**Project Milestone- 01**

**App Name:** Restaurant Booking App

**Team No: 02**

**Team Members:**

Shilpa Yaramala

Greeshma Jale

Sailaxmi Veldanda

1. **What app are you planning to develop? Who are the target users of your app?**

**App Description:** The Restaurant Table Booking App is a mobile application designed to simplify the process of dining by making it easy for users to locate, reserve, and enjoy meals at their selected restaurants. With the help of this app, users can easily find restaurants, reserve tables, browse various dining alternatives, obtain nutritional information, and choose what to eat in a healthy way. We want to include the two specified extra functionalities in our app.

1. **Interactive Dining Experience and Table Selection:**

**Package:** Core Motion

**Description:** Users will be able to use motion gestures to select their preferred eating table and interact with restaurant layouts utilizing this functionality. To move around the virtual eating space and find a table suitable for their tastes, users can tilt and turn their devices.

1. **Nutritional Information and Healthy Dining**

**Package:** HealthKit

**Description:** The users using this feature can view crucial nutritional information about the foods that are on the menu using HealthKit. It is possible to view information on a dish's ingredients, calories, and allergy content. When ordering food, this enables users to choose options that are healthier.

**Target Users:**

People who use restaurant table booking apps come from different walks of life and have different requirements. Some people are regular restaurant customers who would like to book restaurant tables for themselves and their families or for special occasions. Some people are food enthusiasts who like to try new things and want to discover good restaurants. Some people are tourists who are visiting new places and would like to find local restaurants. Some people who plan events or parties would also find the app useful. So, restaurant table booking apps are useful for many people who want to easily book restaurant tables.

1. **What specific features do you intend to implement?**

In the app that we want to develop, some of the specific features that we implement are.

1. **Table Booking and Reservation:** Users can browse restaurants, view availability, and make table reservations.
2. **Restaurant Discovery and Reviews:** Users can explore various restaurants, read reviews, and see ratings.
3. **Special Offers and Discounts:** The app displays exclusive deals and promotions from restaurants.
4. **Interactive Table Selection:** Users can interactively choose dining tables using motion gestures.
5. **Nutritional Information:** Access to detailed nutritional data for menu items.
6. **Health-Conscious Dining**: Promotes healthy dining choices based on nutritional information.
7. **Define roles and responsibilities of each member in your team?**

**IOS Developer: Greeshma, Jale**

1. App Development
2. Feature Implementation
3. Testing and Debugging
4. Collaboration

**UI/UX Developer: Sailaxmi, Veldanda**

1. User- Centric Design
2. Wireframing and prototyping
3. Consistency
4. Usability testing

**Backend Developer: Shilpa, Yaramala**

1. Data Management
2. Integration
3. Performance and Scalability
4. Server- Side Development