# Software Requirements Specification (SRS)

**Purpose:** This document provides a comprehensive description of the intended purpose, functionality, and requirements for the software system *{projectName}*. It serves as a communication tool between stakeholders, developers, and testers, ensuring a shared understanding of both functional and non-functional expectations.

## 1. Introduction

* **Project Name:** {projectName}
* **Prepared by:** {author}
* **Version:** {version}
* **Date:** {date}

## 2. Overall Description

### 2.1 Product Perspective

{productPerspective}

### 2.2 Product Functions

{#functions}

* {description}

{/functions}

### 2.3 User Characteristics

{userCharacteristics}

### 2.4 Constraints

{#constraints}

* {constraint}

{/constraints}

## 3. Functional Requirements

|  |  |  |
| --- | --- | --- |
| **ID** | **Description** | **Priority** |
| {#functionalRequirements}{requirementId} | {description} | {priority}{/functionalRequirements} |

## 4. Non-Functional Requirements

|  |  |
| --- | --- |
| **Category** | **Requirement** |
| {#nonFunctionalRequirements}{category} | {requirement}{/nonFunctionalRequirements} |

## 5. External Interface Requirements

{#interfaces}

* **{name}:** {description}

{/interfaces}

## 6. Assumptions and Dependencies

{#assumptions}

* {assumption}

{/assumptions}

## 7. Appendices

{appendixNotes}

{#hasGlossary}

### Glossary

|  |  |
| --- | --- |
| **Term** | **Definition** |
| {#glossary}{term} | {definition}{/glossary} |

{/hasGlossary}

{^hasGlossary}

*No glossary terms provided.*

{/hasGlossary}