

Testing Center Software

BYU-Idaho Software for running the Testing Center and managing tests.

Revision 1.00; September 23, 2013

CS364

**Revision History**

|  |  |  |  |
| --- | --- | --- | --- |
| Rev. | Date | Author | Note |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
| 1.00 | 09/24/2013 | Adam Harper | Initial Revision |

Contents

[1. Introduction 5](#_Toc367823279)

[1.1. Purpose 5](#_Toc367823280)

[1.1.1. Delineate the purpose of the SRS 5](#_Toc367823281)

[1.1.2. Specify the intended audience 5](#_Toc367823282)

[1.2. Scope 5](#_Toc367823283)

[1.2.1. Identify Software to be produced by name 5](#_Toc367823284)

[1.2.2. Explain what the software product will and will not do 5](#_Toc367823285)

[1.2.3. Application of the software 5](#_Toc367823286)

[1.3. Definitions, Acronyms and Abbreviations 5](#_Toc367823287)

[1.4. References 5](#_Toc367823288)

[1.5. Overview 5](#_Toc367823289)

[1.5.1. What the rest of the SRS contains? 5](#_Toc367823290)

[1.5.2. How the SRS is organized? 5](#_Toc367823291)

[2. Overall description 5](#_Toc367823292)

[2.1. Product Perspective 5](#_Toc367823293)

[2.1.1. System interfaces 5](#_Toc367823294)

[2.1.2. User interfaces 6](#_Toc367823295)

[2.1.3. Hardware interfaces 6](#_Toc367823296)

[2.1.4. Software interfaces 6](#_Toc367823297)

[2.1.5. Communication interfaces 6](#_Toc367823298)

[2.1.6. Memory constraints 6](#_Toc367823299)

[2.1.7. Operations 6](#_Toc367823300)

[2.1.8. Site adaption requirements 6](#_Toc367823301)

[2.2. Product Functions 6](#_Toc367823302)

[2.3. User Characteristics 6](#_Toc367823303)

[2.4. Constraints 6](#_Toc367823304)

[2.5. Assumptions and Dependencies 6](#_Toc367823305)

[2.6. Apportioning of requirements 6](#_Toc367823306)

[3. Specific Requirements 6](#_Toc367823307)

[3.1. External interfaces 6](#_Toc367823308)

[3.2. Functions 6](#_Toc367823309)

[3.3. Performance requirements 6](#_Toc367823310)

[3.4. Logical database requirements 6](#_Toc367823311)

[3.5. Design constraints 6](#_Toc367823312)

[3.5.1. Standards compliance 7](#_Toc367823313)

[3.6. Software system attributes 7](#_Toc367823314)

[3.6.1. Reliability 7](#_Toc367823315)

[3.6.2. Availability 7](#_Toc367823316)

[3.6.3. Security 7](#_Toc367823317)

[3.6.4. Maintainability 7](#_Toc367823318)

[3.6.5. Portability 7](#_Toc367823319)

[3.7. Organizing the specific requirements 7](#_Toc367823320)

[3.7.1. System mode 7](#_Toc367823321)

[3.7.2. User class 7](#_Toc367823322)

[3.7.3. Objects 7](#_Toc367823323)

[3.7.4. Feature 7](#_Toc367823324)

[3.7.5. Stimulus 7](#_Toc367823325)

[3.7.6. Response 7](#_Toc367823326)

[3.7.7. Functional hierarchy 7](#_Toc367823327)

[3.7.8. Additional comments 7](#_Toc367823328)

[3.8. Supporting information 7](#_Toc367823329)

[3.8.1. Table of contents and index 7](#_Toc367823330)

[3.8.2. Appendixes 7](#_Toc367823331)

# Introduction

## Purpose (Devyn) (Adam: Review) (Chris: Final Review)

### Delineate the purpose of the SRS

### Specify the intended audience

## Scope (Devyn) (Adam: Review)

### Identify Software to be produced by name

### Explain what the software product will and will not do

### Application of the software

#### Relevant benefits

#### Objectives

#### Goals

## Definitions, Acronyms and Abbreviations (All)

## References (All)

## Overview (Adam)

### What the rest of the SRS contains?

### How the SRS is organized?

# Overall description (Devyn: Draft) (Jordan: man in middle) (Chris: Final Review)

## Product Perspective

### System interfaces

### User interfaces

### Hardware interfaces

### The system shall provide information about the average waiting time before entering the line using a monitor (TV).

### Software interfaces

# The system shall provide the option to schedule tests.

# The system shall provide information about the average waiting time before entering the line.

# The system shall provide information about the average waiting time before entering the line. The user will be able to check this information in the school website.

### Communication interfaces

### Memory constraints

### Operations

### Site adaption requirements

## Product Functions

## User Characteristics

## Constraints

## Assumptions and Dependencies

## Apportioning of requirements

# Specific Requirements (Devyn: Draft) (Jordan: man in middle) (Chris: Final Review)

## External interfaces

The system shall provide information about what is required to bring to the testing center.

The system shall provide information about what is allowed to bring to the testing center.

The system shall provide information about what is not allowed to bring to the testing center.

The system shall provide information about what is required to bring to the testing center

The system shall provide information about the average waiting time before entering the line.

## Functions

## Performance requirements

## Logical database requirements

## Design constraints

### Standards compliance

## Software system attributes

### Reliability

### Availability

### Security

### Maintainability

### Portability

## Organizing the specific requirements

### System mode

### User class

### Objects

### Feature

### Stimulus

### Response

### Functional hierarchy

### Additional comments

# Supporting information

## Table of contents and index

## Appendixes