successfully represented with unique IDs for identification.

Scenario 2: Assign Party to Table
- How?
  - ○ Access the admin interface as a host, navigate to the table assignment section, and assign a party to a table.
- What Should?
  - ○ Parties should be successfully assigned to tables, and the system should update accordingly.

- What Actually?
    - Assigning a party to a table works as intended, and the system updates accordingly.

Scenario 3: Frontend Display of Table Assignments
- How?
    - Access the admin interface and navigate to the table assignment section.
- What Should?
    - The frontend should display tables and their current assignments.
- What Actually?
    - The frontend successfully displays tables and their current assignments.

User story 2.2: "As an admin, I want to view incoming or status of orders so that I can monitor, and confirm orders."
Manual Test:
Scenario 1: Order Communication Protocol
- How?
    - Observe the communication protocol between the client and server for order updates.
- What Should?
    - A protocol should exist for communicating order updates between the client and server.
- What Actually?
    - The communication protocol successfully exists for order updates.

Scenario 2: Server Listening to Kitchen Systems
- How?
    - Observe the server for its ability to listen to updates from the kitchen systems.
- What Should?
    - The server should successfully listen to updates from the kitchen systems.
- What Actually?
    - The server successfully listens to updates from the kitchen systems.

Scenario 3: Send Updates to Customer Systems
- How?
    - Observe the server for its ability to send updates to customer systems based on kitchen updates.
- What Should?
    - Customer systems should receive updates about the order status.
- What Actually?
    - Customer systems successfully receive updates about the order status.

User story 2.3: "As a customer, I want to customize items in my cart so that I can personalize my order"

Manual Test:
Scenario 1: View customization options
- How?
    - Click on the menu item to open the modal and view the customization options.
- What Should?
    - The customization options should be present if enabled by the admin for that menu item.
- What Actually?
    - Clicking the modal fails to show the customization options.
Scenario 2: Select the customization options of your choice
- How?
    - Click on the checkboxes/radio buttons to make your choice for each selection category available.
- What Should?
    - The choices should be recorded and displayed in the notes section for the item when it is displayed in the shopping cart.
- What Actually?
    - The customization options fail to show or be selectable.

User story 3.1: "As a customer, I want to be able to submit orders online, and receive periodic updates."
Manual Test:
Scenario 1: Display Shopping Cart
- How?
    - Access the customer interface and navigate to the shopping cart.
- What Should?
    - The shopping cart should be created and displayed, allowing customers to add items.
- What Actually?
    - The shopping cart is successfully displayed, enabling customers to add items.

Scenario 2: Submit Shopping Cart

- How?
    - Click on the "Submit Order" button to send the shopping cart to the server.
- What Should?
    - The shopping cart data should be sent to the server for processing.
- What Actually?
    - Clicking "Submit Order" successfully sends the shopping cart data to the server.

Scenario 3: Server Communication

- How?
  - Observe the communication between the server and kitchen systems.
- What Should?
  - The server should forward the shopping cart data to the admin side.
- What Actually?
  - The server successfully communicates with the admin side and sends the shopping cart data.

Scenario 4: Awaiting Completion Signal
- How?
  - Observe the server for the completion signal from the kitchen systems.
- What Should?
  - The server should wait for and receive a completion signal from the kitchen systems.
- What Actually?
  - The server successfully receives the completion signal from the kitchen systems.

User story 3.2: "As a customer, I want to have the option of making an account to keep track of my orders.

Manual Test:
Scenario 1: Sign Up
- How?
  - Go to the create account and sign up using credentials.
- What Should?
  - Should create the account and store the user data in the database.
- What Actually?
  - Account creation worked as intended. The user can successfully create a new account.

Scenario 2: View Completed Orders
- How?
  - Access the user interface, navigate to the order history section, and view completed orders.
- What Should?
  - Completed orders should be visible to the signed-up customer.
- What Actually?
  - Completed orders are successfully visible in the order history section.

Scenario 3: Admin View of All Orders

- How?
  - Access the admin dashboard and navigate to the order history section.
- What Should?

○ Admins should be able to view the order history of all users.
- What Actually?
  - ○ Admins can successfully view the order history of all users.

View Order Information
- How?
  - ○ Access the customer interface, navigate to the order details section, and view order information.
- What Should?
  - ○ Order information, including table#, order #, and total amount, should be visible to the customer.
- What Actually?
  - ○ Order information is successfully visible to the customer.

User story 3.3: "As an admin, I want to be able to keep track of user accounts."
Manual Test:
Scenario 1: Edit Personal Details
- How?
  - ○ Access the customer interface, navigate to the profile section, and edit personal details.
- What Should?
  - ○ Customers should be able to edit personal details such as name, address, and phone number.
- What Actually?
  - ○ Customers can successfully edit their personal details.

Admin View of Personal Details
- How?
  - ○ Access the admin dashboard and navigate to the user account details section.
- What Should?
  - ○ Admins should be able to view personal details pertaining to online orders.
- What Actually?
  - ○ Admins can successfully view personal details pertaining to online orders.

User story 3.4: "As a user, I want to see a landing page when I visit the website and be able to signin/sign out/logout. If I am a signed up customer, I should see a different rendered website compared to the admin"

Manual Test:
Landing Page Display
- How?
  - ○ Visit the website and observe the landing page.
- What Should?

- - An information landing page should be created, allowing users to view essential details.
- What Actually?
  - The landing page is successfully created, and users can view essential details.

Scenario 2: Sign In/Up Functionality
- How?
  - Navigate to the sign-in/sign-up page and sign in/up using credentials.
- What Should?
  - Users should be able to sign in/up successfully.
- What Actually?
  - Sign in/up functionality works as intended.

Scenario 3: Conditional Rendering for Guest
- How?
  - Visit the website as a guest.
- What Should?
  - Guests should only see options to sign in/up.
- What Actually?
  - The website correctly renders options for guests to sign in/up.

Scenario 4: Conditional Rendering for Customer (Signed In)
- How?
  - Sign in as a customer and observe the rendered website.
- What Should?
  - Customers should see options to view their profile and make orders.
- What Actually?
  - The website correctly renders options for customers to view their profile and make orders.

Scenario 5: Conditional Rendering for Admin
- How?
  - Sign in as an admin and observe the rendered website.
- What Should?
  - Admins should see options for customers and have access to the admin dashboard.
- What Actually?
  - The website correctly renders options for admins to view customer features and access the admin dashboard.

User story 4.1: "As a customer, I want to be able to bookmark my favorite items and make comments
Manual Test:
Scenario 1: View menu

- How?
  - Click on order now.
- What Should?
  - The menu should be displayed on the screen.
- What Actually?
  - The menu is successfully displayed on the screen.

Scenario 2: Select an item as a favorite
- How?
  - Click on the item to open the modal and then click the favorite button.
- What Should?
  - The item should be saved as a favorite menu item.
- What Actually?
  - The item isn't set as favorite and there is no button for making an item a favorite.

Scenario 3: View favorites and bookmark one
- How?
  - Click on the favorites tab of your account info then click the bookmark icon.
- What Should?
  - The item should be bookmarked and appear at the top of your favorites.
- What Actually?
  - The customer is not able to view their favorites.

Scenario 4: Comment on the bookmarked item
- How?
  - Click the bookmark icon and type your comment in the modal pop-up.
- What Should?
  - The comment should be saved and viewable when the comments icon is clicked on.
- What Actually?
  - Favorites can't be viewed, set, or bookmarked.

User story 4.2: "As an admin, I want to be able to see analytics regarding sales, popular menu items, and any trends."
Manual Test:
Scenario 1: View analytics page
- How?
  - Click on the admin dashboard icon and then the side bar for the analytics page.
- What Should?
  - The analytics regarding sales, popular menu items, and trends should be displayed and viewable.
- What Actually?
  - The analytics are not displayed.

User story 4.3: "As a customer, I want to be able to schedule and manage deliveries customers may order online."

Manual Test:

Scenario 1:Order online
- How?
  - Place the items in the shopping cart and submit the order.
- What Should?
  - The order should be sent to the server and then from the server to the kitchen.
- What Actually?
  - The order is placed successfully and is passed to the kitchen.

Scenario 2: Schedule delivery
- How?
  - After clicking the checkout button on the shopping cart select delivery instead of in-store pickup.
- What Should?
  - This should take you to a page where you can select a location for the food to be delivered to.
- What Actually?
  - There is no option for choosing delivery.