**Software Project Design Document Template**

**YOUR LOGO**

**PROJECT NAME**

**AUTHOR**

**DATE**

**Version 0.0.0**

| REVISION HISTORY |
| --- |
| DATE | VERSION | DESCRIPTION | AUTHOR |
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 **1.  Overview**

**1.1    Purpose**

**1.2    Background**

**1.3    Scope**

**1.4    Process**

**1.5    Criteria for Evaluation**

 **2.  Requirements**

**2.1    Assets**

**2.1.1 Human Resources**

**2.1.2 Hardware**

**2.1.3 Software**

**2.1.4 Travel / Miscellaneous**

**2.2    Estimates**

**2.3 Invoice / Payment Terms**

 **3.  System Architecture**

**3.1    Overall System Architecture**

**3.2    System Application**

**3.3    System Integration**

 **4.  Application Domains**

**4.1    Domain 1**

**4.1.1 Description**

**4.1.2 Relationship between domains**

**4.1.3 Data Flow / Control**

**4.2    Domain 1**

**4.2.1 Description**

**4.2.2 Relationship between domains**

**4.2.3 Data Flow / Control**

 **5.  Data Design**

**5.1    Static / Persistent Data**

**5.2    Transient / Dynamic Data**

**5.3    External Data**

**5.4    Data Transformation**

 **6.  User Interface**

**6.1    UI Design Overview**

**6.2    Navigational Flow**

**6.3 Function / Screen Usage**

 **7.  Additional Interfaces**

 **7.1 Interface Name and Description**

 **8.  Additional Design Elements / Features**

**8.1 Element / Feature Name and Description**

 **9. Reference Documents**

**10. Glossary of Terms / Acronyms employed in project language**

1. **Introduction**
	1. **Purpose**

Identify the business need. Discuss the motivation behind the initiative to seek solutions. Introduce the project, and how it will support the organization’s missions and strategic goals.

* 1. **Background**

Discuss previous initiatives that lead to the current project.

* 1. **Analysis Scope**

Provide an outline of the scope, and detail any omissions.

* 1. **Process**

Detail the process used to carry out the project. Include procedures.

* 1. **Criteria for Evaluation**

Describe how progress will be evaluated.

1. **Assumptions, Constraints, and Conditions**

Identify requirements to complete the project.

* 1. **Assets**
		1. Human Resources
		2. Hardware
		3. Software
		4. Travel / Miscellaneous
	2. **Estimates**

| COST ESTIMATES |
| --- |
| CATEGORY | DESCRIPTION | BEGIN DATE | END DATE | COST |
|  | PERSONNEL |  |  |  |
|  | CONTRACTORS |  |  |  |
|  | COMMERCIAL SOFTWARE |  |  |  |
|  | INFRASTRUCTURE |  |  |  |
|  | FACILITIES |  |  |  |
|  | SUPPLIES |  |  |  |
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| **TOTAL** |  |

**2.3 Invoice / Payment Terms**

1. **System Architecture**

Attach, insert, or provide link to any charts / documentation.

* 1. **Overall System Architecture**
	2. **System Application**
	3. **System Integration**
1. **Application Domains**
	1. **Domain 1**
		1. Description
		2. Relationship between Domains
		3. Data Flow / Control
	2. **Domain 2**
		1. Description
		2. Relationship between Domains
		3. Data Flow / Control
2. **Data Design**

Describe data and databases within domains and structures.

* 1. **Static / Persistent Data**
	2. **Transient / Dynamic Data**
	3. **External Data**
	4. **Data Transformation**
1. **User Interface**

* 1. **UI Design**Mockups, images, high level requirements, etc.
	2. **Navigational Flow**Flow diagram
	3. **Function / Screen Usage**
1. **Additional Interfaces**
	1. **Interface Name and Description**

| ADDITIONAL INTERFACES |
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| INTERFACE NAME | DESCRIPTION |
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1. **Additional Design Elements / Features**
	1. **Interface Name and Description**

| ADDITIONAL DESIGN ELEMENTS / FEATURES |
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| ELEMENT / FEATURE NAME | DESCRIPTION |
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1. **Reference Documents**

Attach, insert, or provide link to any charts / documentation to support project.

1. **Glossary of Terms / Acronyms**

Define any unique or uncommon terms and acronyms employed in project language.

| GLOSSARY OF TERMS / ACRONYMS |
| --- |
| TERM / ACRONYM | DEFINITION |
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