**TEST PLAN**

1. **Purpose**

The purpose of Test Plan is a description of the <https://tripmydream.com/> site testing process. The document provides a testing instruments, evaluation criteria, forms and types of the planned testing, necessary equipment.

**2. Scope**

The purpose of testing the <https://tripmydream.com/> site is to verify the correct operations of its functionality and the displaying of the UI. Testing is planned to conduct in manual mode, by black-box testing.

**In-scope items:** functional testing, UI testing

**Out of scope items:** installation testing, performance testing, compatibility testing, localization testing, load testing, database testing, stress testing, compliance testing, usability testing.

**3. Test Strategy**

Functional testing and UI testing fall within the scope of black-box testing.

Functional testing will be conducted to testing all the functionality of the product. UI testing will be conducted to check compliance with the correct display of the application elements in browser.

**4. Testing Types**

**4.1. Functional Testing**

*Items to be Tested:* Air tickets search, Air tickets searching results, Air discounts, Air discounts searching results.

*Not Tested Items:* Hotels, Air+Hotels (beta), Excursions, Blog, Guides, Year summary 2017.

**4.2. UI Testing**

*Items to be Tested:* Pages: Air tickets search, Air tickets searching results, Air discounts, Air discounts searching results.

*Not Tested Items:* Hotels, Avia+Hotels (beta), Excursions, Blog, Guides, Year summary 2017.

**5. Test Approach**

Manual Testing from User’s perspective. Functionalities are divided into priority groups based on common sense of business importance. High priority items are tested first.

**6. Pass/Fail criteria**

*Pass Criteria:* No blockers or critical issues, all High and medium tests passed.

*Fail Criteria:* at least one test with high or medium priority passed with a result "Fail". At least one critical bug or blocker found

**7. Test Entry / Exit Criteria**

*Entry Criteria:* Test environment is ready for use (referred to in paragraph Test Environmental / Staffing / Training Needs); Checklist is written; Jira account is created

*Exit Criteria:* Testing on all the checklist items is done.

**8. Test Deliverables**

Checklist in .xlsx file, Bug Report in Jira, Test Report in .docx file

**9. Test Environmental / Staffing / Training Needs**

*Hardware / software environment:* workstation connected to Internet with Chrome 67; free account in Jira.

*Staff:* 1 QA engineer

**10. Testing Estimations**

Checklist writing – 1 hour

Testing – 4 hours

Bug report writing – 1 hour

Test report writing – 1 hour