

Hotel Management System

Problem Statement: The purpose of this document is to define the requirements for a Hotel Management System. It outlines the system's goals and features, including its functional and non-functional requirements, design constraints, and preliminary schedule and budget.

Scope: This document describes the requirements for a Hotel Management software system that will enable hotels to manage their reservations, guest information, inventory, billing and payments, reporting and analytics, integration with other systems, staff management, and loyalty program management. The system should be user-friendly, efficient, and reliable.

Overview: The Hotel Management Software system is designed to provide hotels with a comprehensive solution for managing their day-to-day operations. The system will be developed with modern technology and will be easily integrated with other systems used by the hotel.

General Description: The Hotel Management software system will provide hotels with a user-friendly interface to manage their reservations, guest information, billing and payments, reporting and analytics, staff management, and loyalty program management. The system will also provide a centralized database for storing and retrieving information.

Functional Requirements:

- room reservation management
- guest information management
- inventory management
- billing & payment management
- Reporting & analytics
- integration & 3rd party systems
- staff management
- loyalty program management

Interface Requirements: The Hotel Management software system should be able to communicate with other systems using standard interfaces such as APIs or web services. The system should also provide a user-friendly interface for hotel staff & customers.

Performance Requirements: The Hotel Management software system should be able to handle a large number of simultaneous users and provide fast response times. The system should also be scalable to accommodate future growth.

Design Constraints: The Hotel management software system should be designed using modern technology & should be easily scalable & maintainable. The system should also be easy to use, accessible & provide good performance.

Preliminary Schedule & Budget: The development of the Hotel Management software system will take approximately 12 months & will require a budget of \$500,000. The schedule & budget will be reviewed periodically to ensure that the project stays on track.