- HOTEL MANAGEMENT SYSTEM

Problem statement → The Hotel management system aims to streamline operations by automating tasks such as reservation management, room assignment and reporting.

1. Introduction

1.1 Purpose of this document: The main aim of the document is to summarize the requirements & specifications of a HMS. It acts as a reference & guide to the development team.

1.2. Scope of the document: Describes the functions such as: Reservation, billing, guest services & inventory

1.3. Overview: The system is designed to streamline various hotel operations such as reservation management, guest check-in/out, room service

2. General Description

→ The HMS will cater to the needs of hotel staff & guests, providing intuitive interfaces. It'll include features such as

- Reservation management
- Guest Services
- Billing

3. Functional Requirements

- Allow guests to make online reservations
- Manage room availability
- Generate invoices, & process payments

4. Interface Requirements

→ Integration with payment gateway
→ Intuitive booking interfaces

5. Performance Requirements

→ should be able to handle high traffic
→ Fast response time. & reliable.

6. Design constraints

- System should comply with industry standards
- System should be compatible with software 'OS.

7. Non-functional attributes

- Security
- Scalability
- Portability
- Reliability

8. Preliminary schedule & Budget

- Development timeline: 6 months
- Estimated budget: ₹.50,000