Events Booking Documentation

Objectives

The primary objective of this project is to create a seamless and user-friendly platform for booking tickets to events, across various locations. The application is designed to provide users with a highly personalized experience, enabling them to register, log in, and receive recommendations tailored to their interests and browsing history. Through an intuitive interface, users can browse and filter events by category, language,date, and location, helping them easily discover relevant events nearby.

This platform streamlines the event-booking process with Additionally, users can pre-purchase food and beverage combos to enhance their event experience. The payment process is simplified through multiple payment options and support for promo codes and discounts, ensuring a flexible and secure transaction.

Once booking is complete, users receive digital tickets through email, SMS, and within the app, along with QR codes where applicable, facilitating smooth entry. The platform also includes notifications and reminders, keeping users informed of any updates or changes to their booked events. Post-event, users are encouraged to rate and review their experiences, which contributes to improving recommendations for future users. The project aims to deliver a reliable, enjoyable, and efficient ticketing experience that combines entertainment with convenience and personalized service for users.

User Management Module

- User Registration/Login: Register or sign in via email, phone, or social media.
- Profile Management: Allows users to manage personal information and preferences.
- Authentication and Authorization: Secures user data and access.

User Interface & User Registration/Login

- **Homepage**: Users can explore events based on their current location.
- **User Registration/Login**: Users can create an account using email, phone number, or social media for a personalized experience.
- **Personalized Recommendations**: customizes recommendations based on the user's location, browsing history, and preferences.

Event Management Module

- Event Categories: Organizes events by type.
- Event Details: Displays event information such as description, venue, date, and time.
- Search and Filter: Allows users to search for events and apply filters by category, language, date, and location.

Browsing & Selecting Events

- **Categories**: Users can select Events, and Within each Event, they can filter by language, date, or location.
- Search and filter by date, location, language, to find relevant options.

Seat Selection Module

- Seats types : premium Seats and non premium and Couple Seats etc
- Seat Reservation: Temporarily holds seats for users during the booking process.

Movie/Event Selection

- **Select Event Details**: Once a user selects aEvent, they can choose Eventtime, and date.

Food and Beverage Module

- Menu Display: Lists available food and beverage items for pre-purchase.
- Combo Offers: Provides bundled food and beverage deals for convenience.
- Cart Management: Allows users to add or remove items from their order.

Booking and Payment Module

- Ticket Booking Process: Manages selection, review, and confirmation of tickets.
- Payment Gateway Integration: Supports multiple payment options like credit/debit cards, UPI
- Promo Codes and Discounts: Applies available offers and discounts during checkout.

Booking Tickets

- **Seat Selection**: After choosing a showtime, users select seats in the interactive seating map, which displays available, occupied, and premium seats.
- **Food & Beverage Add-ons**: The app often offers add-ons like popcorn and drinks that users can purchase in advance.
- **Payment Options**: provides various payment methods, including credit/debit cards, UPI. Users can also apply promo codes and discounts during checkout.

Ticket Management Module

- Digital Ticket Generation: Generates digital tickets with a QR code for event entry.
- Delivery Options: Sends tickets via email, SMS, and in-app storage.

Review and Feedback Module

- Post-Event Reviews: Allows users to rate and review events they attended.
- Feedback Collection: Collects user feedback to improve recommendations and event experiences.

Admin and Event Organizer Module

- Event Management Dashboard: Allows admins or organizers to create and manage events.
- Ticket Sales Tracking: Monitors ticket sales, seating availability, and revenue reports.
- User and Booking Management: Tracks user activity, handles cancellations, and manages refunds if applicable.

Analytics and Reporting Module

- User Engagement Analytics: Tracks user activity, preferences, and booking patterns.
- Event Insights: Provides reports on popular events, peak booking times, and revenue.
- Feedback Analysis: Collects data from reviews and ratings to improve recommendations.

Estimated time :

Frontend Development : 14 working days

Backend Development : 12 working days

Frontend and Backend Interaction : 3 working days

Mail setup and server setup : 2 days

Total Estimation : 25 working days