TEST PLAN

<<Facebook >

Abstract

This document provides an overview of the project and the product test strategy, a list of testing deliverables and plan for development

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VERSION HISTORY

Version #	Write by	Revision Date	Approved By	Approval Date	Outline
1.0	Denison V	2023/ 07/24	Nivedithaa		Test Plan Creation

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INTRODUCTION

Welcome to another new post, Facebook login test plan. In this post, we will see the possible test plan For Facebook Login Page or Test Scenarios For Facebook Login Page (FB login). As you know, Facebook is one of the famous social sites.

If you want to access or use the application, then you have to FB login into the application. And for login, we require valid credentials. So if you have access, then you can start testing the application. But if you don't have access, create an account first.

1 TEST STRATEGY

1.1 Scope of Testing

1.1.1 Feature to be tested

All the feature of websiteGuru99 Bank which were defined in software requirement specs are need to bested

Module Name	Applicable Roles	Description
Posts	Manager Customer	Check if the user timeline is displayed the correct no of posts. Verify that the user can delete a post from the user timeline. Check if the user timeline is displayeding correct no of posts
Friends	Manager Customer	**Check if the user timeline is displaying the correct no of friends**
Following	Manager Customer	Check if the user timeline is displaying the correct no of following
Profile	Manager Customer	Verify that the user can see the profile information of the people who have posted on the user timeline
Homepage	Manager Customer	**Verify that the user can see the notification tab on the facebook homepage**
Mark read	Manager	**Verify that the user should be able to mark the notificatios as read**
	Manager	**Manager:** A manager can edit details like address, email, telephone of a customer.
Friend request	Manager	Verify that the user can see the notification when he/she gets a friend request

1.1.2 Feature not to be tested

These feature are not be tested because they are not included in the software requirement specs

- User Interfaces
- Hardware Interfaces
- Software Interfaces
- Database logical
- Communications Interfaces
- Website Security and Performance

1.2   Test Type

In the project Guru99 Bank, there're 3 types of testing should be conducted.

- **Integration** Testing (Individual software modules are combined and tested as a group)
- **System** Testing: Conducted on a **complete**, **integrated** system to evaluate the system's compliance with its specified requirements

1.3   Risk and Issues

Risk	Mitigation
Team member lack the required skills for website testing.	Plan **training course** to skill up your members
The project schedule is too tight; it's hard to complete this project on time	Set **Test Priority** for each of the test activity.
Test Manager has poor management skill	Plan leadership training for manager
A lack of cooperation negatively affects your employees' productivity	**Encourage** each team member in his task, **and inspire** them to greater efforts.
Wrong budget estimate and cost overruns	Establish the scope before beginning work, pay a lot of attention to project planning and constantly track and measure the progress

1.4   Test Logistics

1.4.1 Who will test?

The project should use **outsource** members as the tester to save the project cost

1.4.2 When will test occur?

The tester will start the test execution when all the following inputs are ready

- Software is available for testing
- Test Specification is created
- Test Environment is built

- Enough human resource for testing

2 TEST OBJECTIVE

Facebook lets you post rich, structured stories from your app using a strongly typed API consisting of objects and actions. Objects are the "nouns" or targets for actions taken by people in your app.

3 TEST CRITERIA

3.1 Suspension Criteria

If the team members report that there are **40%** of test cases **failed**, suspend testing until the development team fixes all the failed cases.

3.2 Exit Criteria

Specifies the criteria that denote a **successful** completion of a test phase -

Run rate is mandatory to be **100%** unless a clear reason is given.

- **Pass** rate is **80%,** achieving the pass rate is **mandatory**.

4 RESOURCE PLANNING

4.1 System Resource

No.	Resources	Descriptions
1.	Server	Need a Database server which install MySQL server Web server which install Apache Server
2.	Test tool	Develop a Test tool which can auto generate the test result to the predefined form and automated test execution
3.	Network	Setup a LAN Gigabit and 1 internet line with the speed at least 5 Mb/s
4.	Computer	At least 4 computer run Windows 7, Ram 2GB, CPU 3.4GHZ

4.2 Human Resource

No.	Member	Tasks

1.	Test Manager	Manage the whole project
		Define project directions
		Acquire appropriate resources
2.	Test	Identifying and describing appropriate test techniques/tools/automation architecture
		Verify and assess the Test Approach
		Execute the tests, Log results, Report the defects.
		Outsourced members
3.	Developer in Test	Implement the test cases, test program, test suite etc.
4.	Test Administrator	Builds up and ensures test environment and assets are managed and maintained
		Support Tester to use the test environment for test execution
5.	SQA members	Take in charge of quality assurance
		Check to confirm whether the testing process is meeting specified requirements

5 TEST ENVIRONMENT

The Test Environment should be setup as figure below

https://www.facebook.com/login/

6 SCHEDULE & ESTIMATION

6.1 All project task and estimation

Task	Members	Estimate effort
Create the test specification	Test Designer	170 man-hour
Perform Test Execution	Tester, Test Administrator	80 man-hour
Test Report	Tester	10 man-hour
Test Delivery		20 man-hour
Total		**280 man-hour**

6.2 Schedule to complete these tasks

Making test specification	07/24/23	07/28/23
Milestone	07/28/23	07/28/23
Perform test Execution	07/31/23	08/10/23
Milestone	08/17/23	08/17/23
Test Report	08/10/23	08/10/23
Milestone	08/10/23	08/10/23
Test Delivery	08/11/23	08/12/23
Milestone	08/12/23	08/12/23

7 TEST DELIVERABLES

Test deliverables are provided as below

7.1 Before testing phase

- Test plans document. -
  Test cases documents -
  Test Design
specifications.

7.2 During the testing

- Test Tool -   Simulators.
- Test Data
- Test Trace-ability Matrix -
  Error logs and execution logs.

7.3 After the testing cycles is over

- **Test Results/reports**
- Defect Report
- Installation/ Test procedures
  guidelines
- **Release notes**