

# TEST PLAN

PROJECT: MakeMyTrip.com

TEST PLAN I.D: -

MMT21

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## 1. Test Plan I.D:

MMT21

## 2. References:

This Test Plan was created using references from the following documents:

1. IEEE 829-1999 Format.

## 3. Introduction:

This Test Plan was created to outline the scope, approach, resources and schedule of all the testing activities of the project MakeMyTrip.com.

- Test cases for Login page, Registration page, Flight search and booking and hotel search and booking are to be written.
- A concrete plan to identify the items to be tested, the features to be tested, the types of testing to be performed, the personnel responsible for testing, the resources required and the schedule in order to achieve testing of the website in question, all the while considering the risks associated with the plan.

### 3.1. Document overview:

The main sections of this document are:

- Scope and objectives of the Test Plan.
- Test Items.
- Test Plan Activities.
- Pass/Fail Criteria.
- Project Management Activities.

## 4. Approach:

### 4.1. Level of Testing:

Functional Testing.

### 4.2. Types of Testing:

1. Unit Testing
2. Compatibility Testing (Cross Browser Testing)
3. Integration Testing

### 4.3. Approach of Execution:

Automation Testing

## 5. Test Objective:

As per the given requirements, the following features have been planned to be tested:

1. Login:  
An existing user should be able to login into their respective account when required.
2. Registration:  
A new user should be able to register into the website via email, mobile number or Google account.
3. Flights:
  - Users should be able to search flights as they require.
  - Users should be able to book the searched flights.
4. Hotels:
  - Users should be able to search for hotels.
  - Users should be able to book the searched hotels.

## 6. In Scope:

### Registration:

1. Website Check.
2. Click on Login or Create Account.
3. Enter Email or Mobile number.
4. Enter OTP.
5. Enter Full Name.
6. Enter Password.

### Login:

1. Website Check.
2. Click on Login or Create Account.
3. Enter Email or Mobile number.
4. Enter Password
5. Click on sign in.

### Flights:

1. Click on Flights.
2. Select Source (From), Destination (To), Departure Date, Return Date, Number of travelers and class (Economy, Premium Economy, Business).
3. Select a Fare Type (Regular, Armed forces, Student, Senior Citizens).
4. Click on search.
5. Select Departure and Return flights.
6. Click on Book Now.
7. Select luxury options (Economy, Premium Flex, Economy Saver, Economy Basic).

8. Click on continue.
9. Fill Traveler details.
10. Click on continue.
11. Payment...

#### **Hotels:**

1. Click on Hotels.
2. Select Destination city, Check-in date, Check-out date, Rooms and Guests, Travel purpose (Leisure, Business).
3. Click on Search.
4. Click on hotel of choice.
5. Select Room.
6. Fill Guest details, special requests (optional).
7. Click on Pay Now.
8. Payment...

### 7. Out of Scope:

1. Payment Gateway.
2. Web accessibility (Only features pertinent to the requirements will be tested).
3. Security and Performance Testing.

### 8. Test Deliverables:

1. Test plan
2. Test case specifications
3. Test procedure specifications
4. Test logs
5. Test Incident Reports

### 9. Test Environments:

#### 9.1 Tool Requirements:

1. Eclipse 2021-06
2. JDK 1.8
3. Selenium Java 3.1.141.59
4. Microsoft Excel

## 9.2 Hardware Requirements:

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

## 9.3 Software Requirements:

Sl. No.	Particulars	Responsible	Number of Stations
1.	<b>Software:</b>  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
Requirement Analysis & Test planning	24 Hours	
Test Analysis & Test Design (Test Case writing)	24 Hours	
Test script writing	80 Hours	
Test Execution	12 Hours	
Report generation and defect writing	20 Hours	

## 11. Roles and Responsibilities:

Team Lead – Manumitha Kamarapu

Activity	Name
1] Test Analysis	Testing Team
2] Test Design	Testing Team
3] Test Implementation Environment Set-up Test Scriptwriting	Testing Team
4]Test Execution	Testing Team
5] Defect Reporting	Testing Team
6] Test Closure	Testing Team

## 12. Entry Criteria (DOR):

- Requirements are signed-off.
- Build/Application Should be ready
- Environment should be ready
- Test Case/Test Scenario should be ready
- Test Cases reviewed and approved.

## 13. Exit Criteria (DOD):

- 90% of all planned test cases should pass.
- Coverage should be 100%
- There should not be any High Priority Open Defect.

## 14. Document History:

Name	Version	Date	Status	Author	Comments
Test plan	V1.0	29/09/21	Completed	Testing Team	-
Test Design	V1.0	29/09/21	Completed	Testing Team	-
RTM	V1.0	29/09/21	Completed	Testing Team	-

## Approvals

Name	Designation	Sign	Date
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Mr. Sandeep Singadi			