TEST PLAN

Product Name: BANKING (Frontend)

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# 1.INTORDUCTION

# 1.1 Purpose

The Test Plan document include and track the necessary information required to effectively define the approach to be used in the testing of the website <http://demo.guru99.com/V1/index.php>’. This document is created during the planning phase of the project. Test plan includes brief introduction of the test strategies, process, workflow and methodologies

# 1.2 Overview

Banking Project Test plan is designed to prescribe the scope, approach, resources and schedule all testing activities listed to create a new customer and his/her account, managing the account by editing and deleting, access the account details and also create customized statement of the account.

# 1.3 Scope

The scope of the project includes all requirements listed in the software requirement specs. We are testing the following features of

‘http://demo.guru99.com/V1/index.php’ web application.

## 1.3.1 Inclusions

* New customer
* Edit Customer
* Delete Customer
* New Account
* Edit Account
* Deposit
* withdrawal
* change Password
* Fund Transfer
* Balance Enquiry
* Mini statement
* Customized statement
* Login
* Logout

From my understanding, I believe above functional areas need to be Tested.

## 1.3.2 Out of Scope

## Out of Scope defines the features they are not included in the SRS document

* User Interface
* Hardware Interface
* Software Interface
* Database Logical.
* Website security and performance.

## 1.3.3 Test Environments

* Windows 10 – Chrome, Firefox and Edge
* Mac OS – Safari Browser
* Android Mobile OS – Chrome
* iPhone Mobile OS – Safari
* It mentions the minimum hardware requirements that will be used to test the Application.

# 2.TEST STRATEGY

## 2.1 Test Objectives

## The objective of the test is to identify that the functionality of Banking project website.

* Ensure the Application Under Test conforms to functional and non-functional requirements.
* Ensure the AUT meets the quality specification defined by the client
* Bugs/issues are identified and fixed before go live.

## 2.2 Test Completeness.

## Criteria to check Test Completeness would be:

* 100% test coverage
* All Manual & Automated Test cases executed
* All open bugs are fixed or will be fixed in next release.

## 2.3 Scope and level of Testing

2.3.1 Functional Test

**PURPOSE**: Functional Testing will be performed to check the functions of application. The functional testing is carried out by feeding the input and validates the output from the application.

**SCOPE:** The scope of the project defined in the section 1.3.1.

**TESTERS**: Testing Team.

## 2.4 Test acceptance criteria

1.Approved functional Specification document, use case documents must be available prior to start to Test design phase.

2.Test cases approved and signed off prior to start of Test execution/

3.Developement completed, unit tested with pass status results shared to testing learns to avoid duplicate defects.

4.Test Environment with application installed, configured and ready to use state.

## 2.5 Test Deliverables:

Here mention all the Test Artifacts that will be delivered using different phases of the testing lifecycle.

* Test Plan
* Test Cases
* Traceability Matrix
* Bug Report
* Test Summary Report

## 2.6 Test Schedule

Following is the test schedule planned for the project. It’s may vary due to some below reason.

1. Any issues in the System environment readiness

b) Any change in scope/addition in scope

c) Any Other dependencies that impacts efforts and timelines.

|  |  |  |  |
| --- | --- | --- | --- |
| Milestone Task | Effort (PD) | Start date | End Date |
| Test Plan | 2 | Aug 26 | Aug 28 |
| Test case | 3 | Aug 28 | Aug 30 |
| Test Execution | 1 | Aug 30 | Aug30 |
| Bug Report | 1 | Aug 31 | Sep 1 |
| Summary | 1 | Sep 1 | Sep 1 |

## 2.7 Entry and Exit Criteria

The below are the entry and exit criteria for every phase of Software Testing Life Cycle:

### Requirement Analysis

Entry Criteria:

* Once the testing team receives the Requirements Documents or details about the Project

Exit Criteria:

* List of Requirements are explored and understood by the Testing team
* Doubts are cleared

### Test Planning

Entry Criteria:

* Testable Requirements derived from the given Requirements Documents or Project details
* Doubts are cleared Exit Criteria:
* Test Plan document (includes Test Strategy) is signed-off by the Client

### Test Designing

Entry Criteria:

* Test Plan Document is signed-off by the Client Exit Criteria:
* Test Scenarios and Test Cases Documents are signed-off by the Client

### Test Execution

Entry Criteria:

* Test Scenarios and Test Cases Documents are signed-off by the Client
* Application is ready for Testing Exit Criteria:
* Test Case Reports, Defect Reports are ready

### Test Closure

Entry Criteria:

* Test Case Reports, Defect Reports are ready Exit Criteria:
* Test Summary Reports

## 2.8 Suspension and Resumption Criteria

Based on the Client decision, we will suspend and resume the Project. We will ramp up and ramp down the resources as per Client needs.

# 3.ROLES AND RESPONSIBILITY

# Detail description of the roles and responsibilities of different team members like

* QA Analyst
* Test Manager
* Configuration Manager
* Developers
* Installation Team

# 4.TOOLS

The following are the list of Tools we will be using in this Project:

* Requirement Tracking Tool
* Bug Tracking tool

# 5.RISKS AND MITIGATION

The following are the list of risks possible and the ways to mitigate them: Risk: Non-Availability of a Resource

Mitigation: Backup Resource Planning Risk: Build URL is not working

Mitigation: Resources will work on other tasks Risk: Less time for Testing

Mitigation: Ramp up the resources based on the Client needs dynamically

# 6.APPROVALS

Team will send different types of documents for Client Approval like below:

* Test Plan
* Test Scenarios
* Test Cases
* Reports

Testing will only continue to the next steps once these approvals are done.