**Test Plan**

**Calculate trip cost**

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| --- | --- | --- | --- |
|  | Prepared By | Reviewed By | Approved By |
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| Role | Programmer Trainees | Batch Trainer |  |

**1.0 Introduction**

**1.1 Purpose**

The Test Strategy document is used to define types of testing, levels of testing and to record the approach that will be used for the various types of testing of the system. This document outlines the approach to be used to ensure that the critical functionalities, both new and existing, of the system are tested at the appropriate level.

The Test Strategy document will also define the scope of testing to enable the development of test conditions, test cases, automation and estimates.

The Test Strategy document serves as a communication vehicle to identify any testing issues as early as possible in the project lifecycle.

**1.2 Target Audience**

Business Unit(BU) SME

Academy Coach

Technical Trainer

**2.0 System Description**

Tripadvisor, the world's largest travel platform, helps hundreds of millions of travelers each month make every trip their best trip. Travelers across the globe use the Tripadvisor site and app to browse more than 878 million reviews and opinions of 8.8 million accommodations, restaurants, experiences, airlines and cruises. Whether planning or on a trip, travelers turn to Tripadvisor to compare low prices on hotels, flights and cruises, book popular tours and attractions, as well as reserve tables at great restaurants. Tripadvisor, the ultimate travel companion, is available in 49 markets and 28 languages.

**3.0 Test Deliverables**

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| --- | --- |
| Project Phase | Deliverables |
| Test Planning | **·** Test Strategy Document |
| Test Analysis & Design | **·** Test Conditions  **·** Test Cases  **·** Test Data  **·** Test Environment  **·** Automated Test Scripts |
| Test Execution | **·** Test Logs |
| Test Completion | **·** Test Summary Report |

**4.0 Test Types**

The following are the types of Testing used in the Web Development courses

1. Functional Testing

2. Regression Testing

3. Smoke Testing

4. Automation Testing

**5.0 Multi browser Testing**

Based on the requirements for the application the testing is done on two browsers to ensure the working of the application in multiple browsers. The two browsers used for testing are Chrome and Firefox

**6.0 Test Data**

Test data for the application is provided from excel file. The test data are stored in the excel file and provided during run time. Data driven library creation is done using Apache POI and property file is used to keep the URL, Browser, Username and Password.

**7.0 Resources Required**

**7.1 Hardware**

· PC

**7.2 Softwares/Tools**

· Windows 7 and above

· Chrome 60 and above

· Firefox 60 and above

· MS Excel

· SELENIUM

· Apache POI

· TestNG

. JAVA

. Eclipse

. Maven

. POM