**1. Test Plan Identifier**

**File Name: 1.0\_MakeMy Trip**

**Location: Chennai, Cognizant**

**2. Document History**

|  |  |  |  |
| --- | --- | --- | --- |
| **REV** | **Author** | **Edits** | **Date** |
| 1.0 |  | Initial Draft | 16-01-2020 |
|  |  |  |  |
|  |  |  |  |

**3. Introduction**

MakeMyTrip.com, India’s leading online travel company was founded in the year 2000 by Deep Kalra

This test plan will outline the features to be tested as part of traveller details

4. **Features to be Tested**

Medium priority features are features that have been stable and High Priority features are features that have been recently changed.

|  |  |  |
| --- | --- | --- |
| **Feature To be Tested** | **Priority** | **Comments** |
| Registration | High |  |
| Login Functionality | High |  |
| Booking Tickets |  |  |
| Commercial Details |  |  |
| Cancellation Details |  |  |
|  |  |  |
|  |  |  |

1. **Features NOT to be Tested**

Help Contents will not be tested.

Installation and presentation will not be tested.

Support of the other architectures also will not be tested.

1. **Test Strategy**

The test strategy for MakeMy Trip will include both manual testing with automated testing. Automated testing will be used to test the basic Interface objects, keyboard and mouse navigation or any redundant tasks best translated to automation. Automated testing will be limited to a Win-7 64 bit platform because of Automation tool limitations.

* Sanity test will include an very short functional tests to ensure the MakeMy Trip runs/launches and can connect to the back end database. Test execution will happen as individual component testing. These tests will be fully automated.
* Acceptance tests will include a functional tests that will only touch major features to ensure Makemy trip will operate smoothly at a basic level. These tests will be executed on Windows 7, Windows 10. The goal will be to automate all of these tests.
* Full Functional tests will include a comprehensive test of all features listed in this document. These tests will be limited to the Windows 7 or Windows 10 client. These test will include automation with time allowing.

**Functionality Testing**

**Registration**

Verify New Registration

Verify Modification of the existing record

Verify Deletion of the existing record.

Verify Searching of existing of records.

Verify Refresh of the Data Fields.

Verify Closing of the registration window.

**Login**

Verify Login of existing records.

Verify Searching of existing of records.

Verify Refresh of the Data Fields.

Verify Closing of the registration window.

**Booking Details**

**Commercial Details**

**Cancellation Details**

**Usability Testing**

The usability testing will be accomplished by verifying the information in each window are accurate. Menus, icons and toolbar functionality will be tested as applicable to the navigation and results panes. Multi Window Overlapping will be tested because product supports opening of multiple documents.

6.1.1.0 Graphical User Interface

6.1.1.1 Font Size

6.1.1.2 Font colour

6.1.1.3 Grammar Mistakes

6.1.1.4 Font Alignment

6.1.1.5 Logo’s

6.1.1.6 Authorized Windows

6.1.1.7 Data Base check

**Robustness/Reliability Testing**

Test the GUI for correct keyboard and mouse navigation, windows, menus, buttons, etc. These tests will include Keyboard only navigation of MakeMy Trip, Mouse only navigation. Correctness and existence of warning/error dialog boxes. The correct/expected functionality of buttons, icons and menus.

**Stress Testing**

Not applicable

1. **Test Deliverables**

Business Requirement Specifications, Functional Requirement Specifications, Software Requirement Specifications

Test plan specifications

Test scenarios

Test case specifications

Automation Test Plan Selenium

Test logs

Tools Selenium, Jira

**8. Testing Tasks & Resource Needs**

Use of MY SQL database.

Write Test Specification.

Write Test Automation plan.

Write Test Checklist.

Setup workspace.

Develop Automation script.

**Minimum requirements for platforms:**

Processor Pentium(R) Dual-core CPU E5400 @2.70GHZ 2.70GHZ

Installed Memory (RAM) 4.00GB

System Type 64 bit operating system

Pen & Touch No open or Touch Input is available for this display

**9. Schedule**

Test Documentation

| Document | Development Time | | Sign-off Date | Dependencies |
| --- | --- | --- | --- | --- |
|  | Person-Days | Completion Date |  |  |
| Test Plan | 2 days | 16-01-2020  17-01-2020 |  | Functional Spec. Review |
| Test Specifications | 3 days |  |  | Testplan, Functional Spec, Review |
| Test Logs | TBD |  |  |  |
| Test Summary Report | TBD |  |  |  |
| Checklist | TBD |  |  |  |

Test Development

| Deliverable | Development Time | | Dependencies |
| --- | --- | --- | --- |
|  | Person-Days | Completion Date |  |
| Functional Test Suite | 8 | 22-10-2020 |  |
| Automation build | 15 |  |  |
|  |  |  |  |

Test Execution

| Test Activity | | Execution Time (Person-Days) | | | Dependencies |
| --- | --- | --- | --- | --- | --- |
|  | | Alpha | Beta | FCS/Total |  |
| Acceptance | | 2 Days | 2 Days | 4 Days |  |
| Functional | Functionality | 5 | 4 | 9 Days |  |
|  | Usability | All High to Medium testcaces |  |  |
|  | Robustness |  |
|  | Stress |  |
|  | Multi Inst. |  |
| Regression | |  |  |  |  |
| Documentation Review | | 2 | 2 | 2 |  |
| Total Test Cycle | | 8 | 8 | 6 |  |

**10. Issues/Risks and Contingencies**

| RISK | CONTINGENCY | COMMENTS |
| --- | --- | --- |
| Any Automation will need to be created in parallel of testing. | Manual testing | Goal is to add Automation where possible.  Initial setup might be able to be worked on in an earlier stage if time permitting. |
| VB Accessibility Utilities and specs to verify compliance to Accessibility are not available. | Simplistic tests? | Accessibility guidelines are not specified in spec. |
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|  |  |  |

**11.Approvals**

| POSITION  \* Approval Required | NAME | SIGNATURE | REVIEWED | APPROVED |
| --- | --- | --- | --- | --- |
| Tech Lead |  |  | Raghavendra BN |  |
| STAFF ENG, SW | Haritha B |  |  |  |
| Project Manager |  |  |  |  |
| Clint Approval | Cognizant |  |  |  |

12. **References**

MMT 1.0User Interface Specification

MMT 1.0Functional Specification

MMT 1.0Design Specification

MMT 1.0Software Requirement Specifications