**Test Strategy –Web Application**

EaseMyTrip

**Travel Booking Platform**

**Test Strategy**

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**Test Strategy - EaseMyTrip**

**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**

EaseMyTrip is a world-wide online travel platform founded in 2008 by Mr.Nishant Pitti, Mr.Rikant Pitti, and Mr.Prashant Pitti that offers online travel booking platform like Flight bookings, Cab and Cruise Booking, Hotel reservations, and Bus and train Booking and booking Holiday packages.

* EaseMyTrip started as a small garage-based travel agency. Gained traction when an airline noticed frequent bookings and partnered with them. Went public in **March 2021**, becoming the first Indian online travel agency listed on stock exchanges. Became a **unicorn** in September 2021 with a market cap exceeding $1 billion and expanded internationally to markets like UAE, UK, US, Singapore, Thailand, and the Philippines.

**3.0 Test Deliverables**

|  |  |
| --- | --- |
| 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 Application

1. Functional Testing
2. Sanity Testing
3. 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 Edge and Chrome.

**6.0 Test Data**

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

**7.0 Resources Required**

**7.1 Hardware**

* PC

**7.2 Software**

* Windows 7 and above
* Chrome 60 and above
* Edge 60 and above
* MS Excel
* Selenium Web drivers
* Apache POI
* TestNG
* Cucumber
* Allure Report