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 The Luxury Elevator**

**Project Team**

**ChaAndFaces**

Date

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**Team Information**

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1. Introduction

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

* 1. Purpose

*Luxury Elevator를 구현하기 위한 요구사항을 명세한 문서이다.*

* 1. Development environments

*Development environment : Cygwin*

*Compiler : GCC*

1. Overall description
   1. Product functions
      1. 승객 호송

* + 1. VIP Mode



* 1. Design and Implementation Constraints

건물은 1~20층으로 이루어져 있다.

엘리베이터는 저층용(1~10층) 엘리베이터 2대, 고층용(11~20층) 엘리베이터 2대, 전층용(1~20층) 엘리베이터 2대 총 6대로 이루어져 있다.

초기상태에 저층용과 전층용 엘리베이터는 모두 1층에 있으며 고층용 엘리베이터는 모두 11층에 있다.

각 층에서는 위/아래 버튼이 아닌 가고자 하는 층을 선택한다.

각 층의 요청에 대해서 6대의 엘리베이터는 유기적으로 동작한다---------------//체크!!

* 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.*

Luxury Elevator 의 조작은 키보드 입력으로 한다.

버튼의 입력은 a, b, c, d이다.

1. Specific requirements
   1. Interfaces
      1. User Interfaces

입력 : 키보드의 0~9까지의 number, a, b, c, and d

출력 : 화면(console)

* + 1. Software Interfaces
  1. Functional requirements
     1. <Functional Requirement or Feature #1>
     2. <Functional Requirement or Feature #2>

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