# Software Design Document Template

| **Project Name** |  |
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| **Author** |  |
| **Date** |  |
| **Version** |  |

Version History:

| **Version** | **Author** | **Updated Date** |
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**1. Introduction**

Provide information about your project and describe the scope and purpose of your software.

**2. Document Outline**

Describe this document and what are the things described in it.

**3. Document Description**

3.1 Introduction

Provide here the overview of your software design document.

3.2 System Overview

Provide here the information about your software that includes functionalities and features.

3.3 Design Considerations

Describe the issues that need to be addressed before completing your software design.

3.3.1 Assumptions and Dependencies

Describe here the assumptions and dependencies about your software and its use.

3.3.2 General Constraints

Describe all the general and top constraints which have a significant impact on your design.

3.3.3 Goals and Guidelines

Describe the strategy of design and development software and software development life cycle. This part includes goals, guidelines, principles, and priorities of system design.

**3.4 Architectural Strategies**

Describe here your design strategies and decisions that impact your overall software.

**3.5 System Architecture**

Describe here the main functionalities and responsibilities of your software system that are assigned to subsystems and components.

3.5.1 Subsystem Architecture

Provide here a more detailed description of the subsystem of the system architecture based on a single component.

**3.6 Policies and Tactics**

Describe all the policies and tactics that overall impact the design of your software.

**3.7 Detailed System Design**

3.7.1 Detailed Subsystem Design

Write here the detailed subsystem design. Describe each sub-section in a detailed description.

Classification

Definition

Responsibilities

Constraints

Composition

Uses/Interactions

Resources

Processing

Interface/Exports

**4. Glossary**

Write here an ordered list of designed items used throughout the document.

**5. Bibliography**

A list of referenced or related publications.