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**Test Plan**

**Foxes Project**

**Abstract**

…

**Table of Contents**

[1. Introduction 4](#_Toc427350910)

[1.1. Purpose 4](#_Toc427350911)

[1.2. Scope 4](#_Toc427350912)

[1.3. Definitions and Abbreviations/Acronyms 4](#_Toc427350913)

[1.4. Users of the Document 4](#_Toc427350914)

[2. References and Related Documents 5](#_Toc427350915)

[3. Schedules and Milestone 5](#_Toc427350916)

[4. Resource Requirements 5](#_Toc427350917)

[4.1. Hardware 5](#_Toc427350918)

[4.2. Software 5](#_Toc427350919)

[4.3. Tools used for Testing 5](#_Toc427350920)

[4.4. Test Environment 6](#_Toc427350921)

[4.5. Staffing 6](#_Toc427350922)

[5. Test Scope 6](#_Toc427350923)

[5.1. Features to be tested 6](#_Toc427350924)

[5.2. Features not to be tested 6](#_Toc427350925)

[6. Testing Approach 6](#_Toc427350926)

[6.1. Requirements Analysis 6](#_Toc427350927)

[6.2. Test Planning 7](#_Toc427350928)

[6.3. Test Case Development 7](#_Toc427350929)

[6.4. Test Execution and Reporting 7](#_Toc427350930)

[7. Test Strategies 8](#_Toc427350931)

[7.1. Test Stages 8](#_Toc427350932)

[7.2. Types of Testing 11](#_Toc427350933)

[7.3. Other Testing 14](#_Toc427350934)

[8. Acceptance Criteria 15](#_Toc427350935)

[9. Defect Tracking 16](#_Toc427350936)

[9.1. Defect Classification 16](#_Toc427350937)

[9.2. Defect Life Cycle 16](#_Toc427350938)

[10. Traceability Matrix 16](#_Toc427350939)

[11. Test Deliverables 16](#_Toc427350940)

[11.1. Test Cases 16](#_Toc427350941)

[11.2. Test Report 16](#_Toc427350942)

[12. Appendix 17](#_Toc427350943)

[Revision 18](#_Toc427350944)

**Table of Figures**

# Introduction

## Purpose

*[Provide the information about the testing process followed in this project.]*

## Scope

*[Mention about the scope of the test plan. Provide a brief list of the target-of-test’s features and functions that will or will not be tested.]*

## Definitions and Abbreviations/Acronyms

*[Define the required definitions and Abbreviations /Acronyms.]*

### Definitions

|  |  |
| --- | --- |
| **Terms** | **Definition** |
|  |  |
|  |  |

### Abbreviations/Acronyms

|  |  |
| --- | --- |
| **Abbreviations/Acronyms** | **Definition** |
|  |  |
|  |  |

## Users of the Document

*[Mention users who all will be using this Test Plan document.]*

# References and Related Documents

*[Documents related to the project which will be useful for delivering the project with quality.]*

# Schedules and Milestone

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Milestone** | **Deliverables** | **Duration** | **Start Date** | **End Date** |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

# Resource Requirements

*[Mention the Hardware/Software/Tools/Test environment/Staffing details required for this project.]*

## Hardware

*[Mention all the hardware details required for this project.]*

## Software

*[Mention all the Software’s required for this project.]*

## Tools used for Testing

*[Mention all the tools required for this project, this includes Test Case Management tool, Configuration management tool, Defect Tracking and Reporting tool…]*

## Test Environment

*[Mention the Test Environment Details for this project.]*

## Staffing

*[Mention staffing details of this Project, this includes Roles and Responsibilities of each individual and the Training Details.]*

### Roles and Responsibilities

*[Roles and Responsibilities of the Quality control engineers will be listed here.]*

### Training

*[If training is required for the quality control engineers to coordinate with the project will be listed here.]*

# Test Scope

## Features to be tested

*[List out all software features and combinations of features that will be tested in this project.]*

## Features not to be tested

*[List out all the features and significant combinations of features which will not be tested in this project.]*

# Testing Approach

*[Describe the activities performed by the testing team in this project. Add/Remove/Modify below sections as per your project requirements.]*

## Requirements Analysis

* Entry Criteria
* Input
* Participants
* Activities
* Output
* Exit Criteria

## Test Planning

* Entry Criteria
* Input
* Participants
* Activities
* Output
* Exit Criteria

## Test Case Development

* Entry Criteria
* Input
* Participants
* Activities
* Output
* Exit criteria

## Test Execution and Reporting

* Entry criteria
* Input
* Participants
* Activities
* Output
* Exit Criteria

# Test Strategies

*[Mention the levels of testing and techniques that will be used in this project for each type of test, provide a description of the test and why it is being implemented and executed.*

*If a type of test will not be implemented and executed, indicate this in a sentence stating the test will not be implemented or executed and stating the justification, such as “This test will not be implemented or executed. This test is not appropriate.”*

*Add/Remove/Modify sections below as per your project type.]*

## 7.1. Test Stages

### Unit Testing

|  |  |
| --- | --- |
| **Inputs/Entry Criteria** |  |
| **Automation Tool Used\*** |  |
| **Suspension Criteria\*\*** |  |
| **Resumption Criteria\*\*\*** |  |
| **Outputs/Exit Criteria** |  |
| **Responsibility (Developer/Tester/Customer…)** |  |
| **How to perform? (Manual/Automated…)** |  |
| **When to perform?**  **(During Interim build/Iteration Release/Project Release…)** |  |

*\*Automation Tool Used: If unit testing is automated mention the tool used, the version of the tool and the license requirement*

*\*\*Suspension Criteria: If the test cases fail due to non-conformance, the testing is stopped temporarily.*

*\*\*\* Resumption Criteria: These criteria must be satisfied to restart testing, which was stopped due to suspension criteria.*

### Integration Testing

|  |  |
| --- | --- |
| **Inputs/Entry Criteria** |  |
| **Automation Tool Used** |  |
| **Suspension Criteria** |  |
| **Resumption Criteria** |  |
| **Outputs/Exit Criteria** |  |
| **Responsibility (Developer/Tester/Customer…)** |  |
| **How to perform? (Manual/Automated…)** |  |
| **When to perform?**  **(During Interim build/Iteration Release/Project Release…)** |  |

### System Testing

|  |  |
| --- | --- |
| **Inputs/Entry Criteria** |  |
| **Automation Tool Used** |  |
| **Suspension Criteria** |  |
| **Resumption Criteria** |  |
| **Outputs/Exit Criteria** |  |
| **Responsibility (Developer/Tester/Customer…)** |  |
| **How to perform? (Manual/Automated…)** |  |
| **When to perform?**  **(During Interim build/Iteration Release/Project Release…)** |  |

### Acceptance Testing

|  |  |
| --- | --- |
| **Inputs/Entry Criteria** |  |
| **Automation Tool Used** |  |
| **Suspension Criteria** |  |
| **Resumption Criteria** |  |
| **Outputs/Exit Criteria** |  |
| **Responsibility (Developer/Tester/Customer…)** |  |
| **How to perform? (Manual/Automated…)** |  |
| **When to perform?**  **(During Interim build/Iteration Release/Project Release…)** |  |

## Types of Testing

### Functionality Testing

|  |  |
| --- | --- |
| **Inputs/Entry Criteria** |  |
| **Automation Tool Used** |  |
| **Suspension Criteria** |  |
| **Resumption Criteria** |  |
| **Outputs/Exit Criteria** |  |
| **Responsibility (Developer/Tester/Customer…)** |  |
| **How to perform? (Manual/Automated…)** |  |
| **When to perform?**  **(During Interim build/Iteration Release/Project Release…)** |  |

### Functionality Testing

|  |  |
| --- | --- |
| **Inputs/Entry Criteria** |  |
| **Automation Tool Used** |  |
| **Suspension Criteria** |  |
| **Resumption Criteria** |  |
| **Outputs/Exit Criteria** |  |
| **Responsibility (Developer/Tester/Customer…)** |  |
| **How to perform? (Manual/Automated…)** |  |
| **When to perform?**  **(During Interim build/Iteration Release/Project Release…)** |  |

### Failover and Recovery Testing

|  |  |
| --- | --- |
| **Inputs/Entry Criteria** |  |
| **Automation Tool Used** |  |
| **Suspension Criteria** |  |
| **Resumption Criteria** |  |
| **Outputs/Exit Criteria** |  |
| **Responsibility (Developer/Tester/Customer…)** |  |
| **How to perform? (Manual/Automated…)** |  |
| **When to perform?**  **(During Interim build/Iteration Release/Project Release…)** |  |

### Security and Access Control Testing

|  |  |
| --- | --- |
| **Inputs/Entry Criteria** |  |
| **Automation Tool Used** |  |
| **Suspension Criteria** |  |
| **Resumption Criteria** |  |
| **Outputs/Exit Criteria** |  |
| **Responsibility (Developer/Tester/Customer…)** |  |
| **How to perform? (Manual/Automated…)** |  |
| **When to perform?**  **(During Interim build/Iteration Release/Project Release…)** |  |

### Configuration and Installation Testing

|  |  |
| --- | --- |
| **Inputs/Entry Criteria** |  |
| **Automation Tool Used** |  |
| **Suspension Criteria** |  |
| **Resumption Criteria** |  |
| **Outputs/Exit Criteria** |  |
| **Responsibility (Developer/Tester/Customer…)** |  |
| **How to perform? (Manual/Automated…)** |  |
| **When to perform?**  **(During Interim build/Iteration Release/Project Release…)** |  |

### Performance Testing

|  |  |
| --- | --- |
| **Inputs/Entry Criteria** |  |
| **Automation Tool Used** |  |
| **Suspension Criteria** |  |
| **Resumption Criteria** |  |
| **Outputs/Exit Criteria** |  |
| **Responsibility (Developer/Tester/Customer…)** |  |
| **How to perform? (Manual/Automated…)** |  |
| **When to perform?**  **(During Interim build/Iteration Release/Project Release…)** |  |

## Other Testing

### Hot Fix / Patch Testing

|  |  |
| --- | --- |
| **Inputs/Entry Criteria** |  |
| **Automation Tool Used** |  |
| **Suspension Criteria** |  |
| **Resumption Criteria** |  |
| **Outputs/Exit Criteria** |  |
| **Responsibility (Developer/Tester/Customer…)** |  |
| **How to perform? (Manual/Automated…)** |  |
| **When to perform?**  **(During Interim build/Iteration Release/Project Release…)** |  |

### Data-Migration Testing

|  |  |
| --- | --- |
| **Inputs/Entry Criteria** |  |
| **Automation Tool Used** |  |
| **Suspension Criteria** |  |
| **Resumption Criteria** |  |
| **Outputs/Exit Criteria** |  |
| **Responsibility (Developer/Tester/Customer…)** |  |
| **How to perform? (Manual/Automated…)** |  |
| **When to perform?**  **(During Interim build/Iteration Release/Project Release…)** |  |

# Acceptance Criteria

*[Mention the internal/external criteria set as the testing objective for this project.]*

# Defect Tracking

## Defect Classification

*[Mention the defect classifications used in this project.]*

## Defect Life Cycle

*[Mention the defect life cycle in this project from defect reporting to defect closure.]*

# Traceability Matrix

*[List the mapping of each Requirement to corresponding Test Cases.]*

|  |  |  |
| --- | --- | --- |
| **No.** | **Requirements ID/Name** | **Test Case/Test Procedure ID/Name** |
|  |  |  |
|  |  |  |
|  |  |  |

# Test Deliverables

## Test Cases

*[Provide link to the Test Cases document for this project here.]*

## Test Report

*[Provide link to the Test Reports/Test Metrics generated for this project here.]*

# Appendix

*[Provide any other extra information that is needed.]*

# Revision

|  |  |  |  |
| --- | --- | --- | --- |
| # | Date | Editor | Description |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |