

Software Requirements Specification

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1 Document Control

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2 1. Introduction

2.1 1.1 Purpose

[Brief description of system purpose]

2.2 1.2 Scope

[System boundaries and constraints]

2.3 1.3 Definitions

[Glossary of terms used across requirements]

3 2. Requirements

3.1 2.1 Functional Requirements

See Functional Requirements Template for detailed specifications.

Example:

```
requirement:
  id: FR-101
  title: User Authentication
  description: >
    System must authenticate users
    before granting access
  priority: Must Have
  source: Security Policy SP-42
  verification: Security Testing
```

3.2 2.2 Non-Functional Requirements

See Non-functional Requirements Template for quality attributes.

3.3 2.3 User Stories

See User Story Template for agile requirements.

4 3. Validation Checklist

- ☐ All requirements are uniquely identified

- ☐ Each requirement is testable
- ☐ No conflicts between requirements
- ☐ All terms are defined in @sec-definitions
- ☐ Cross-references are valid
- ☐ Stakeholders have reviewed

5 4. Related Documents

- Functional Requirements: @sec-functional
- Test Cases
- Design Documents