Software Requirements Specification

For

<Project Name>

Version 1.0 approved

Prepared by <author>

<organization>

<date created>

Table of Contents

Table of Contents ii

Revision History ii

1. Introduction 1

1.1 Purpose 1

1.2 Document Conventions 1

1.3 Product Scope 1

1.4 References 1

2. System Description 2

3. Functional Requirements 3

3.1 System Features 3

3.1.1 System Feature 1 3

3.1.2 System Feature 2 3

3.2 Use Cases 3

3.2.1 Use Case Diagrams 3

3.2.2 Use Case 1 3

3.2.3 Use Case 2 3

3.3 Entity Relationship Diagrams 3

3.4 Data Dictionary 3

3.4.1 Entity 1 3

3.4.2 Entity 2 3

4. External Interface Requirements 4

5. Technical Requirements ( Non functional ) 5

5.1 Performance 5

5.2 Scalability 5

5.3 Security 5

5.4 Maintainability 5

5.5 Usability 5

5.6 Multi lingual support 5

5.7 Auditing and Logging 5

5.8 Availability 5

6. Open Issues 5

Appendix A: Glossary 5

Appendix B: Analysis Models 5

Appendix C: To Be Determined List 6

# Introduction

## Purpose

<Identify the product whose software requirements are specified in this document, including the revision or release number. Describe the scope of the product that is covered by this SRS, particularly if this SRS describes only part of the system or a single subsystem.>

## Document Conventions

<Describe any standards or typographical conventions that were followed when writing this SRS, such as fonts or highlighting that have special significance. For example, state whether priorities for higher-level requirements are assumed to be inherited by detailed requirements, or whether every requirement statement is to have its own priority.>

## Product Scope

<Provide a short description of the software being specified and its purpose, including relevant benefits, objectives, and goals. Relate the software to corporate goals or business strategies. If a separate vision and scope document is available, refer to it rather than duplicating its contents here.>

## 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.>

# System Description

<This section contains detail description of the software system that is being built. It can contain a sub section that tell about existing system and then followed by proposed system details. If relevant, this section also contains business details such as organizational hierarchy. Basically provide details that are necessary for the functional requirement section which follows this.>

# Functional Requirements

<This section contains system requirements followed by various requirement models which can be used for detailed design. In addition to the following section you can also add process flow diagrams, data flow diagrams, flow charts and decision tables if required>

## System Features

<This section specifies the high level system features required in the software product. Each requirement given below is unique>

### System Feature 1

### System Feature 2

## Use Cases

### Use Case Diagrams

<One or more diagrams indicating, how the actors interact with software system.>

### Use Case 1

<This provides the detailed description of use case. Usually it is captured in the following table format. Add more rows or remove rows according to your specific requirements>

### Use Case 2

## Entity Relationship Diagrams

<One or more diagrams to depict all the entities in the system and their relationships. You can use different notations of ER diagrams.>

## Data Dictionary

### Entity 1

<A brief description of all the entity followed by table containing all its attributes as shown below.>

### Entity 2

# External Interface Requirements

<Provide sub section for each external interface. Identify all the input and output from external interfaces. >

# Technical Requirements (Non functional)

<Please note all the following sub sections may not be needed for a system. Sometimes you will have to add additional sections (for example Legal Requirements) >

## Performance

<For example, What is the response time required? >

## Scalability

<For example, How many users must the system support after two years of operation? >

## Security

<For example, What Is data encryption required? >

## Maintainability

## Usability

## Multi lingual support

<For example, What languages the software system support? >

## Auditing and Logging

## Availability

# Open Issues

<There could be open issues even at the end of requirement elicitation. List all of them here so that it can be tracked and closed later. Some of these issues might become project risk as well. >