Hotel Management

1) Introduction

1.1 Purpose of this Document :

The purpose of this document is to define the requirements for a Hotel Management software system. It outlines the system's goals and features, including its functional and non-functional requirements.

1.2 Scope of this Document :

This document describes the requirements for a Hotel Management software system that enables hotels to manage their reservations, guest information, inventory, billing and payments, reporting and analytics, integration with the other systems and loyalty program management.

1.3 Overview :

The Hotel Management software system will provide hotels with a user friendly interface to manage their reservations, guest information, inventory and loyalty program management. The system will also provide a database for storing and retrieving information

2) General Description :

The Hotel Management software system will provide hotels with a ui to manage their reservations, guest information, inventory, billing, staff management and loyalty program management. The system will also provide a centralised database for storing and retrieving information.

3) Functional Requirements:

The functional requirements for the Hotel Management software system include :

Room reservation management
Guest information management.
Inventory management.
Billing and payment managent.
Staff management.
Loyalty program management.

4) **Interface Requirements.**

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

5) **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.

6) **Design Constraints :**

The Hotel Management software system should be designed using modern technology and should be easily scalable and maintainable. The system should also be designed to ensure data security and privacy.

7) **Non - Functional Attributes.**

The Hotel Management software system should be reliable, secure, and portable. The system should also be easy to use, accessible and provide good performance.

8) **Preliminary Schedule and Budget:**

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