Test Strategy ABC Bank Website Redesign

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Document Change History

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| 1.0 | Gaurav Mishra | 18-05-2022 |  | KPIs doc is attached in Appendix |
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# Introduction

## Scope of testing

# Test Strategy

The business of ABC bank has asked the bank IT to initiate “website redesign” project. The objective of the project is to validation the ABC bank new application and carried out UI/UX testing in details which covers and ensure:

1. Verify the new layout, look & feel of the website as per the requirement document
2. Validate that the website more user friendly and user experience is enhanced
3. Validate that business workflows is working fine as there is no change
4. There is no data migration involved.

## Types of testing

* Functional Testing
* Non-Functional Testing

## Entry and Exit Criteria

**Entry Criteria**:

* Development has been completed for the features to be tested
* Test data and test environment are available for testing
* Approved test cases are available
* Trained personnel to conduct testing are available

**Exit criteria:**

* All test cases has been executed and passed
* OR System acceptance criteria have been met.

## Suspension and Resumption Criteria

**Suspension Criteria - Testing can be suspended when**

* There are showstopper defects and it’s not feasible to conduct testing
* Test environment is not available due to technical problems

In such scenarios, testing team will suspend testing and work on alternate tasks.

**Resumption Criteria - Testing can be resumed only when**

* Situation due to which testing was suspended has improved and it is feasible to go ahead with the testing activities.

## System Acceptance Criteria

Use this section to describe the system acceptance criteria based on which the project acceptance will be received.

1. During UAT testing, there should not be more than

* 2 defects with high 5 severity
* 5 defects with Medium severity
* 10 defects with low severity

1. At the end of UAT, there should be no open defects.
2. System is in use by end user without any interruption for at least 7 days.

# Test Approach

**Unit Testing:** To be done by development team to determine if it works as intended.

**Smoke Testing:** To be done by test team to that system have achieved a degree of stability

**Functional Testing:** To be done by test team to perform functional test, all business flow should be working fine

**UI and Cross Browser Testing:** To be done by testing team to validate application working as intended on all browser listed below:

* Chrome (Latest version to minus 2)
* Firebox (Latest version to minus 2)

**Load and Performance testing:** To be done by testing team to verify application work as intended under a specified load

**Compatibility Testing:** To be done by testing team to validate application is working as intended on mobile views

**UAT / Beta Testing:** To be done by client side to validate the application has met the requirement



## Test Schedule

|  |  |  |  |
| --- | --- | --- | --- |
| **S.no.** | **Task** | **Owner** | **Milestone Completion Date** |
| 1 | Design New Test Cases | QA team |  |
| 2 | Review New Test Cases | BA/Client |  |
| 3 | Update Test Cases | QA Team |  |
| 4 | Review and Update Existing Test Cases | QA Team |  |
| 5 | Create Planned Testing | QA manager |  |
| 6 | Test execution | QA Team |  |
| 7 | Bug Reporting | QA Team |  |
| 8 | Regression Testing | QA Team |  |
| 9 | Test Closure Activities | QA Team /QA manager |  |

This would include a detailed work breakdown structure (WBS) of all activities related to testing along with resources

Test Design

All test case should have below parameters:

* Pre-conditions
* Environment details
* Test Data
* Test Conditions
* Device Details

## Test Execution

Test Execution will be done and maintained in Test management tool (TFS).

Screen shots should be captured for each step or test conditions

# Bug Tracking Process



## Bug tracking tool

TFS will be used as bug tracking tool

## Bug reporting

TFS will be used as bug Reporting tool

## Bug lifecycle

New/raised à open/assigned à resolved/fixed àclosed/verified.

# Reporting and Communication Plan

|  |  |  |  |
| --- | --- | --- | --- |
| S.no | Reporting Type | Frequency of Report | Owner |
| 1 | Scrum Call | Daily | Scrum master |
| 2 | Daily Status Report (DSR) | Daily | QA team2 |
| 3 | Weekly Status Report | Weekly | QA manager |
| 4 | Test Summary Report | Sprint End | QA manager |
| 5 | RTM | On Test Design completion | QA team |
| 6 | Defect Logs | Sprint End | QA Team |

# Assumptions and Dependencies

Below are the Assumption

* Browser supported by the application are chrome and Firefox (Latest version to minus two)
* Mobile view support (in all mobile browser)
* Test Management tool is TFS
* No Training is required to the team as team is working on the legacy system
* No reference document are attached in appendix section

# Appendix

reference documents and templates should be attached here:

