TEST PLAN TEMPLATE

**Author**

**DDDD/MMMM/YYYY**

**Version**

**Revision History and Sign-off Sheet**

|  |  |  |  |
| --- | --- | --- | --- |
| **Version** | **Date** | **Author** | **Content** |
| 1.0 | 05/05/2017 | Qui Ngo | Create Test Plan Version 1.0 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Approvers/Reviewers List – To track who has reviewed and sign-off the test plan | | | | |
| **Name** | **Role** | **Approver/Reviewer** | **Approval/Review Date** | **Comment** |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| Reference Documents – Clearly mark the document used as an input to create the test plan | | |
| **Version** | **Date** | **Document Name** |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

**Table of Contents**

[**1.** **Introduction** 6](#_Toc482833080)

[**1.1.** **Purpose** 6](#_Toc482833081)

[**1.2.** **Intended Audience** 6](#_Toc482833082)

[**1.3.** **Project Background** 7](#_Toc482833083)

[**1.3.1.** **Objective** 7](#_Toc482833084)

[**1.3.2.** **Outcome** 7](#_Toc482833085)

[**2.** **Test Strategy** 7](#_Toc482833086)

[**2.1.** **Test Objectives** 7](#_Toc482833087)

[**2.2.** **Assumptions and Principles** 7](#_Toc482833088)

[**2.2.1.** **Test Assumptions** 7](#_Toc482833089)

[**2.2.2.** **Test Principles** 8](#_Toc482833090)

[**2.3.** **Data Approach** 8](#_Toc482833091)

[**2.4.** **Scope and Levels of Testing** 8](#_Toc482833092)

[**2.4.1.** **Static Test** 8](#_Toc482833093)

[**2.4.2.** **Exploratory Test** 8](#_Toc482833094)

[**2.4.4.** **Integration Test** 9](#_Toc482833095)

[**2.4.5.** **Quality Attribute Test** 9](#_Toc482833096)

[**2.4.6.** **System Test** 9](#_Toc482833097)

[**2.4.7.** **User Acceptance Test** 9](#_Toc482833098)

[**3.** **Test Environment** 10](#_Toc482833099)

[**3.1.** **Hardware** 10](#_Toc482833100)

[**3.2.** **Software** 10](#_Toc482833101)

[**3.3.** **Defect Tracking and problem reporting** 10](#_Toc482833102)

[**3.3.1.** **Overview** 11](#_Toc482833103)

[**3.3.2.** **Role and Activities** 11](#_Toc482833104)

[**4.** **Execution Strategy** 12](#_Toc482833105)

[**4.1.** **Test strategy** 12](#_Toc482833106)

[**4.1.1.** **Features to be tested** 12](#_Toc482833107)

[**4.1.2.** **Functional testing** 12](#_Toc482833108)

[**4.2.** **Pass/Fail Criteria** 12](#_Toc482833109)

[**4.3.** **Suspend/ Resume Criteria** 13](#_Toc482833110)

[**5.** **Management Approach** 13](#_Toc482833111)

[**5.1.** **Design and Execution Process** 13](#_Toc482833112)

[**5.2.** **Human Resources** 13](#_Toc482833113)

[**5.3.** **Training need** 14](#_Toc482833114)

[**5.4.** **Schedules** 14](#_Toc482833115)

[**5.4.1.** **Test Effort Estimation** 14](#_Toc482833116)

[**5.4.2.** **Test Deliverables** 14](#_Toc482833117)

[**5.5.** **Test Risks and Mitigation Factors** 15](#_Toc482833118)

[**6.** **Glossary** 15](#_Toc482833119)

1. **Introduction** 
   1. **Purpose**
   2. **Intended Audience**

|  |  |  |
| --- | --- | --- |
| **Role** | **Name** | **Responsibility** |
|  |  |  |

* 1. **Project Background**
     1. **Objective**
     2. **Outcome**

1. **Test Strategy** 
   1. **Test Objectives**
   2. **Assumptions and Principles**
      1. **Test Assumptions**
      2. **Test Principles**
   3. **Data Approach**
   4. **Scope and Levels of Testing** 
      1. **Static Test**

* **Purpose:**
* **Scope:**
* **Staffs:**
* **Method:**
* **Execution time:** 
  + 1. **Exploratory Test**
* **Purpose:**
* **Scope:**
* **Staffs:**
* **Method:**

**Execution time:**

* + 1. **Functional Test**
* **Purpose:**
* **Scope:**
* **Staffs:**
* **Method:**

**Execution time:**

* + 1. **Integration Test**
* **Purpose:**
* **Scope:**
* **Staffs:**
* **Method:**
* **Execution time:**
  + 1. **Quality Attribute Test**
    2. **System Test**
    3. **User Acceptance Test**
* **Purpose:**
* **Scope:**
* **Staffs:**
* **Method:**
* **Test Acceptance Criteria:**
* **Execution time:**

1. **Test Environment**
   1. **Hardware**

|  |  |
| --- | --- |
| **Hardware** | **Description** |
| Number |  |
| Type |  |
| Size |  |
| Capacity |  |
| Memory |  |

* 1. **Software**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No.** | **Name** | **Purpose** | **Type** | | **Note** |
| **Open source/Commercial** | **Supplier** |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

* 1. **Defect Tracking and problem reporting**
     1. **Overview**
     2. **Role and Activities**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Input** | **Role** | **Step** | **Activities** | **Output** |
|  |  |  |  |  |

1. **Execution Strategy**
   1. **Test strategy**
      1. **Features to be tested**

|  |  |  |
| --- | --- | --- |
| **No.** | **Features** | **Test Description** |
|  |  |  |

* + 1. **Functional testing**
    2. **System testing**
    3. **Acceptance testing**
  1. **Pass/Fail Criteria**
  2. **Suspend/ Resume Criteria**

1. **Management Approach** 
   1. **Design and Execution Process**
   2. **Human Resources**

[Describe role, knowledge and skill need for each of phase]

|  |  |  |
| --- | --- | --- |
| **Role** | **Knowledge and skill** | **Name** |
|  |  |  |

* 1. **Training need**

[This table describe plan will train for test phase and member will attend ]

|  |  |  |
| --- | --- | --- |
| **No.** | **Descriptions** | **Members** |
|  |  |  |

* 1. **Schedules**
     1. **Test Effort Estimation**

[This table describe plan execution of test phase and human resources will attend]

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **Description** | **Beginning Date** | **Ending Date** | **Human Resources** |
|  |  |  |  |  |

* + 1. **Test Deliverables**

[This table contain deliverable name and describe of test phase ex:ECB\_TE\_TestPlan\_verX.X]

|  |  |  |
| --- | --- | --- |
| **No.** | **Deliverable Name** | **Descriptions** |
|  |  |  |

* 1. **Test Risks and Mitigation Factors**

[This table describe risk of test and mitigation plan]

|  |  |  |  |
| --- | --- | --- | --- |
| **No.** | **Risk** | **Severity** | **Mitigation plan** |
|  |  |  |  |

1. **Glossary**

[This table describe acronyms]

|  |  |  |
| --- | --- | --- |
| **No.** | **Glossary** | **Descriptions** |
|  |  |  |