Logo, company name

Description automatically generated

****

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# Introduction

## Purpose and Scope of this document

Purposeandscope

# Acronyms and Abbreviations

|  |  |  |
| --- | --- | --- |
| **S.No** | **Term** | **Definition** |

# Architecture Module/Component details

## 3.1. Context of the Module

OverallarchitectureD

Context

|  |  |  |  |
| --- | --- | --- | --- |
| **S.No** | **Component Name** | **Technology** | **Description** |

3.2. Impact to Existing Components

Impact

|  |  |  |
| --- | --- | --- |
| **S.No** | **Impacted Component** | **Impact** |

# System Components

## 4.1. SystemComponent1

|  |  |
| --- | --- |
| Detailed description |  |
| Responsibilities |  |
| Interfaces used |  |
| Methods implemented |  |

## 4.2. SystemComponent2

|  |  |
| --- | --- |
| Detailed description |  |
| Responsibilities |  |
| Interfaces used |  |
| Methods implemented |  |

**5. Data Design**

## 5.1. Database Schema

Databaseschema

databasedesign

## 5.2. Table Definitions

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Constraints** | **Default Value** | **Description** |

## 5.3. Database Scripts and APIs details

DataScriptsApis

### 5.3.1. Scripts

|  |  |  |  |
| --- | --- | --- | --- |
| **Script Name** | **Purpose** | **Input** | **Output** |

### 5.3.2. APIs

|  |  |  |  |
| --- | --- | --- | --- |
| **API Name** | **Purpose** | **Input** | **Output** |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

# 6. Detailed UI Design

DetailedUIDesign

## 6.1. Screen Name

UIScreenName

### 6.1.1. Screen Mock-up / Wireframes

ScreenMockup

### 6.1.2. Navigation Details and Flow

NavigationDetails

### 6.1.3. API Endpoint Details

APIEndpointDetails

### 6.1.4. Data Contracts

DataContracts

# 7.Integration Design

## 7.1. External System Interfaces

|  |  |  |
| --- | --- | --- |
| **S.No** | **Name of the System** | **Purpose of Integration** |

## 7.2. Integration Points

|  |  |  |  |
| --- | --- | --- | --- |
| **S.No** | **Integration Point** | **Workflow** | **Exception/ Error Handling** |

## 7.3. Data Exchange Standards

DataExchangeStandards

## 7.4. Exception / Error Handling: -

ErrorHandling

### 7.4.1. Module Interfaces

|  |  |  |  |
| --- | --- | --- | --- |
| **S.No** | **Integration Point** | **Workflow** | **Exception/ Error Handling** |

# 8.Design Considerations

DesignConsiderations

## 8.1. Performance Considerations

PerformanceConsiderations

## 8.2. Security Considerations

SecurityConsiderations

## 8.3. Scalability Considerations

ScalabilityConsiderations

## 8.4. Reliability and Availability Considerations

ReliabilityAndAvailabilityConsiderations

## 8.5. Maintainability and Support

MaintainabilityAndSupport

**9. Assumptions and Dependencies**

|  |  |  |
| --- | --- | --- |
| **S.No** | **Assumption/ Dependency description** | **Remarks (Action / Decision)** |

# 10. Compliance and Design Standards

ComplianceAndDesignStandards

**11. References**

References

|  |  |
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