

**Project Name**

**Author:**

**Date:**

**Version: 0.0.0**

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# 1

# INTRODUCTION

#

# PURPOSE

# Identify and describe the scope of the product whose

# technical specifications are being documented, and

# describe the desired outcome.

#

# INTENDED AUDIENCE AND

# PERTINENT SECTIONS

# Describe each type of reader, including developers,

# users, testers, writers, marketers, etc., and outline

# which parts of the document are crucial to their needs.

# PROJECT SCOPE

# Describe the relevant benefits, objectives, and

# goals and how they relate to your corporate

# strategy.

#

#

# DOCUMENT CONVENTIONS

# Describe any naming or structural conventions

# employed throughout the document and how

# they benefit the reader.

# REFERENCES

# List any referenced document names or links.

# 2

# DESCRIPTION

# PRODUCT PERSPECTIVE

# Provide the context and the origin of the

# product, along with the expected functionality.

# FEATURES

# List the main features with a brief description

# for each.

# USER OVERVIEW

# Define groups, and describe user characteristics.

#

#

# OPERATING ENVIRONMENT

# Illustrate where the software will function: the

# hardware platform, operating systems, and other

# software components or applications that work in

# conjunction with it.

# CONSTRAINTS: DESIGN &

# IMPLEMENTATION

# Describe the limitations that could impact the

# development.

# DOCUMENTATION

# Describe the content, mode of delivery, and

# standards.

# ASSUMPTIONS / DEPENDENCIES

# Detail all assumed factors (not known facts) that

# could potentially impact the technical specifications

# set forth. Include external factors as well.

# 3

# APPLICATION FEATURES

#

# APPLICATION FEATURE 1

|  |  |
| --- | --- |
| DESCRIPTION AND PRIORITY |   |
| FUNCTIONALREQUIREMENTS |   |

# APPLICATION FEATURE 2

|  |  |
| --- | --- |
| DESCRIPTION AND PRIORITY |   |
| FUNCTIONALREQUIREMENTS |   |

# APPLICATION FEATURE 3

|  |  |
| --- | --- |
| DESCRIPTION AND PRIORITY |   |
| FUNCTIONALREQUIREMENTS |   |

**Note:**
Please add as many application features

as you need.

# 4

# REQUIREMENTS OF

# EXTERNAL INTERFACE

# API REQUIREMENTS

Describe the API interface characteristics, including

standards, style guides, constraints, functionality,

and sample screens if applicable.

# TECHNOLOGIES REQUIREMENTS

Describe the technologies requirements if available.

# HARDWARE REQUIREMENTS

Describe the hardware requirements if available

(for example if the server needs to be in a certain

location, a certain provider, etc.)

# 5

# ADDITIONAL NON-FUNCTIONAL

# REQUIREMENTS

## PERFORMANCE

Specify any performance requirements.

For additional clarity, provide rationale.

## SAFETY

Specify safety requirements. Define the safeguards

and systems employed. Identify external policies and

regulations impacting safety requirements.

## SECURITY

Specify security requirements. Define the safeguards

and systems employed. Identify external policies and

regulations impacting safety requirements.

##

##

## SOFTWARE QUALITY

List other characteristics crucial to the success of

the product. List each by describing its relation to

the product, being quantitative, specific, and verifiable.