# Aha – World of Taste (44692-02 Group 01)

## **Introduction:**

Welcome to "Aha - World of Taste," a restaurant website that brings delicious flavors and amazing dining experiences right to your screen. This project is all about creating a special online place where people can explore tasty dishes, find their favorites, and enjoy a smooth dining adventure. By breaking down different parts of the website, like menus and order tracking, we're making sure that every detail is thought of and every team member knows what they're responsible for.

## **Team:**

1. Pydi Venkata Satya Ramesh Adapa – Full Stack Developer
2. Jyothsna Pamarthi - Team Lead
3. Anjali Bhogireddy - Full Stack Developer
4. Sushmita Yelamakonda - Full Stack Developer
5. Jagadeesh Ponnam – Project Manager
6. Ravi Chandra Yalla - Full Stack Developer

## **Project Functionalities:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S.No** | **Functionality** | **Sub-Functionalities & Details** | **Teammate** | **Interfaces/GUI** | **API Calls** |
| 1 | Home Page | Banner Carousel, Special Offers, Trending Items | Jyothsna | Slideshow, Sections | Fetching Trending Items, Special Offers |
| 2 | Login & Signup | Login Interface, Signup Interface | Jyothsna | Form Fields | Authentication, User Registration |
| 3 | Menu Browsing | Category Tabs, Item Cards | Ramesh | Tabs, Cards | Fetching Menu Categories, Items |
| 4 | Searching Menu | Search Bar, Search Results | Ramesh | Search Field, Results | Search Queries, Item Retrieval |
| 5 | Menu Filters & Additional Filters | Filters UI, Additional Filters | Ramesh | Dropdowns, Checkboxes, Hamburger Menu | Applying Filters, Fetching Filtered Results |
| 6 | Adding Food Item to Cart | Item Selection, Cart Preview | Ravi | Buttons, Cart Display | Managing Cart Content |
| 7 | Order Summary & Delivery/Pickup Option | Order Summary, Delivery/Pickup Option | Ravi | Display, Radio Buttons | Order Total Calculation, Delivery/Pickup Options |
| 8 | Order Tracking | Tracking Interface | Ravi | Status Display | Retrieving/Updating Order Status |
| 9 | Reservation Interface & Confirmation | Reservation Form, Confirmation | Jyothsna | Date/Time Picker, Confirmation Display | Making Reservations, Availability Check |
| 10 | Review & Rating of Customers | Review Submission, Displaying Reviews | Anjali | Text Area, Review Display | Submitting/Fetching Reviews |
| 11 | Menu Food Item Like Button | Like Button, User Preferences | Anjali | Button, Preferences Display | Recording Likes, Creating Preferences |
| 12 | CRUD Operations on Food Items | Create, Read, Update, Delete | Ramesh | Admin Dashboard | Manage Food Items in Database |
| 13 | Interface for CRUD Operations | Admin Dashboard | Ramesh | Admin Interface | Interaction with CRUD Operations |
| 14 | Order Processing Interface | Restaurant Worker UI | Jagadeesh | Order Processing UI | Handle Order Processing |
| 15 | Reservation Processing Interface | Restaurant Worker UI | Jyothsna | Reservation Processing UI | Handle Reservation Processing |
| 16 | Live Chat with Customers | Chat Interface | Sushmitha | Real-time Chat Interface | Implement Real-time Chat |
| 17 | GPS Tracking for Orders | GPS Integration | Anjali | Map Integration | Integrate with GPS Services |
| 18 | Customer Past Orders | Order History Page | Jagadeesh | Order History Page | Fetch and Display Order History |
| 19 | Customer Profile Page | Profile Management | Jagadeesh | Profile Management UI | Manage Customer Profile Information |
| 20 | Sending Notifications | Order Notifications | Anjali | Notification Interface | Send Notifications to Customers |
| 21 | Menu Items Based on Preferences | Personalized Recommendations | Anjali | Personalized Item Suggestions | Use Preferences for Menu Recommendations |
| 22 | Refund Option | Refund Interface | Jagadeesh | Refund Request Interface | Process Refund Requests |
| 23 | Filter in Order Management | Order Status Filter | Sushmitha | Filter Dropdown | Filter Orders by Status |
| 24 | Sort by Date Option | Order Sorting | Sushmitha | Sorting Options | Implement Order Sorting |
| 25 | Sales History & Visualization | Sales Dashboard, Visualization Charts | Sushmitha | Dashboard, Charts | Fetch Sales Data, Create Visualization Charts |

1. **Functionality:** Defines the core capabilities that the "Aha - World of Taste" restaurant website will offer, ranging from menu exploration to order tracking.
2. **Sub-Functionalities & Details:** Offers an in-depth view of the individual components encompassed within each main functionality, ensuring comprehensive coverage of all aspects.
3. **Teammate:** Assigns specific team members to each functionality, promoting a cohesive and collaborative environment to ensure successful implementation.
4. **Interfaces/GUI:** Highlights the interactive interfaces and graphical elements that users will engage with, shaping the visual essence of the website's user experience.
5. **API Calls:** Lists the pivotal API interactions required for seamless communication between different facets of the website, enhancing data exchange and functionality.

Top of Form