Document :

System Requirement Specification (SRS)

Client :

Chef’s, Customers.

Team:

Direct customer, Indirect Customer, Software Architect, Quality Assurance, Bussiness Analyst, Software testing.

Objective (purpose) :

Meal Magic is designed to create a platform which will act as a bridge, connecting chefs and consumers, enabling users to hire profession chefs/home cooks to prepare their favorite meals in the comfort of their own homes in their budget. It not only allows chefs to demonstrate their skills to a broader audience but also provides an avenue for home cooks to generate income by offering their cooking services.

Scope :

User’s and chef’s will have profiles with relevant information. User’s will be able to browse various categories of food and select a chef based on their budget ,location and ratings.The booking can be done on a monthly, per meal, or per day basis. Chefs have the flexibility to accept or reject requests based on their availability. Chefs can manage grocery items if users don't have the required ingredients and will upload the grocery bill on the application for reimbursement. Users can provide reviews and ratings for the chefs. Chefs can showcase their work by uploading pictures of their dishes. Users can see the availability of chefs 24/7 and need to book a chef at least 2 hours prior.

Functional Requirements:

User Profile Management:

Users can create accounts with unique usernames and passwords.Email verification for account activation.Password recovery mechanism.Users can provide and edit personal information.

Users can set their budget preferences.Users can view and provide ratings and reviews for chefs.

Users must provide essential details during registration, such as name, contact information, and address.

Two-factor authentication for enhanced security.Ability to upload a profile picture.Users can view past and upcoming bookings with details such as date, time, and chef information.

Chef Profile Management:

Chefs can create accounts with unique usernames and passwords.Email verification for account activation.Password recovery mechanism.Chefs can provide and edit personal information, specialization, and experience.Chefs can upload pictures of their dishes for a portfolio also add their experience.Chefs can set their availability schedule.Chefs can mark periods of unavailability.Chefs can accept or reject booking requests based on their availability.

Booking System:

Users can browse various categories of chef based on thier speciality of food preferences.Users can search for chefs based on budget and ratings.Users can book chefs on a monthly, yearly, per meal, or per day basis.Users need to book a chef at least 2 hours prior to the desired cooking time.

Grocery Management:

Chefs can check the availability of ingredients in users' kitchens.

If ingredients are missing, chefs can manage grocery items if required by user.Chefs can upload grocery bills for reimbursement by users.Users can provide reviews and ratings for chefs.

Reviews should include feedback on the meal, service, and overall experience.

Booking Confirmation:

Users receive confirmation notifications upon successful bookings.

Chefs receive booking requests and confirmations.

Non Functional Requirements :

Security:

- Internal communication channels between servers (web, app, database) are secure.

- Product details and all information are only accessible to registered users.

- Customer details are managed and reviewed by managers exclusively.

- Authentication is required for every user accessing the system.

- Sensitive data is always transmitted in an encrypted form.

- Alterations to system data permissions are the responsibility of the system's data administrator.

Availability:

- Information remains consistently available for authorized users, ensuring reliable access.

Maintainability:

- Software maintenance is carried out in response to customer requests for additional features and functionalities.

- Software updates coincide with system hardware upgrades.

- Separate environments are maintained to isolate the system for production, testing, and development purposes.

Durability:

- The system retains customer information for an extended period.

- The software can be adapted to align with evolving business needs.

Efficiency:

- The system permits a maximum number of customers to book multiple products concurrently and view them.

- The system permits customer to cancel the order within 30 min of placing order.