Project Name

Software Requirement Specification (SRS)

Date: 14 JAN 2024

Preface

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# Introduction

Describes the need for the system, the system's functions, how the system fits into the overall business or strategic objectives of the organization commissioning the software and explain how it will work with other systems.

# Glossary

Defines the technical terms used in the document. You should not make assumptions about the experience or expertise of the reader.

# User Requirements Definition

Describe the services provided for the user (non-functional requirements). Description must use natural language, diagrams, or other notations that are understandable to customers. Product and process standards that must be followed should be specified.

# System Architecture

High-level overview of the anticipated system architecture, showing the distribution of functions across system modules. Architectural components that are reused should be highlighted.

# System Requirements Specification

Describes functional and non-functional requirements in more detail, further detail may also be added to the non-functional requirements. Interfaces to other systems may be defined.

# System Models

Graphical system models showing the relationship between the system components, the system, and its environment. E.g. object models, data-flow models, semantic data models.

# System Evolution

Fundamental assumptions on which the system is based, and any anticipated changes due to hardware evolution, changing user needs. This section is useful for system designers as it may help them avoid design decisions that would constrain likely future changes to the system.

# Appendices

Detailed, specific information related to the application being developed. E.g. hardware and database descriptions. Hardware requirements define the minimal and optimal configurations for the system. Database requirements define the logical organization of the data used by the system and the relationship between data.

# Index

Several indexes to the document may be included. As well as normal alphabetic index, there may be an index of diagrams, an index of functions, and so on.