

THE ISLAMIA UNIVERSITY OF BAHAWALPUR



Department of *Information Technology*

Project Proposal

(SCOPE DOCUMENT)

For

Hotel Booking System

Version 1.0

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Project Proposal: Hotel Booking Management System

1. Project Title:

Hotel Booking Management System

2. Introduction:

The Hotel Booking Management System is designed to simplify and automate the process of hotel room reservations. It enables customers to book rooms online and allows hotel staff to manage bookings efficiently. The system aims to reduce manual work, avoid booking conflicts, and enhance customer satisfaction by providing a user-friendly interface.

3. Objectives:

- To develop an easy-to-use platform for booking and managing hotel rooms.
- To maintain accurate records of customers, rooms, and payments.
- To minimize human errors in the booking process.
- To provide real-time room availability and booking confirmation.
- To improve hotel administration efficiency through automation.

4. Scope:

The system will handle room booking, check-in/check-out, room availability, and customer details. It will support different room types, payment records, and reports for management. Both customers and administrators will have separate login access.

5. Features:

- User Registration and Login
- Room Search and Availability Check
- Online Booking and Payment
- Booking Confirmation and Receipt Generation
- Admin Dashboard for Room and Customer Management
- Reports on Bookings, Payments, and Room Occupancy

6. Tools and Technologies Used:

Frontend: HTML, CSS, JavaScript

Backend: Python (Django) / PHP

Database: MySQL

Platform: Web-based application

7. Expected Outcomes:

- Fully functional hotel booking management system.
- Reduced manual workload and human errors.
- Enhanced customer experience through quick and reliable booking service.

- Efficient data management and reporting system.

8. Conclusion:

This project will provide a complete and efficient solution for managing hotel bookings. It will be beneficial for both customers and hotel administrators, ensuring smooth operation, accuracy, and time savings.