**Test Plan- GTPL Bank**

1. **Test Plan Identifier:**

GTPL Bank 1.0

1. **References:**

GTPL Bank User Guide

GTPL Bank Software Requirements Specification 3.0

1. **Introduction:**

This Test Plan is created for Functional Testing of GTPL Bank.

GTPL Bank is a banking management system. It is developed in AJAX/PHP using MySQL database management system. It is targeted towards banks. It is integrated with modules that provide net banking facility to its customers.

1. **Approach:** 
   1. **Method of Testing:**

Black Box Testing

* 1. **Levels of Testing:**

Unit Testing

Integration Testing

System Testing

* 1. **Types of Testing:**

Functional Testing

Compatibility Testing

Performance Testing

Security Testing

Usability Testing,

Exploratory Testing, etc.

1. **Test Items:**
   1. Manager
   2. Customer
2. **Features to be Tested:**
   1. **Manager:**
      1. **New Customer**
      2. **Edit Customer**
      3. **Delete Customer**
      4. **New Account**
      5. **Edit Account**
      6. **Delete Account**
      7. **Deposit**
      8. **Withdrawal**
      9. **Fund Transfer**
      10. **Change Password**
      11. **Balance Enquiry**
      12. **Mini Statement**
      13. **Customized Statement**
      14. **Login & Logout**
   2. **Customer:**
      1. **Balance Enquiry**
      2. **Fund Transfer**
      3. **Mini Statement**
      4. **Customized Statement**
      5. **Change Password**
      6. **Login & Logout**
3. **Features not to be Tested:**

N/A

1. **Test Deliverables:**
   1. Test Plan
   2. Test Scenario
   3. Test Cases
   4. Defect Report
   5. RTM
2. **Test Environment:**
   1. **Hardware:**
      1. RAM: 4 GB
      2. Processor: Intel Core i3
      3. Operating System: Windows, Linux
      4. Server: IIS, Apache Tomcat
      5. Browsers: Google Chrome, Mozilla Firefox, IE, Microsoft Edge
   2. **Software:**
      1. PDF Reader: Adobe PDF Reader
3. **Schedule:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr.No.** | **Test Activities** | **Days** | **Date Range** |
| 1 | Test Plan Writing | 2 | 23/4/2022 |
| 2 | Test Scenario Writing | 2 | 25/4/2022 |
| 3 | Test Cases Writing | 4 | 27/4/2022-30/4/2022 |
| 4 | Test Cases Execution | 2 | 1/5/2022-2/5/2022 |
| 5 | Defect Reporting | 1 | 3/5/2022 |

1. **Responsibilities:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr.No.** | **Name** | **Designation** | **Task** |
| 1 | ABC | Test Manager | Management Reporting, etc |
| 2 | XYZ | Test Lead | Test Plan, Review Document |
| 3 | Bhushan | Tester | Test Scenario Writing for Manager Module  Test Case Writing for Manager Module  Test Case Execution for Manager Module  Defect Reporting for Manager Module |
| 4 | Tanmayi | Tester | Test Scenario Writing Manager Module  Test Case Writing for Manager Module  Test Case Execution for Manager Module  Defect Reporting for Manager Module |
| 5 | Dhananjay | Tester | Test Scenario Writing for Customer Module  Test Case Writing for Customer Module  Test Case Execution for Customer Module  Defect Reporting for Customer Module |
| 6 | Pratiksha | Tester | Test Scenario Writing for Customer Module  Test Case Writing for Customer Module  Test Case Execution for Customer Module  Defect Reporting for Customer Module |

1. **Staffing and Training Need:**

|  |  |  |
| --- | --- | --- |
| **Training Conducted By** | **Employee Name** | **Training Topic** |
| Punam Chinchole | Tanmayi | Domain Training |

1. **Software Risk Issues (Product):**

NA

1. **Risk and Contingencies (Project):**
2. Delay in Receiving Build
3. Network Connection Issue
4. Installation Issue
5. Power Failure
6. Database Connection Issue
7. **Suspend/Resume Criteria:**

|  |  |
| --- | --- |
| **Suspend Criteria** | **Resume Criteria** |
| Showstopper Defect Found | Showstopper Defect is Resolved and Retested |
| Electricity Issue | Electricity Issue Resolved |
| Network Issue | Network Issue Resolved |
| System Crash | System is Repaired and Started Working |

1. **Item Pass/Fail Criteria (Exit Criteria):**
2. All the test cases should be executed atleast once (100% test coverage).
3. 85% test cases should be passed and 15% test cases maybe fail with low priority.
4. Required quality of software should be achieved.
5. All the deliverables should be updated.
6. **Approvals:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sr.No.** | **Name of the Person** | **Designation** | **Date** | **Remark (Approved/**  **Unapproved)** | **Sign** |
| 1 | Punam | Team Lead |  |  |  |