Solution Design Document

**Revision 1.0**

**Revision History**

|  |  |  |  |
| --- | --- | --- | --- |
| Date | Revision | Author | Description |

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# Introduction

## Document References

## Robotic Resource Requirement

|  |  |  |
| --- | --- | --- |
| Sr .No | No. Of Run Time Resources | Process to be Executed |
|  |  |  |

### Execution Process:

END

HSBC\_MAIN\_PROCESS

Step 1: Runtime Resource1

<WD6>

# Solution Overview

## Solution Diagram

## 

## 

## Solution Description

Main Process

Core process

### GFMC\_HTS\_OTHERS\_SUBMISSIONS Process

**2.2.1.7**

|  |  |  |
| --- | --- | --- |
| **Object** | **Action** | **Comments** |
|  |  |  |

* + - 1. **Read Business File**

|  |  |
| --- | --- |
| **Parameter** | **Comment** |
|  |  |
|  |  |
|  |  |
|  |  |
| Source cell |  |
| Source Range |  |
| Target FilePath |  |
| Target Workbook Name |  |
| Target WorksheetName |  |
| Target cell |  |
| Target Range |  |

**Key Consideration**:

The business rule file may be changed as per business requirement.

|  |  |  |
| --- | --- | --- |
| **Object** | **Action** | **Comments** |
|  |  |  |
|  |  |  |

#### 2.2.1.2 Login into Critrix

|  |  |  |
| --- | --- | --- |
| **Object** | **Action** | **Comments** |
|  |  |  |
|  |  |  |

#### 2.2.1.3 Roll Forward

|  |  |  |
| --- | --- | --- |
| **Object** | **Action** | **Comments** |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

#### 2.2.1.4 Connect to

|  |  |  |
| --- | --- | --- |
| **Object** | **Action** | **Comments** |
|  |  |  |
|  |  |  |

#### 2.2.1.5 Process Reports

# Object Model

## Object Model Diagram

# Operational Control and Alerting

## Scheduling and Starting

|  |  |  |
| --- | --- | --- |
| Sr. No | BOT Name | Time |
|  |  |  |

## Alerting

The alerting will use to send the necessary notifications.

|  |  |  |  |
| --- | --- | --- | --- |
| Scenario | Method/Framework | Recipient(s) | Comments |
|  |  |  |  |
|  |  |  |  |

# Data Security and Credentials

## 5.1 Data Storage

### Environment Variables

|  |  |  |
| --- | --- | --- |
| Environment Variable | Type | Description |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

## Data Privacy

|  |  |  |  |
| --- | --- | --- | --- |
| **Role** | **DEV** | **QA** | **PROD** |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

## Credentials

|  |  |
| --- | --- |
| **Variable Name** | **Credential in BP Manager** |
|  |  |
|  |  |
|  |  |

## Exception Handling

Types of Exception:

### System Exceptions

The all application-based problem is ***system exception.***

|  |  |  |
| --- | --- | --- |
| **Sr. No** | **Exception Type** | **Exception Description** |
| 1 |  |  |
| 2 |  |  |
| 3 |  |  |
| 4 |  |  |
| 5 |  |  |
| 6 |  |  |
| 7 |  |  |

### Business Exceptions

The rules-based rejection is ***business exception***.

|  |  |  |
| --- | --- | --- |
| **Sr. No** | **Exception Type** | **Exception Description** |
| 1 |  |  |
| 2 |  |  |
| 3 |  |  |
| 4 |  |  |
| 5 |  |  |
| 6 |  |  |

### Exception Logs

### Exception Framework

# Assumptions

## Technical

## Business