TEST PLAN

PRODUCT NAME: GURU99DEMO

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**Test Plan Overview**

As part of the assignment, ‘Proshore’ has asked me to test few functionalities of

‘https://demo.guru99.com/insurance/v1/index.php” web application.

This document serves as high level test planning document with details on the

scope of the project, test strategy and test deliverables.

**Scope**

The scope of the assignment includes testing the following features of ‘https://demo.guru99.com/insurance/v1/index.php’ web application.

**Inclusions**

* Login failure
* Login success
* Request Quotation
* Retrieve Quotation
* Profile
* Edit Profile
* Logout

**Test Environment**

• Windows 11 – Chrome

**Exclusions**

• All the features except that are not mentioned under ‘Inclusions’.

**Assumptions**

* The application is stable and accessible at the provided URL.
* The functional requirements and expected behavior of the application are known.
* Test environment setup is completed and functional.
* Test data for various scenarios is available.
* Tester has access to necessary tools and frameworks.

**Limitations/Test Boundaries**

* Testing will be conducted only on the provided URL.
* Assumption of stable internet connectivity.
* Tests will be performed using the specified tools and technologies only.
* Performance and load testing are not included in this scope.

**Test Strategy**

I have gone through the assignment requirement document and will perform Functional Testing of all mentioned functionalities.

**Step #1: Creation of Test Scenarios and Test Cases**

I will apply several test designing techniques while creating test cases:

* Equivalence Class Partition: To ensure that each input value is tested at least once.
* Use Case Testing: To test the application's functionality based on real-world scenarios.

Additionally, I will use my expertise in creating test cases by applying the following:

* Error Guessing: To identify areas that are prone to errors.
* Exploratory Testing: To explore the application and discover unexpected behaviors.

I will prioritize the test cases to ensure that required critical functionalities are tested first.

**Step #2: Testing Process**

I will be following the below mentioned process:

* In-Depth Testing: I will perform in-depth testing using the test cases created.

I will report the bugs in Microsoft excel and will be providing the document to the hiring team.

**Types of Testing Performed:**

* Usability Testing, Functionality & UI Testing: To ensure the application is user-friendly and the UI is functional and meets design specifications.

We will repeat the test cycles until we achieve a quality product.

**Step #3: Best Practices**

We will follow these best practices to enhance our testing process:

* Context-Driven Testing: We will perform testing as per the context of the given application and assignment.
* Exploratory Testing: Using our expertise, we will perform exploratory testing, apart from the normal execution of the test cases.

**Test Deliverables**

|  |  |  |
| --- | --- | --- |
| **Deliverables** | **Description** | **Completion Date** |
| Test Plan | Details about the scope of the Project, test strategy, and test deliverables. |  |
| Test Cases | Test cases according to the defined scope. |  |
| Automation Script | Script used to automate the testing. |  |

**Tools**

Following Tools will be used during the entire testing period of this Project:

* Word and Excel documents
* Google Chrome
* Visual Studio code

**Entry and Exit Criteria**

**Entry Criteria**

* Requirements and Documentation:

Functional requirements are documented and understood.

Test plan has been prepared.

* Test Environment:

Test environment is set up and accessible.

**Exit Criteria**

* Documentation:

Test scenarios and test cases have been prepared.