Test Plan

**Test Plan for:** travelminit.ro

**Project:** Travelminit Test

**Version:** 1.0

**Date:** 31.07.2024

**Author:** Ignat Georgiana Bianca

**Table of Contents:**

1. Introduction
   1. Project objective
   2. Functionalities in scope
   3. Functionalities and tests out of scope
2. Test process
   1. Test planning
   2. Test analysis
   3. Test design
   4. Test implementation
   5. Test execution
   6. Test closure
   7. Test monitoring and control
3. Test deliverables
   1. Test plan
   2. Test conditions
   3. Test cases
   4. Daily test summary reports
   5. Traceability matrix
   6. Test case results
   7. Bugs report
   8. Test completion report

**1. Introduction**

Travelminit.ro is a website that provides booking services for accommodations in Romania and countries in Central and Eastern Europe. This website aims to provide the best services for every customer.

This test plan defines all the activities and decribes the steps taken in the process of testing travelminit website various functionalities.

<https://travelminit.ro/>

* 1. **Project Objective**

The objective of this project is to ensure that the client`s standards and requirements regarding the product are met. Functional accuracy and seamless user experience for travelminit website before releasing the final product for our customer is the main focus for our team.

* 1. **Functionalities in scope**

This release verifies travelminit website`s functionalities:

- user should be able to register for a new account

- user should be able to edit account info

- user should easily search accommodations through the website

- user should be able to add an accomodation to favourites list

- user should easily make a reservation

- user should be able to easily book an accomodation

- user should receive clear error messages

- user should be able to browse the webpage on various devices using Chrome browser

- website should be user-friendly

**1.3 Functionalities and tests out of scope**

Non-functional testing like stress, performance, security, localization and accessibility is beyond scope of this project.

No QA support for mobile applications developed. Only web applications will be tested.

Automation testing is beyond scope.

1. **Test process**
   1. **Test planning**

**Roles and responsibilities**

|  |  |
| --- | --- |
| Name and role | Responsibilities |
| Project manager - Roger Mangianello | - facilitates communication with the clients so the team is notified about updates or any issues that may appear  - will plan and monitor the testing process to certify and to be able to address the issues that may appear during the progress of the project  - develops the test plan and identifies the potential risks in the testing process in order to mitigate the risks  - coordinates the QA team in order to ensure the quality of the project progress and team performance  - ensures continuous project team improvement through mentoring and training team members |
| Product owner - Silvester Rowner | - establishes and approves the design and functionality of the product  - maintains the collaboration with the developing team and business associates  - evaluates and makes decisions about the product`s scope and priorities |
| Software developer - Devon Boots | - implements the design  - writes and reviews the code  - reports periodically  - collaborates with the testing team  - manages reported defects |
| QA Engineer - Ignat Bianca | - designs and prepares test cases based on received specifications and requirements  - creates scenarios to verify the developed test cases  - performs functionality tests accordingly to the test plan and test cases  - executes tests following the test cases  - documents the testing plan  - reports defects found |

**Entry criteria:**

* requirements are approved
* design and mock-ups are available and approved
* smoke test is passed, the latest version of the website is available for testing
* test data must be available
* test cases are reviewed and approved
* development of the tested modules is complete
* testing tools are set up and available

**Exit criteria:**

* all test cases executed
* test coverage achieved
* management of defects by fixing the bugs
* test completion documentation is prepared

**Risks:**

* possible errors in documentation and requirements
* system integration risks with third party associates
* web app is exposed to fraud which could affect clients trust
* legal changes that can appear during development process
* usability and performance problems
* technical errors from hosting services
* low quality location services
* negative feedback from users

**2.2 Test analysis**

* we plan on running a full regression test on the current version
* we plan on running Black Box testing

**2.3 Test design**

Functional test cases were created in Zephyr Squad based on the analysis of the specifications. The test cases can be accessed here \*\*(inserati linkul catre fisierul cu testele, in format pdf, word sau csv)\*\*

**2.4 Test implementation**

* all the test data is available and reviewed (test data = destinations, nonfunctional URLs, user info)
* the testing for this project will consist of unit testing, system testing, acceptance testing, functional and usability testing
* the testers will perform Black Box testing the functional and GUI specifications of travelminit website

**2.5 Test execution**

* The tests will be executed on Google Chrome browser on laptop or PC

**2.6 Test closure**

* at least 90% of the tests have passed
* there were identified defects that were fixed during the developing process

**2.7 Test monitoring and control**

* daily defect reports
* defects will be reported
* ensuring communication with the team
* collect data
* risk management
* progress tracking

1. **Test deliverables**
   1. **Test plan** https://itfclasses.atlassian.net/projects/IGB/versions/10433/tab/release-report-all-issues
   2. **Test conditions**

Based on the business requirements validated in the test analysis phase, test conditions will be created and they will represent the characteristics to be tested and later transformed into test cases.

* 1. **Traceability matrix**https://itfclasses.atlassian.net/projects/IGB?selectedItem=com.thed.zephyr.je\_\_traceability-project-level
  2. **Schedule** - we have 3 days of testing  
      - we have 31 regression tests  
      - in order to finish the regression, run we would need to run ~3 tests/day

**4. Approval by:**

**Andy Sinpetrean – Product Owner**

**Dan Silaghi – Business Analyst**

**Lidia Popa - QA Senior Manager**

**Paula Nan – Scrum Master**