# <Project Name>

Version <x.x>

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# Written Document Assessment Rubric

|  |  |  |  |
| --- | --- | --- | --- |
| **Characteristics of a Quality SRS** | **Does Not Meet Expectations** | **Meets**  **Expectations** | **Exceeds Expectations** |
| Complete | * 0 | * 1 | * 2 |
| Consistent | * 0 | * 1 | * 2 |
| Accurate | * 0 | * 1 | * 2 |
| Modifiable | * 0 | * 1 | * 2 |
| Ranked | * 0 | * 1 | * 2 |
| Testable | * 0 | * 1 | * 2 |
| Unambiguous | * 0 | * 1 | * 2 |
| Valid | * 0 | * 1 | * 2 |
| Verifiable |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **CONTENT/RESEARCH** | **Does Not Meet Expectations** | **Meets**  **Expectations** | **Exceeds Expectations** |
| Breadth/Scope |  |  |  |
| Student use of domain specific information. | * 0 | * 1 | * 2 |
| Student uses complete and specific requirements. | * 0 | * 1 | * 2 |
| Quality |  |  |  |
| Student uses legitimate requirement descriptions. | * 0 | * 1 | * 2 |
| Student uses well-formed requirement descriptions. | * 0 | * 1 | * 2 |
| Documentation |  |  |  |
| All sources cited (if needed). | * 0 | * 1 | * 2 |
| All documentation included. | * 0 | * 1 | * 2 |
| **ANALYSIS** |  |  |  |
| Analyzes quality/relevance of data/sources. | * 0 | * 1 | * 2 |
| Is able to identify key information/data from sources to include in document. | * 0 | * 1 | * 2 |
| Builds an adequate description (evidence of inductive thinking). | * 0 | * 1 | * 2 |
| Student identifies audience/groups. | * 0 | * 1 | * 2 |
| Student appropriately targets level and needs of audience. | * 0 | * 1 | * 2 |
| **ORGANIZATION** |  |  |  |
| Introduction |  |  |  |
| Introduces structure of document to reader via appropriate mechanism (e.g., abstract, table of contents, outline). | * 0 | * 1 | * 2 |
| Introduces topic of document. | * 0 | * 1 | * 2 |
| Addresses/explains significance of topic. | * 0 | * 1 | * 2 |
| Introduces content/structure of document. | * 0 | * 1 | * 2 |
| Body/Content |  |  |  |
| Relevance – inclusion of key information/data. | * 0 | * 1 | * 2 |
| Correctness – adequate presentation of current and correct information/data. | * 0 | * 1 | * 2 |
| Appropriate use of graphical information/data (e.g., charts). | * 0 | * 1 | * 2 |
| Succinct presentation of information. | * 0 | * 1 | * 2 |
| Synthesis |  |  |  |
| Makes connections between ideas/facts/data to definition of requirements. | * 0 | * 1 | * 2 |
| Develops theme of requirements specification. | * 0 | * 1 | * 2 |
| Demonstrates appropriate/logical sequence of ideas/facts/data. | * 0 | * 1 | * 2 |
| Clarity of requirements ideas/arguments. | * 0 | * 1 | * 2 |
| Derives logical conclusions based on information/data gathered (evidence of deductive thinking). | * 0 | * 1 | * 2 |
| **Conclusion** |  |  |  |
| Summarizes key points/facts/data. | * 0 | * 1 | * 2 |

# Introduction

## Document Purpose

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

TO DO: Write 1-2 paragraphs describing the purpose of this document as explained above.>

## Product Scope

<Provide a short description of the software being specified and its purpose, including relevant benefits, objectives, and goals.

TO DO: 1-2 paragraphs describing the scope of the product. Make sure to describe the benefits associated with the product.>

## Definitions, Acronyms, and Abbreviations

<Define all the terms necessary to properly interpret the SRS, 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 SRS.

TO DO: Provide a list of all abbreviations and acronyms (glossary) used in this document sorted in alphabetical order.>

## References to Supporting Document

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

TO DO: Use the standard IEEE citation guide for this section. An example citation guide is posted for you on the website.>

## Overview of The Rest of SRS

TO DO: describe the rest of the SRS and how it is organized.

# General Description

## Product Perspective

<Describe the context and origin of the product being specified in this SRS. 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 SRS 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. In this part, make sure to include a simple diagram that shows the major components of the overall system, subsystem interconnections, and external interface. In this section it is crucial that you will be creative and provide as much information as possible.

TO DO: Provide at least one paragraph describing product perspective. Provide a general diagram that will illustrate how your product interacts with the environment and in what context it is being used.>

## Product Functionality

<Summarize the major functions the product must perform or must let the user perform. Details will be provided in Section 3, so only a high level summary is needed here. Organize the functions to make them understandable to any reader of the SRS. 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, will be effective.

TO DO:

1. Provide a bulleted list of all the major functions of the system

2. **(Optional)** Provide a Data Flow Diagram of the system to show how these functions relate to each other.>

## Users Characteristics

<Identify the various users that you anticipate will use this product. Users may be differentiated based on frequency of use, subset of product functions used, technical expertise, security or privilege levels, educational level, or experience.

TO DO:

1. Describe the pertinent characteristics of each user. Certain requirements may pertain only to certain users.

2. Distinguish the most important users for this product from those who are less important to satisfy.>

## Operating Environment

<Describe the environment in which the software will operate, including the hardware platform, operating system and versions, and any other software components or applications with which it must peacefully coexist. In this part, make sure to include a simple diagram that shows the major components of the overall system, subsystem interconnections, and external interface

TO DO: As stated above, in at least one paragraph, describe the environment your system will have to operate in. Make sure to include the minimum platform requirements for your system. >

## User Documentation

<List the user documentation components (such as user manuals, on-line help, and tutorials) that will be delivered along with the software. Identify any known user documentation delivery formats or standards.

TO DO: You will not actually develop any user-manuals, but you need to describe what kind of manuals and what kind of help is needed for the software you will be developing. One paragraph should be sufficient for this section.>

## Assumptions and Dependencies

<List any assumed factors (as opposed to known facts) that could affect the requirements stated in the SRS. These could include third-party or commercial components that you plan to use, issues around the development or operating environment, or constraints. The project could be affected if these assumptions are incorrect, are not shared, or change. Also identify any dependencies the project has on external factors, such as software components that you intend to reuse from another project.

TO DO: Provide a short list of some major assumptions that might significantly affect your design. For example, you can assume that your client will have 1, 2 or at most 50 Automated Banking Machines. Every number has a significant effect on the design of your system. >