Software Requirements Specification

for

Automated Software Engineering Student Subject Evaluations

Version 1.0

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# Introduction

## Purpose of Document

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

## Scope of Project

<Describe any standards or conventions that were followed when writing this Geospatial System Requirement Specification, such as fonts or highlighting that have special significance.I can’t think of any but, if you do, here is the place to identify them.>

### Main Objective

<Describe the different types of reader that the document is intended for, such as developers, project managers, marketing staff, users, testers, etc.>

### Specific Goals

<Provide a short description of the capability being specified and its purpose, including relevant benefits, objectives, and goals. Relate the software to corporate goals and/or business strategies. If a separate vision and scope document is available, refer to it rather than duplicating its contents here. A specification that specifies the next release of an evolving product should contain its own scope statement as a subset of the long-term strategic product vision.>

## Overview of Document

<List any other documents or Web addresses to which this Geospatial System Requirement Specification refers. These may include user interface style guides, contracts, standards, system requirements specifications, use case documents, or a vision and scope document.>

# Users

## Who are Users?

<Describe the context and origin of the product being specified in this Geospatial System Requirement Specification. For example, state whether this product is a follow-on member of a product family, a replacement for certain existing systems, or a new, self-contained product. If the Geospatial System Requirement Specification defines a component of a larger system, relate the requirements of the larger system to the functionality of this software and identify interfaces between the two. A simple diagram that shows the major components of the overall system, subsystem interconnections, and external interfaces might be included. This is the section to identify the unique geospatial aspects of the capability >

## Use Cases and Use Case Diagrams

<Summarize the major features the product contains or the significant functions that it performs or lets the user perform. Details will be provided in Section 3, so only a brief high level summary is needed here. Organize the functions to make them understandable to any reader. A picture of the major groups of related requirements and how they relate, such as a top level data flow diagram or a class diagram, might be included.>

## Scenarios

<Identify the various user classes that you anticipate will use this product. User classes may be differentiated based on frequency of use, subset of product functions used, technical expertise, security or privilege levels, educational level, or experience. Describe the important characteristics of each user class. Certain requirements may pertain only to certain user classes. Distinguish the favored user classes from those who are less important to satisfy.>

# System

<This template illustrates organizing the functional requirements for the product by system features, the major services provided by the product. You may prefer to organize this section by use case, mode of operation, user class, object class, functional hierarchy, or combinations of these, whatever makes the most logical sense for your product.>

## Development Environment

## Target Environment

## Functional Requirements

### Issues

### Major Subsystems

### Major Functions

### Major Classes

### Minor System Functions

## User Interface Specifications

## Non-Functional Requirements

### Management

### Technical

### Performance

### Security

## System Evolution and Maintenance

# Other Deliverables Required

# Risks

Appendix A: Glossary

<Define all the terms necessary to properly interpret the Geospatial System Requirement Specification, including acronyms and abbreviations. You may wish to build a separate glossary that spans multiple projects or the entire organization, and just include terms specific to a single project in each Geospatial System Requirement Specification.>

Appendix B: References