**Hotel Table Booking System**

Objective:

The objective of this project is to develop a table booking system for a restaurant within a hotel, allowing customers to make reservations for dining.

Features:

* **User Registration:** Provide an option for users to register/login to the system to make table reservations.
* **Table Selection:** Allow users to view available tables on specific dates and times and select their preferred table.
* **Reservation Management:** Enable users to book tables for a specified date, time, and number of guests. Also, allow for the modification and cancellation of reservations.
* **Availability Calendar:** Display a calendar view to show the availability of tables for different dates and times.
* **Confirmation and Notifications:** Send confirmation emails or SMS notifications to users upon successful table bookings.
* **Admin Dashboard:** Provide an administrative dashboard for restaurant staff to manage table reservations, view booking details, and update table availability.
* **Reporting:** Generate reports on daily/weekly/monthly table bookings, revenue generated, and other relevant metrics.

Deliverables:

1. User Interface Designs and Prototypes
2. Database Schema Design
3. Frontend and Backend Development
4. Integration with Booking APIs (if applicable)
5. Testing and Quality Assurance
6. Deployment and User Training
7. Documentation and Support

Acceptance Criteria

- The platform should meet all specified features and functionalities as outlined in the requirement document.

- It should undergo thorough testing to ensure usability, performance, and security.

- Trainers should review and approve the final version.