Software Requirements Specification Template

The following annotated template is intended to show the structure of an IEEE-830 compliant SRS document.

The section annotates are largely taken from the IEEE Guide to SRS, it is a short-form template created by subtracting some contents from SRS document defined by IEEE.

**Template Usage:**

Text contained within angle brackets (‘<’, ‘>’) shall be replaced by your project-specific information and/or details. For example, <Project Name> will be replaced with either ‘엘리베이터 시뮬레이션 시스템’ or ‘Elevator simulation system’

Italicized text is included to briefly annotate the purpose of each section within this template. This text should not appear in the final version of your submitted SRS.

This cover page is not a part of the final template and should be removed before your SRS is submitted.

**Software Requirement Specification  
for <PROJECT NAME>**

**Project Team**

**<TEAM NAME>**

Date

**0000-00-00**

**Team Information**

**<TEAM MEMBER NAME>**

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1. Introduction

*The introduction of the SRS should provide an overview of the entire SRS.*

* 1. Purpose

*What is the purpose of this SRS and the (intended) audience for which it is written.*

* 1. Development environments

1. Overall description
   1. Product functions

*This subsection of the SRS should provide a summary of the functions that the software will perform. Details will be provided in Section 3, so only a high-level summary is needed here. A picture of the major groups of related requirements and how they relate, such as a top-level data flow diagram or object class diagram, is often effective.*

* 1. Design and Implementation Constraints

*This subsection of the SRS should provide a description of any other items that will limit the developer’s options for design or implementation the system. These include: hardware limitations (timing requirements, memory requirements); interfaces to other applications; language requirements; communications protocols;*

* 1. Assumptions and Dependencies

*This subsection of the SRS should list each of the factors that affect the requirements stated in the SRS. These factors are not design constraints on the software but are, rather, any changes to them that can affect the requirements in the SRS.*

1. Specific requirements
   1. Interfaces
      1. User Interfaces
      2. Software Interfaces
   2. Functional requirements
      1. <Functional Requirement or Feature #1>
      2. <Functional Requirement or Feature #2>

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