

*ChangeLog*

| **Version** | **Change Date** | **By** | **Description** |
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**1** **INTRODUCTION 2**

1.1 Scope 2

*1.1.1* *In scope 2*

*1.1.2* *Out of Scope 2*

1.2 Quality Objective 2

1.3 Roles and Responsibilities 2

**2** **TEST METHODOLOGY 3**

2.1 Overview 3

2.2 Test Levels 3

2.3 Bug Triage 3

2.4 Suspension Criteria and Resumption Requirements 3

2.5 Test Completeness 4

**3** **TEST DELIVERABLES 4**

**4** **RESOURCE & ENVIRONMENT NEEDS 4**

4.1 Testing Tools 4

4.2 Test Environment 4

**5** **TERMS/ACRONYMS 5**

# **Introduction**

The Guru99 insurance project based on a brief introduction of the test strategies, process, workflow and methodologies used for the project.

Client is based in the UK.

## **Scope**

### In Scope

* Functional testing is in scope
* External interfaces are in scope and need to be tested.

### Out of Scope

* Automation testing is beyond the scope.
* Non-functional testing like stress,performance is beyond scope of this project.

## **Quality Objective**

This project is about the Car Insurance operations such as Broker registration,Edit Profile Request and Retrieve quotation.

* Ensure the Application Under Test conforms to functional and nonfunctional requirements
* Ensure the AUT meets the quality specifications defined by the client
* Bugs/issues are identified and fixed before going live.

## **Roles and Responsibilities**

Detail description of the Roles and responsibilities of different team members like

* QA -Execute TC & prepare bug report
* Test Manager - Reviews TC & Approve the TC
* Developers- Develop the code
* Installation Team- Install the software in production
* Testers- Write tc

# **Test Methodology**

## **Overview**

We are adopting an Agile test methodology for the project. The test methodology selected because Frequent delivery,Agile allows clients to see the software for every iteration & customer satisfaction.

You can read about Test Methodology [here](http://www.guru99.com/testing-methodology.html)

## **Test Levels**

**Test Levels define 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..
* Integration Testing -To verify the data flow between two modules .To verify the combination with other applications and together its working properly...
* Acceptance Testing - To verify whether the software is meeting specified requirements or not.

## **Bug Triage**

The goal of the triage is used to prioritize, track, and evaluate bugs in software development.

Process for testers and developers to fix as many as possible defects by prioritizing them based on parameters identified and fixed by the team.

The team needs to validate the severity of the defect, make changes as per need, finalize resolution of the defects, and assign resources. Mainly used in agile project management.

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**

**Suspension criteria for this project**

* When a defect is introduced that cannot allow any further testing.
* Unavailability of external dependent systems during execution.
* If the system breaks or through an error which does not allow execution of any other tc.

**Resumption criteria**

* When a fix is successfully implemented, the Testing Team is notified to continue testing from where it is stopped.
* All the show stoppers would be fixed and a build will be released for verification.
* When the external dependent systems become available again.

## **Test Completeness**

Here you define the criterias that will deem your testing complete.

For instance, a few criteria to check Test Completeness would be

* 100% test coverage
* All Manual test cases executed
* There is no Blocker or critical bugs
* All open bugs are fixed
* If there is a minor bug will be fixed in the next release.

# **Test Deliverables**

Here mention all the Test Artifacts that will be delivered during different phases of the testing lifecycle.

Here are the sample deliverables

| * Test Plan * Test Cases * Requirement Traceability Matrix * Test Strategy * Test Execution Report * Test Summary Report * Defect Report * Defect Summary Report |
| --- |

# **Resource & Environment Needs**

## **Testing Tools**

Make a list of Tools like

* Test management tool & Bug Tracking Tool -JIRA
* Zephyr plugin needed for this project
* Confluence for project documentation

## **Test Environment**

As per SRS document requirement of insurance site will be only compatible with Chrome version 27 and above.

# **Terms/Acronyms**

Make a mention of any terms or acronyms used in the project

| **TERM/ACRONYM** | **DEFINITION** |
| --- | --- |
| API | Application Program Interface |
| AUT | Application Under Test |