Test Plan - Stranger List

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1) Introduction

In this test plan I'm going to explain how to execute the test cases to complete successfully with the quality of the app and how to automate the test cases and generations of reports.
I'll use the page object model that is a design pattern for automation.
I'll create functional test cases manual and automated.

1.1) Scope

1.1.1) In Scope:

- Functional test cases, automated tests, main functionalities, behavior of the website.
- Testing considers desktop and mobile versions.

1.1.2) Out of Scope:

- In this test plan I not consider the following types of testing: **Performance testing, security testing, accessibility testing**.

  *Note: at the moment, maybe in the future can include these.

1.2) Quality Objective

Achieve the good quality of the website and that the issues found are fixed before deployed in production.

1.3) Roles and Responsibilities

- **QA Tester:** Luis Peralta - Assurance the quality of the product, creation and executed test cases manual and automated.
- **Developers backend and frontend**
- **Teach Lead**
- **Product Owner**
- **Business Analyst**
- **Project Manager**
- **Designer UX/UI**

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2) Test Methodology

2.1) Overview

I'll use agile methodology to complete all test cases because this way I work more efficiently with tools like jira and kanban with daily tasks to complete.

2.2) Test Levels

- Testing UI end to end which includes.
  Functional tests, exploratory testing, smoke tests, regression tests, automated tests.

2.3) Bug Triage

- All bugs found should be fixed in the next sprint and the developer is responsible to warn the tester assigned to re-test.

2.4) Suspension Criteria and Resumption Requirements

- When the developers are fixing your issues assigned and then they will deploy again, the executions are suspended at this moment.
- When the developers have deployed successfully the web and they notify the tester, it will be tested again.

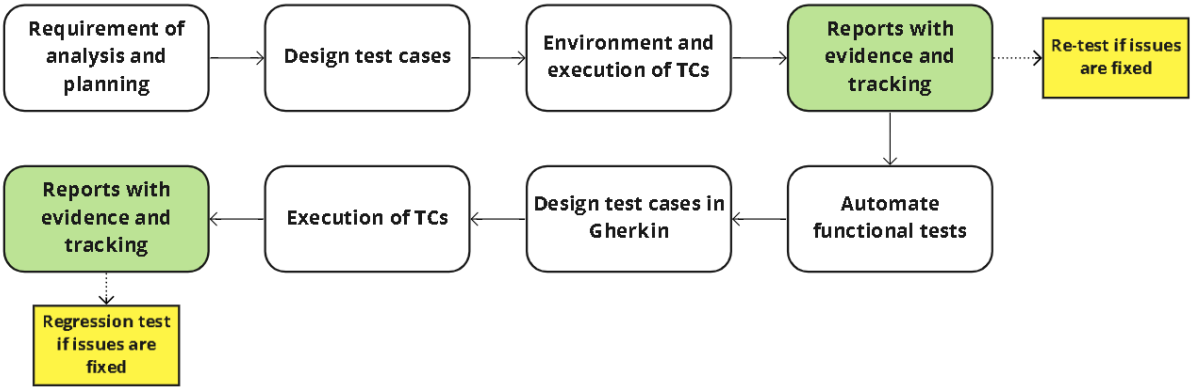
2.5) Test Completeness

- 100% test pass success.
- Bugs reported to the developers and assigned on Jira.

- Bugs fixed and notified.
- Manual and automated tests were executed.

3) Test Deliverables

value delivery:



4) Resource & Environment Needs

4.1) Testing Tools and anothers used for this project:

- Jira
- Java / maven
- Selenium
- Serenity
- Cucumber
- JUnit
- Docker
- Excel
- Github / git
- Miro / Notion / Word

4.2) Test Environment

I'll use the following environment:

- PC with windows 10 64bits
- Intel Core i5-7600
- 12GB RAM
- Chrome V.101.0.4