Software Requirements Specification

Version 1.0

Submission Date

Project Title

Submitted in partial fulfillment

Of the requirements of

CS 223 Software Engineering

This work is based upon the submissions of the course Software Engineering (CS223). The students who submitted this team projects were << Name of the team members>>.

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# 1.0. Introduction

## 1.1. Purpose

The purpose of this document is to ….

## 1.2. Scope of Project

This software system will be designed to ….

## 1.3 Constraints

## 1.4 Assumptions and Dependencies

## 1.3. Glossary

|  |  |
| --- | --- |
| **Term** | **Definition** |
|  |  |

## 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 rest of the document is designed in the following way:

# 2.0. Overall Description

## 2.1 System Environment

<< Keep blank for the time being >>

## 2.2 Functional Requirements Specification

. << Keep blank for the time being >>

### 2.2.1 Use case 1

#### Use case:

**Diagram:**

**Brief Description**

**Initial Step-By-Step Description**

## 2.3 User Characteristics

The user of this software system requires the following skills to use this software

## 2.4 Non-Functional Requirements

# 3.0. Requirements Specification

## 3.1 Functional Requirements

### 3.1.1 << Name of the first feature>>

|  |  |
| --- | --- |
| **Use Case Name** |  |
| **Trigger** | << Which event is responsible for the feature to activate this feature>> |
| **Precondition** | << What are the conditions for the trigger>> |
| **Basic Path** | 1. << Write down the steps related to this feature>> |
| **Alternative Paths** | << Apart from the basic path, is there any other path following which the same task can be achieved>> |
| **Postcondition** | << Result of this feature>> |
| **Exception Paths** |  |
| **Other** | << Any other important information>> |

### 3.1.2 << Name of the second feature>>

|  |  |
| --- | --- |
| **Use Case Name** |  |
| **Trigger** | << Which event is responsible for the feature to activate this feature>> |
| **Precondition** | << What are the conditions for the trigger>> |
| **Basic Path** | 1. << Write down the steps related to this feature>> |
| **Alternative Paths** | << Apart from the basic path, is there any other path following which the same task can be achieved>> |
| **Postcondition** | << Result of this feature>> |
| **Exception Paths** |  |
| **Other** | << Any other important information>> |

## 3.3 Detailed Non-Functional Requirements

### ***3.4 Logical Structure of the Data***

<< Keep this blank for the time being>>

# 4.0 Supporting information

## 4.1 Table of contents and index

## 4.2 Appendixes