

*ChangeLog*

| **Version** | **Change Date** | **By** | **Description** |
| --- | --- | --- | --- |
| 1.0 | 30-Jan-2023 | Karthika Muthusamy | Test plan preparation |
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# **Introduction**

The Guru99 Insurance project aims to provide insurance agents with a facility to generate and store Insurance Quotes for Cars. Over a period, new functionalities will be added to the site.

The client is based in the UK and accordingly all conventions are as per UK standard.

## **Scope**

### **In Scope**

The scope of this project is to test the following modules using Functional and Integration testing,

* Broker Registration
* Request Quotation
* Retrieve Quotation
* Edit Profile

### **Out of Scope**

The following tests are out of scope and will not be tested for this project,

* Non-Functional testings like Performance testing and Stress testing
* Automation testing

## **Quality Objective**

* **Verify** the Functionality of website Guru99 Insurance, the project should focus on testing the **Insurance operations such as Broker registration, Request and Retrieve quotation and updating of user profile** and **guarantee** all these operations can work **normally** in a real business environment.
* Bugs/issues are identified and fixed before go live
* Guru99 Insurance users may not have adequate computer knowledge to use the site. Hence, the verification of the system is intuitive and easy to understand.
* Testing should include usability testing to ensure that customers can easily navigate the application and find the information they need.
* Ensure that customer data is encrypted and that customers are required to authenticate themselves before accessing their personal information or policy details.

## **Roles and Responsibilities**

| **S. No** | **Role** | **Responsibilities** |
| --- | --- | --- |
| 1 | QA Manager | Review test cases, review and approve the issues |
| 2 | Senior SQA | Assigns tasks, tracks the testing progress |
| 3 | QA | Prepare test cases, set up test environment |
| 4 | Tester | Execute test cases, reports the issues |

# **Test Methodology**

## **Overview**

We are adopting Agile methodology for this project, because it will allow users to see the completed project every two weeks. In development and testing perspective it is easy to accommodate any new or update in the requirement.

## **Test Levels**

**Following are the types of testing to be executed on the Application Under Test (AUT**).

Functional Testing - To verify all the functionalities working as per the requirements.

Usability Testing - To verify the UI and navigation are smooth and easy for the user to work on the application.

Integration Testing – To verify the connection with database and other applications are working as per the requirements.

## **Bug Triage**

In guru99 Insurance project, there will be Bug triage meeting to prioritize the defects based on their severity, risk, reoccurrence, etc., Team involved in Defect Triage Meeting will have a proper defect triage meeting agenda and validate severities of the defect, make changes as required, finalize resolution of the defects, and assign resources to fix it.

Test lead, Development lead, Project manager will participate in this bug triage meeting and this meeting will be held on each sprint.

## **Suspension Criteria and Resumption Requirements**

Following are the suspension criteria for this project,

* Unavailability of external dependent systems during execution.
* When a defect is introduced that cannot allow any further testing.

And Resumption criteria are,

* When the external dependent systems become available again.
* When a fix is successfully implemented, the Testing Team is notified to continue testing.

## **Test Completeness**

The following points declare that the testing for Guru99 Insurance project is completed and the functionality is ready to be moved to production on each sprint.

* 100% Test coverage should be achieved.
* No Showstoppers or critical defects.
* There can be few medium or low-priority defects that don't affect the usage of the product and that can be moved to the next sprint.

# **Test Deliverables**

Following are the test deliverables to be delivered for this project in every sprint,

* Test strategy
* Test plan and estimation
* Test scenario
* Test cases and test data
* RTM
* Test summary report
* Test closure report
* Incident report

# **Resource & Environment Needs**

## **Testing Tools**

* JIRA tool for Test management and Defect management
* Confluence for project documentation

## **Test Environment**

AS per SRS document the insurance site will be only compatible with Chrome version 27 and above.

# **Terms/Acronyms**

| **TERM/ACRONYM** | **DEFINITION** |
| --- | --- |
| Broker | An agent who acts an intermediary between customer and insurance company |
| AUT | Application Under Test |