

I Hotel management System

I Introduction

- 1.1 Purpose of this document - the main aim of the document is to summarize the requirements and specifications of a Hotel management system. It acts as a guide to the development team and outlines functionalities, objective and constraints.
- 1.2 Scope of document: Describes the functions such as reservation management, billing, guest services and room inventory.
- 1.3 Overview: The system is designed to streamline various hotel operations such as reservation management, guest check-in/out, room service, etc.

2 General description

- The hotel management system will cater to the needs of hotel staff and guests, providing intuitive interfaces. It will include features such as:
 - Reservation management - Allows guests to make reservations online or in person quickly and efficiently.
 - Guest services: Provides check-in & check-out functionalities, services, etc.
 - Billing: Generate invoices, process payments.

3 Functional Requirements

- Allow guests to make online res.
- Manage room availability.
- Generate invoices, process payments.

4 Interface requirements

- Integration with payment gateways
- Intuitive booking interfaces

5 Performance requirements

- Should be able to handle high traffic
- Response time should be minimal
- System should be reliable

6 Design formalities

- System should comply with industry standards.
- System should be compatible w/ current software and hardware

7 Non functional attribute

- Security
- Scalability
- Portability
- Reliability

8 Preliminary schedule and budget

- Development timeline: 6 months
- Estimated budget ₹ 1,00,000