Hotel Manager

Supplementary Specification

Version 1.0

Revision History

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Supplementary Specification

# Introduction

The introduction of the **Supplementary Specification** provides an overview of the entire document.

The **Supplementary Specification** captures the system requirements that are not readily captured in the use cases of the use-case model. Such requirements include:

Legal and regulatory requirements, including application standards.

Quality attributes of the system to be built, including usability, reliability, performance, and supportability requirements.

Other requirements such as operating systems and environments, compatibility requirements, and design constraints.

# Non-functional Requirements

## Availability

The application is available 99% of the time..

## Performance

The application’s response time is below 200 ms for 95% of the requests

## Security

The application’s security is assured by authentication and authorization, password hashing and encryption of sensitive information

## Testability

The number of defects is under 5

## Usability

The application has a user-friendly interface, appropriate for people of all ages

# Design Constraints

For designing this application we consider the following constraints: C# and .NET framework for implementation.