**TEST PLAN FOR PROJECT: EaseMyTrip.com**

**TEST PLAN ID: -**

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1. **Test Plan ID: 1**
2. **References:**

This Test Plan is prepared by taking the references of the following documents available at the time.

1. IEEE 829 format.

1. **Introduction:**

This Test Plan is designed to prescribe the scope, approach, resources, and schedule of all testing activities of the web application **EaseMyTrip**.

* We are writing test cases for the Login page, Registration page, Flights booking and Hotel booking.
* The plan identifies the items to be tested, the features to be tested, the types of testing to be performed, the personnel responsible for testing, the resources and schedule required to complete testing, and the risks associated with the plan.

**3.1 Document Overview:**

The main sections of this document are: -

* The scope and Objectives of the Test Plan are described.
* Test Items are described.
* Test Plan activities are described.
* Pass / Fail Criteria described.
* Project Management activities described.

1. **Approach:**

* **Level of testing:**

System Testing.

* **Type of Testing:**

1. Functional Testing.

2. Compatibility Testing (Cross-browser Testing).

* **The Approach of Execution:**

Automation Testing.

1. **Test Objective:**
2. Login

An existing user should be able to login into their account whenever required.

1. Registration

A new user should be able to register whenever required via Email, Facebook,

apple id.

1. Flights

A user should be able to search and book flights as per their requirement.

For example:

1) Searching flights for one way

2) Searching flights for round trip.

1. Hotels

A user should be able to search and book hotels as per their requirement

For example:

1) Searching hotels based on locality

2) Searching hotels based on user ratings

3) Searching hotels based on budget

1. **In-Scope:**

**Registration:**

***PAGE 1:***

1. Website Check.
2. Click on Login

Next page: ---------------

Registration.

1. Enter email, password, OTP.
2. Click on create a free account.

**Login Page:**

***PAGE 1:***

1. Website Check.
2. Login
3. Enter Email and Password.
4. Click on sign in.

**Flights:**

***PAGE 1:***

1. Select either One Way Trip or Round Way Trip as per your requirements*.*

***PAGE 2:***

1. Select Insurance Checkbox.
2. Enter Email.
3. Click on continue booking.
4. Enter Contact Details and select the checkbox of travellers.
5. Click on Continue Booking

***PAGE 3****:*

1. Enter the details.
2. Then payment…….

**Hotels:**

***PAGE 1:***

1. Select the going to place.
2. Select departure and checkout date.
3. Click on search.

***PAGE 2:***

**1**. Click on the Hotel

***PAGE 3:***

1. Reserve
2. POP UP: -----

***PAGE 4:***

1. Pay now

***PAGE 5:***

1. Details
2. **Out of Scope:**

* Payment Gateway
* User Interfaces
* Security and Performance Testing

1. **Test Deliverables:**
2. Test plan
3. Test design specifications.
4. Test case specifications ·
5. Test Script·
6. Test logs
7. Test Incident Reports
8. Test Summary reports
9. Test Closure

**9.Test Environments:**

1. **Tools Requirements**

* Eclipse 2020-03
* JDK 1.8
* Selenium Java 3.1.141.59
* Microsoft Excel

1. **Hardware Requirements:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl. No.** | **Particulars** | **Responsible** | **Number of Stations** |
| 1. | **Hardware configuration:**   * Minimum Pentium 4 machine and maximum icore 32/64 bits is recommended * 1GB Memory * Protocol – 802.111 * Firewall – Port enabled – 1433 (TCP/IP) | Personal | 1 |

1. **Software Requirements:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl. No.** | **Particulars** | **Responsible** | **Number of Stations** |
| 1. | **Software:**   * Operating System – Minimum Windows XP with Service Pack 2 (32 bits) and Maximum – Windows 10 (64 bits) * Browser (Chrome and Firefox) | Personal | 1 |

**10.Test Timeline:**

|  |  |  |
| --- | --- | --- |
| Task | Estimate effort | Day |
| Test planning | 9 Hours | Tuesday28/09/2021 |
| Test Case writing and RTM | 9 Hours | Wednesday 29/09/2021 |
| Test scripting | 9 Hours | Thursday 30/09/2021 |
| Test scripting and Integration | 9 Hours | Friday1/10/2021 |
| Integration and Report generation and defect writing | 9 Hours | Monday4/10/2021 |

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# 11. Roles & Responsibilities:

|  |  |
| --- | --- |
| Activity | Name |
| 1] Test Analysis | All Teammates |
| 2] Test Design | All Teammates |
| 3] Test Implementation  Environment Set-up  Test Scripting. | All Teammates |
| 4]Test Execution | All Teammates |
| 5] Defect Reporting | All Teammates |
| 6] Test Closure | All Teammates |

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# 12. Risk and Contingencies:

* Team Issue – Lack of knowledge.
* Lack of availability of required hardware, software, data, or tools.

# 13.Entry Criteria (DOR):

* Smoke Testing
* Sanity Testing
* Application Should be ready.
* The environment should be ready.
* Test Scenario should be ready.

# 14. Exit Criteria (DOD)

* The application should be 90% good in Quality.
* Coverage should be 100%.
* There should not be any High Priority Open Defect.

**15.Test Reporting:**

# b. Test Execution Summary

|  |  |
| --- | --- |
| Execution Summary |  |
| 1] No of TC planned | 43 |
| 2] No of TC executed | 43 |
| 3] No. of TC passed | 43 |
| 4] No of TC failed | 0 |
| 5] % passed | 100 |
| 6] % failed | 0 |
| 7] No of Open defect | 0 |
| 8] No of Closed defect | 0 |

**16.Document History:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Name | Version | Date | Status | Author | Comments |
| Test plan | V1.0 | 28/09/2021 | Completed | All the Teammates | - |
| Test Design and RTM | V1.0 | 29/09/2021 | Completed | All the Teammates | - |
| Test Scripting | V1.0 | 30/09/2021 | Completed | All the Teammates | - |
| Test Scripting and Integration | V1.0 | 1/10/2021 | Completed | All the Teammates | - |
| Integration, Report writing and defect | V1.0 | 4/10/2021 | Completed | All the Teammates | - |
|  |  |  |  |  |  |

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# 17. Approvals

Name Designation Sign Date

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Mrs.