**Test Plan- Guru99 Telecom**

1. **Test Plan Identifier:**

Guru99 Telecom

1. **References:**

Guru99 Telecom User Guide

Guru99 Telecom Requirements

1. **Introduction:**

This Test Plan is created for Functional Testing of Guru99 Telecom.

Guru99 Telecom is a business support system. It is developed in AJAX/PHP using MySQL database management system. It is targeted towards small and medium sized enterprises. It is integrated with modules that support most common business processes.

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. Customer
   2. Tariff Plan
   3. Tariff Plan to Customer
   4. Pay Billing
2. **Features to be Tested:**
   1. **Customer:**
      1. **Add Customer Functionality**
   2. **Tariff Plan:**
      1. **Add Tariff Plan Functionality**
   3. **Tariff Plan to Customer:**
      1. **Add Tariff Plan to Customer Functionality**
   4. **Pay Billing**
      1. **Pay Billing Functionality**
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: 2 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 | 1 | 13/4/2022 |
| 2 | Test Scenario Writing | 1 | 20/4/2022 |
| 3 | Test Cases Writing | 2 | 27/5/2022-3/5/2022 |
| 4 | Test Cases Execution | 2 | 10/5/2022-17/5/2022 |
| 5 | Defect Reporting | 1 | 24/5/2022 |

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 Customer Module  Test Case Writing for Customer Module  Test Case Execution for Customer Module  Defect Reporting for Customer Module |
| 4 | Tanmayi | Tester | Test Scenario Writing for Tariff Plan Module  Test Case Writing for Tariff Plan Module  Test Case Execution for Tariff Plan Module  Defect Reporting for Tariff Plan Module |
| 5 | Dhananjay | Tester | Test Scenario Writing for Tariff Plan to Customer Module  Test Case Writing for Tariff Plan to Customer Module  Test Case Execution for Tariff Plan to Customer Module  Defect Reporting for Tariff Plan to Customer Module |
| 6 | Pratiksha | Tester | Test Scenario Writing for Pay Billing Module  Test Case Writing for Pay Billing Module  Test Case Execution for Pay Billing Module  Defect Reporting for Pay Billing 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 |  |  |  |