**AUTOMATION TEST PLAN**

VERSION 1.0 – 17 May 2020

**DOCUMENT HISTORY**

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| **Date** | **Version** | **Description** | **Author** |
| May 17, 2020 | 1.0 | Initiate | Trang Ta |

**1. Objectives and Scope**

The purpose of this document is to outline the environment and automation test plan for Travel Insurance of GoBear website. In general the purpose of this testing is to validate the Travel Insurance to meet the minimum automation standards established for this project

* **Exclusions**

This test plan will not cover any functional or accuracy testing of the software being tested, this also will not cover manual testing.

**2. Approach and Execution Plan**

The automation script will be run by using :

- jdk 1.8

- IntelliJ IDEA

This tool will run automating the regression tests in Travel Insurance

* **Test Type**

The following tests will be run: Regression Test on Chrome and safari on mobile to make sure that any modification done has had only positive results and that the application still meets the requirements

**3. Test measurements, Metrics**

* **Pass/Fail criteria**

The following are regression requirements (success criteria) for the regression tests:

1. Test scripts cover 100% functions

2. Auto run testscript pass 100%

**4. Software and tool used**

JDK 1.8

TestNG

JUnit

Maven project

IntelliJ IDEA

**5. Automation test process**

This section details the automation testing process that will be followed for all regression tests conducted as described in this test plan.

1. Start data collection scripts

2. Stop the application

3. Remove any temporary files

4. Reset the database and file system to known starting points

5. Start the application and run a quick sanity test to make sure each application server can successfully return

6. Request the automation scripts be started

7. Once the automation scripts have completed, stop the data collection scripts

8. Acquire any database specific data being collected

9. Make the report available in the assembla

**6. Test environments**

* Hardware: Windows Server 2008 R2 Enterprise 64-bit with SP1, 2 Intel Xeon X5680 3.33Ghz, 4GB RAM
* System software: Java Selenium, JDK 1.8, IntelliJ IDEA 2020.1

**7. Test deliverables**

The following test deliverables are expected as part of this performance testing effort.

* Test Plan – This Document
* Test Scripts test scripts to implement the scenarios defined in Appendix 1
* Test Results Data – The data resulting from the automation tests run
* Test Results Final Report – The final report that documents

**8. Team members and responsibilities**

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| --- | --- |
| **Responsibility** | **Team Members** |
| Test Plan creation | Trang Ta |
| Test script creation | Trang Ta |
| Validation of test script | GoBear team |
| Execution test script | GoBear team |
| CPU Monitoring | GoBear team |
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**9. Risk assessment**

We need focus on doing regression test for automation. If GUI changes several times, will take time to update scripts. So GUI should be not change

APPENDIX 1 - Travel Insurance scenario

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| --- |
| 1. Go to <https://www.gobear.com/ph?x_session_type=UAT> |
| 2. Go to Travel section |
| 3. Go to the Travel results page |
| 4. Verify at least 3 cards are being displayed |
| 5. Verify the left side menu categories are functional. FYI, there are 3 categories: Filter, Sort and Details. |