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**Abstract**

The following signatures are required for approval of this document.

**Software Requirement Specification Document**

**Foxes Project**

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# Introduction.

## Purpose.

*[The introduction to the Software Requirement Specification (SRS) document should provide an overview of the complete SRS document. While writing this document please remember that this document should contain all of the information needed by a software engineer to adequately design and implement the software product described by the requirements listed in this document. (Note: the following subsection annotates are largely taken from the IEEE Guide to SRS).*

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

## Scope.

*[This subsection should:*

*(1) Identify the software product(s) to be produced by name; for example, Host DBMS, Report Generator, etc.*

*(2)Explain what the software product(s) will, and, if necessary, will not do*

*(3)Describe the application of the software being specified. As a portion of this, it should:*

*(a) Describe all relevant benefits, objectives, and goals as precisely as possible. For example, to say that one goal is to provide effective reporting capabilities is not as good as saying parameter-driven, user-definable reports with a 2 h turnaround and on-line entry of user parameters.*

*(b) Be consistent with similar statements in higher-level specifications (for example, the System Requirement Specification), if they exist. What is the scope of this software product?]*

## Intended Audiences.

*[State the information to be collected about the customers of the basic partner, or users of the vendor’s services that are relevant to this project]*

# Overall Description.

## Context.

*[This section is description about overall of system]*

## Physical Perfective.

*[This section of the SRS should describe the general factors that affect 'the product and its requirements. It should be made clear that this section does not state specific requirements; it only makes those requirements easier to understand]*

## User Classes and Characteristics.

*[This subsection of the SRS should describe those general characteristics of the eventual users of the product that will affect the specific requirements. (See the IEEE Guide to SRS for more details)]*

## Operating Environment.

*[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. For example, an assumption might be that a specific operating system will be available on the hardware designated for the software product. If, in fact, the operating system is not available, the SRS would then have to change accordingly]*

## Product function.

*[This subsection of the SRS puts the product into perspective with other related products or projects.*

*This subsection of the SRS should provide a summary of the functions that the software will perform]*

## Constraint.

*[This subsection of the SRS should provide a general description of any other items that will limit the developer’s options for designing the system.*

*Any relevant assumptions, limitations, or constraints for this component. This should include constraints on timing, storage, or component state, and might include rules for interacting with this component (encompassing preconditions, post conditions, invariants, other constraints on input or output values, exceptions, etc.)]*

### Business Constraint.

### Technical Constraint.

## Non-functional Requirement.

*[Non-functional requirements may exist for the following attributes. Often these requirements must be achieved at a system-wide level rather than at a unit level. State the requirements in the following sections in measurable terms (e.g., 95% of transaction shall be processed in less than a second, system downtime may not exceed 1 minute per day] 30 day MTBF value, etc.)]*

*[Quality attribute scenarios capture non-functional requirements of a system in terms of standard quality attributes, such as Availability, Modifiability, and so on. These are independent of specific functional requirements and describe desired qualities of a system. A complete discussion can be found in Quality Attributes]*

## Business Rule.

*[This section is description about rule which all function in system must meet]*

# Use Case.

*[This section is description about use case of system, use case diagram, use case description and scenario for each use case]*

# Revision

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