Software Requirements Specification

June 21, 2020

Web Publishing System

<<Any comments inside double brackets such as these are *not* part of this SRS but are comments upon this SRS example to help the reader understand the point being made.

Refer to the SRS Template for details on the purpose and rules for each section of this document.

This work is based upon the submissions of the Spring 2004 CS 310. The students who submitted these team projects were Thomas Clay, Dustin Denney, Erjon Dervishaj, Tiffanie Dew, Blake Guice, Jonathan Medders, Marla Medders, Tammie Odom, Amro Shorbatli, Joseph Smith, Jay Snellen, Chase Tinney, and Stefanie Watts. >>

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# 1.0. Introduction

## 1.1. Purpose

The purpose of this document is to present a detailed description of the Hotel Booking System. It will explain the purpose and features of the system, the interfaces of the system, what the system will do, the constraints under which it must operate and how the system will react to external stimuli. This document is intended for both the stakeholders and the developers of the system and will be proposed to the Regional Historical Society for its approval.

## 1.2. Scope of Project

The introducing software, Hotel Management System which is going to be implemented will automate the major operations of the hotel. The Reservation System is to keep track in room and hall reservation and check availability. The Room Management System is for manage all room types room services. The Inventory Control System will keep track in all inventories of the hotel and guest details will handled by guest management. Administration department will monitor the all. There is three End Users for HMS. The End Users are Owner, Manager and Receptionist. Owner can access to all system functionalities without any restrictions. Manager can access to all system functionalities with limited restrictions. Receptionist can only access to the Reservation management section. To keep restrictions for each End User levels HMS can create different Login functions.

The objectives of the automated Hotel Management System is to simplify the day to day processes of the hotel. The system will be able to handle many services to take care of all customers in a quick manner. As a solution to the large amount of file handling happening at the hotel, this software will be used to overcome those drawbacks. Safety, easiness of using and most importantly the efficiency of information retrieval are some benefits the development team going to present with this system. The system should be user appropriate, easy to use, provide easy recovery of errors and have an overall end user high subjective satisfaction.

## 1.3. Glossary

|  |  |
| --- | --- |
| **Term** | **Definition** |
| Manager | Person managing the hotel system |
| Database | Collection of all the information monitored by this system. |
| Owner | Person who controls the system |
| Recipient | Person who receipt guests and find rooms for them |
| Guest | Anyone visiting the hotel to stay. |

## 1.4. References

IEEE. *IEEE Std 830-1998 IEEE Recommended Practice for Software Requirements Specifications.* IEEE Computer Society, 1998.

## 1.5. Overview of Document

The next chapter, the Overall Description section, of this document gives an overview of the functionality of the product. It describes the informal requirements and is used to establish a context for the technical requirements specification in the next chapter.

The third chapter, Requirements Specification section, of this document is written primarily for the developers and describes in technical terms the details of the functionality of the product.

Both sections of the document describe the same software product in its entirety, but are intended for different audiences and thus use different language.

# 2.0. Overall Description

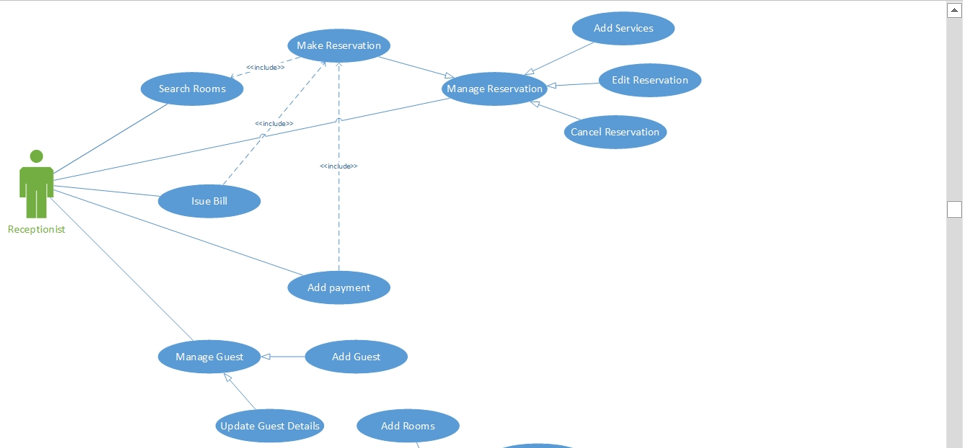
## 2.1 System Environment

The Hotel Management System has three active actors and one cooperating system.

The Receptionist who receipt guests and find room for them , Manager manages rooms and staff , and Owner

## 2.2 Functional Requirements Specification

### 2.2.1 Recipient Use Case



#### Use case: Search Rooms

**Brief Description**

The recipient search for an appropriate room for the new guest considering the Period, Check-in, Check-out, Guest

#### Use case: Issue Bill

**Brief Description**

Recipient issues a validated printed bill contains Billing no, Quantity, Price, Taxes, Date, Services, Unit

#### Use case: Add Payments

The Recipient records the new payments in the database as Total, pay time, Credit card details

### 2.2.2 Manager Use Case

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#### Use case: Manage Rooms

**Brief Description**

The Manager Adds, deletes, and edit details for a room

#### Use case: Manage staff

**Brief Description**

The Manager Adds, deletes, and edit details for staff

#### Use case: Manage inventory

**Brief Description**

The Manager Adds, deletes, and edit details for items in inventory

#### Use case: Reports

Manager makes daily financial reports