

Software Requirement Specification

Hotel Management System

9 Date

1) INTRODUCTION

1.1 purpose of Document

This document aims to highlight the requirements required to build a Software for hotel management system. The attributes required to create a software that facilitates a hotel's reservation management and administrative tasks.

1.2 Scope of this document

This document encompasses the requirement specification for a HMS software. It aims to give a brief overview of the functionalities, requirements and its constraints. It outlines the estimated development time and cost.

1.3 Overview

The HMS provides a software hotel details, facilitates transactions and manage room reservations. It also provides outlook to manage functionalities such as housekeeping, frontend amenities, guest check-in/check-out and more.

2) General Description

The system will enable hotel staff to efficiently manage reservations, automate check-in/check-out process, track guest preferences, generate accurate billing and account comprehensive reporting tools.

3) Functional Requirements

- Reservation management
- Guest management
- Billing and Payment
- Reporting and analytics
- Customer support
- Room availability checker

4] Interface Requirements

4.1 user interface

The UI should be web based, intuitive, and easy to navigate, ensuring a seamless user experience across different devices.

4.2 External System Interface

The system need to interface with external system like

- Payment Gateway
- Property Management System
- Channel management system

5] Performance Requirements

- Response Time
- Availability
- Capacity

6] Design constraints

- Technology Stack
- Hardware Limitations
- Security compliance

7] Non functional Attributes

- Security
- Reliability
- Usability
- Maintainability

8] Preliminary Schedule and Budget

8.1 schedule

The estimated initial duration of this HMS project is 3 months.

A detailed timeline will be provided further as we progress.

8.2 Budget

estimated Budget is £ 50,000, more detailed financial plan will be provided later.

Requirement phase - £ 10,000

Design and implementation - £ 20,000

Verification and Validation - £ 15,000

Evolution & testing - £ 15,000