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## 1. Introduction

The purpose of this document is to define the test strategy for the TripMyDream.com project, define test scope, estimations and test activities. The test strategy provides the framework for estimating the duration of the testing effort at the required confidence level for the business case.

## 2. Scope

### 2.1 In scope

- Flights search;
- Avia discounts search;
- Hotels with discount search;
- Flight + hotel search;
- User interface;
- User management (authorization, registration, etc.).

## 2.2 Out of scope

- Performance testing;
- 3<sup>rd</sup> party systems integration;
- Payments;
- Blog.

## 3. Test Approach

During test process test team planning to make such types of testing:

- Exploratory testing;
- Functional testing;
- UX/UI review of product;
- Localization testing;
- Regression testing.

For reporting issues, defects, improvements team will use project management system JIRA. During testing test team will create checklist with set of tests for testing functionality of TripMyDream web application. Checklists will store in Microsoft Excel.

## 4. Pass/Fail Criteria

Test team defined the following criteria for pass or fail testing:

1. Product have highest quality - 96% of tests passed success, founded bugs with minor priority.
2. Product quality is high but need to fix minor bug - 85% of tests passed success, founded bugs with minor priority.
3. Product work but need fixes - 75% of tests passed success, were found 3 bugs with major priority.
4. Need fixes - 50% of tests passed success, were found more than 5 bugs with major priority. One bug was found in the main product functionality.
5. Stop product, make fixes and start again - more than 65% of tests were filed, in the main application functionality were found more than 3 critical bugs.

## 5. Test activities and deliverables

Test Activity	Responsibility	Deliverable	Estimation
Test strategy creation	Devchallenge QA	TestStrategy.docx	1.5h
Test design and checklist creation	Devchallenge QA	Checklist.xlsx	3.0h
Test execution and bug reporting	Devchallenge QA	Bugs.xlsx	2.0h
Test reporting	Devchallenge QA	TestSummaryReport.docx	1h