**Introduction**

This document was created to describe the procedure of the testing process of the Header and Profile page within the "Hillel auto" web-site. The application is aimed at helping car users to track fuel expenses, find helpful tutorials for using and repairing their cars. This testing process contains: UI-check based on a mockup made with figma; navigation within the Header and Profile page; editing of profile information entered while registration. Also it includes negative testing for profile information editing. Test plan meant to be used for visual and basic interactivity testing, without backend or business logic testing.

It includes items to be tested, describes approaches that will be used while testing, entry and exit criteria, environments needs, test responsibilities, risks and contingencies.

**Test items**

The following is a list of components and functions to be tested:

1. UI-check of Header page and Profile after registration based on a mockup made with figma
2. Header and profile page navigation
3. Save and edit of a user profile
4. Upload a photo

**Approach**

Non-functional testing types that would be executed: usability testing, user interface testing and compability testing - checking the interaction of the website on different browsers (Chrome, Firefox, Safari). An analysis of the requirements specification forms the basis for planning, estimating and designing tests. Test cases will be based on requirements and exploratory testing.

Tools for testing: Test case Lab and Jira.

Devices on which the website will be tested: HP Laptop 15s-fq5xxx; Galaxy A53 5G.

Browsers in which the website iteration will be tested: Google Chrome browser, version 130.0.6723.117 (Official Build) (64-bit); Firefox (latest); Safari (latest).

|  | **HP Laptop 15s-fq5xxx** | **Galaxy A53 5G** |
| --- | --- | --- |
| Google Chrome browser, version 130.0.6723.117 |  |  |
| Firefox (latest) |  |  |
| Safari (latest) |  |  |

The project uses an agile approach, with iterations every two days.

**Entry/Exit criteria**

Entry criteria:

* moqups are completed, website requirements are availabile;
* test cases are written;
* test engineers are assighned;
* test environment is prepared.

Exit criteria:

* all test scenarios are completed;
* defects are found and fixed;
* the schedule has been achieved.

**Environments needs**

HP Laptop 15s-fq5xxx, Windows 11 Pro: Google Chrome browser, version 130.0.6723.117 (Official Build) (64-bit); Firefox (latest); Safari (latest).

Galaxy A53 5G: Chrome 121.0.6167.101.

**Responsibilities**

| **Role** | **Staff member** | **Responsibilities** |
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| Project manager |  | 1. Managing the testing process 2. Providing all the needed resources for the testing activities |
| QA Lead |  | 1. Managing the QA team from a technical perspective 2. Planning and organization of test process 3. Report progress on work assignments to the project manager |
| QA engineer |  | 1. Analysing and understanding of requirements 2. Writing and executing test cases 3. Finding and reporting defects 4. Reviewing test cases |

**Risk and contingencies**

Risk 1: Insufficient requirements: requirements may be incomplete, inconsistent or unclear.

Precautionary measure: once again discuss the requirements and agree mockups with the client before starting the process of testing.

Risk 2: Compatibility issues on different devices and browsers: interface elements may not display correctly or work on different browsers.

Precautionary measure: conducting of the cross-browser testing to check the performance of the website in different browsers.

Risk 3: There are not enough team members with the necessary experience and skills: this can cause delays in tasks, mismanagement of the project, or incomplete testing coverage or omission of important aspects.

Precautionary measure: promptly identify gaps in the performance of tasks due to a lack of qualified specialists; redistribute resources (time, tasks) or hire additional specialists (specialists from outsourcing companies can be involved).