TEST PLAN

PRODUCT NAME: GURU99DEMO

AUTHOR: GAURAV SUBEDI

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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.