# **Test Plan**

# **Introduction**

This test plan is aimed to describe the test process of the ‘TripMyDream’ project (<https://tripmydream.com/>) according to the MAIN TASK of the “Dev Challenge 12” Championship (QA direction).

# **Test Items**

* Search of tickets/hotels;

# **Features to be tested**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Tested feature** | | **Requirements clarification and application investigation** | **Estimation for test design, h** | **Estimation for functional testing, h** | **Estimation for UI testing, h** | **Totals** |
| Search for the tickets with hotel discounts | | 2 | 2 | 0.5 | 0.5 | **5** |
| Search for the tickets without discounts | |
| Search for the tickets with children >12 years old |  |
| Search for the tickets with children <2 years old |  |
| Search for the round way tickets |  |
| Search for the one way ticket |  |
| Search for the tickets in 'Multi-city' mode |  |

# **Testing Approach**

Exploratory testing and error guessing technics– will be used for requirement clarification and investigation of application for existing defects.

Functionality and UI will be tested with functional and UI checklists.

For UI testing will be used following devices and browsers:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Device** | **OS** | **Type** | **Resolution** | **Orientation** | **Browser** |
| Samsung RV510 | Windows 10 Pro Nx64 | desktop | 1366x768 | Landscape | Chrome |
| desktop | Landscape | Mozilla FireFox |
| desktop | Landscape | MS Edge |
| desktop | 1024x768 | Landscape | Chrome |
| desktop | Landscape | Mozilla FireFox |
| desktop | Landscape | MS Edge |
| PocketBook SURFpad 4 S | Android 4.4.2 | mobile | 1920x1200 | Landscape | Chrome |
| mobile | 1200x1920 | Portrait | Chrome |
| mobile | 1920x1200 | Landscape | Android Browser |
| mobile | 1200x1920 | Portrait | Android Browser |

All listed tested features are mentioned in the order of prioritization. Priority of testing these features are made according to business logic of application (e.g. main functions of application is searching for tickets that’s why this feature will be tested first)

# **Entry Criteria:**

* The test environment must be ready and accessible;
* All testing executive artefact are ready

# **Exit Criteria:**

* All designed verifications and tests are run;
* All found defect are investigated and reported;

# **Test Deliverables**

After finishing the testing of the listed features following test deliverables will be provided:

* Test plan document with estimation for testing;
* Test executive documentation –UI and functional check lists with results of test runs, defect reports;
* Test Report with corrective actions;