① Hotel Management System – SRS Document

1. Introduction

1.1 Purpose

The purpose of this document is to provide a detailed Software Requirements specification for the Hotel Management System (HMS).

1.2 Scope

HMS will automate key functions within a hotel or resort environment. The system will be used by hotel staff, including receptionists, managers & administrative personalls.

1.3 Overview

This document provides a detailed descriptions of system's functionalities, system interfaces, design constraints, performance needs & more.

2. General Description

It is intended to automate hotel operations & provide an integrated platform for managing reservations, billing, room availability.

3. Functional Requirements

3.1 Reservation Management
3.2 Guest Check In/Check Out
3.3 Billing and Payment
3.4 Reporting
3.5 Room Management

4. Interface Requirements

4.1 User Interface
4.2 Hardware Interface
4.3 Software Interface

5. Performance Requirements

5.1 Response Time
5.2 Throughput
5.3 Availability

6. Design Constraints

6.1 Scalability
6.2 Data Privacy
6.3 Modular Architecture

7. Non-functional Attributes

7.1 Reliability :- Minimum downtime & recover quickly from failure.
7.2 Usability :- Easy to use
7.3 Security :- Encrypted data transfer
7.4 Maintainability.

8. Preliminary schedule and Budget.

8.1 Schedule   PTO

8. Preliminary Schedule & Budget

Phase	Duration	Estimated Cost
Requirement Analysis	2 weeks	$2000
Design	3 weeks	$3000
Development	8 weeks	$12000
Testing	4 weeks	$4000
Deployment & Training	2 weeks	$2000
Total	19 weeks	$23000