

Software requirement specification (SRS) document template

Category

define the type of software you are going to develop, e.g., mobile/web/desktop application

Date:

specify the date of document creation

Version:

specify the product version

By:

specify the author(s) of the document



Table of contents

1 Introduction

- 1.1 Purpose
- 1.2 Target audience
- 1.3 Product value
- 1.4 Scope

2 Functional requirements

3 Non-functional requirements

- 3.1 Correctness
- 3.2 Performance
- 3.3 Reliability
- 3.4 Robustness
- 3.5 Scalability
- 3.6 Security
- 3.7 Usability

4 Third-party integrations

5 Software tools

- 5.1 Development environments
- 5.2 Version control systems
- 5.3 Interface editors
- 5.4 Database editors
- 5.5 Tools for testing
- 5.6 Frameworks

6 Deadlines (optional)

7 Definitions and acronyms

1 Introduction

1.1 Purpose

Describe the purpose of developing software

1.2 Target audience

Specify your end customer and their pains

1.3 Product value

Describe how the users will benefit from using your software

1.4 Scope

Describe the work you are going to deliver and define project constraints



2 Functional requirements

Define what your system should or should not do after specific data input.



3 Non-functional requirements

3.1 Correctness

Describe your system adherence to the specifications and how the software should behave when it is used correctly

3.2 Performance

Define system response-time or throughput

3.3 Reliability

Calculate critical failure time of your product

3.4 Robustness

Describe the range of faults your system should be tolerant to

3.5 Scalability

Define the highest workload under which your software will perform as expected

3.6 Security

List privacy and data protection regulations your system should adhere to expected

3.7 Usability

Define the level of ease with which a system allows a user to get to the goal

4 Third-party integrations

List third-party integrations, define their usage, and specify whether they are required or optional.

Third-party software	Usage	Additional information	Required / Optional



5 Software tools

Describe software tools which will be used during the development process.

5.1 Development environments

5.2 Version control systems

5.3 Interface editors

5.4 Database editors

5.5 Tools for testing

5.6 Frameworks



6 Deadlines

Use a product roadmap or Gantt chart to set project milestones.



