# **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;
* Account entrance;
* Subscribing for news;
* Help;
* Blog;
* Guide;

# **Features to be tested**

| **Test item** | **Tested feature** | **Estimation for test design, h** | **Estimation for functional testing, h** | **Estimation for UI testing, h** | **Totals** |
| --- | --- | --- | --- | --- | --- |
| Search of tickets/hotels | Search for the air tickets | 0.5 | 0.5 | 0.5 | **1.5** |
| Search for the air discounts |
| Search for the hotels with discount |
| Search for hotel and tickets |
| Account | Account creation | 0.25 | 0.5 | 0.5 | **1.25** |
| Logining into accunt |
| Logouting from account |
| Password recovery |
| Account setting |
| Subscribing for news | Subscribing for active account | 0.25 | 0.25 | 0.5 | **1.00** |
| Subscribing for non-active account |
| Subscribing for invalid account |
| Help | Help for Service MyTripDream | 0.25 | 0.25 | 0.5 | **1.00** |
| Help for Hotel+tickets |
| Help for tickets |
| Help for hotels |
| Help for other questions |
| Blog | Selecting the articles according to categories | 0.25 | 0.25 | 0.5 | **1.00** |
| Guide | Searching by cities | 0.25 | 0.25 | 0.5 | **1.00** |
| Searching by countries |
| Searching by month of publications |
| Searching by type of trip |
| **Totals** | | **1.75** | **2** | **3** | **4.75** |

# **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;