Software Requirements Specification

for

Hotel Management

Version 1.0 approved

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Revision History

Name	Date	Reason For Changes	Version

1. Introduction

1.1 Purpose

The Software Requirements Specification (SRS) will provide a detailed description of the requirements of the Hotel Management System (HMS). This SRS will allow for a complete understanding of what is to be expected from the newly introduced system which is to be constructed. The clear understanding of the system and its' functionality will allow for the correct software to be developed for the end user and will be used for the development of the future stages of the project. This SRS will provide the foundation for the project. From this SRS, the HMS can be designed, constructed and tested.

This SRS will be used by the system development team which is constructing the HMS and the hotel end users. This will be used to fully understand the expectations of this HMS and construct the appropriate software. The hotel end users will be able to use this SRS as a "test" to see if their needs have been satisfied. If not, they can specify how it is not to their liking and the SRS will be changed to fit the needs.

1.2 Document Conventions

This document is prepared using Microsoft Word 2007 and has used the font type 'Times New Roman'. The font size used is 12pt everywhere except for headings where 14pt and 18pt is used. Line spacing is 1.5. The bold property has been used for headings.

1.3 Intended Audience and Reading Suggestions

This SRS is intended for

- Developers who can review project's capabilities and more easily understand where their efforts should be targeted to improve or add more features to it.
- Project testers who can use this document as a base for their testing strategy as some bugs are easier to find using a requirements document. This way testing becomes more methodically organized.

- End users of this application (like hotel managers, receptionists and clients) who wish to read about what this project can do.

1.4   Product Scope

The HMS project is intended for the online reservations of rooms in a hotel. The HMS will have three end users: customer, receptionist and hotel manager. Customers will be able to check for availability of rooms, select the rooms and pay for the room. Receptionist will have access to update or modify the booking details. Manager will be able to view the financial report and update room information like cost and category.

The main goal is to simplify the everyday process of hotel booking. The number of hotels are increasing and they need to automate to provide customer ease of access. It will be able to take care of services to customer in a quick manner. This automation will be able to replace the drawbacks of large customer information physical files which were difficult to handle. Various advantages of this are:

- Convenience: Rooms can be booked at home itself, without going anywhere
- Saves time and effort: Time needed to go to the hotel and book rooms is saved.
- Towards a greener planet: Instead of printing receipts and maintaining hard copies, everything is done online so paper is not wasted.
- Improved and optimized service

1.5   References

<List any other documents or Web addresses to which this SRS refers. These may include user interface style guides, contracts, standards, system requirements specifications, use case documents, or a vision and scope document. Provide enough information so that the reader could access a copy of each reference, including title, author, version number, date, and source or location.>