

# QA2020 Test Plan

## Project “CALIFORNIA MARKETING”

Date	Version	Description	Author
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Website <a href="https://qasvus.wixsite.com/ca-marketing">https://qasvus.wixsite.com/ca-marketing</a>	Version 1.0
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### Revision History

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# Test Plan

## 1. Introduction

### 1.1 Purpose

The purpose of the given Test Plan is the testing description of a website Project “CALIFORNIA MARKETING” (full address - <https://qasvus.wixsite.com/ca-marketing>). The document helps to gain a better understanding about the scheduled work of a testing project.

### 1.2 Background

PROJECT – is a website which gives the opportunity to get some interesting information about some products; it also gives the opportunity to find out the information, to look for data to search new opportunities for your business , to achieve some knowledge about the product described.

## 2. Scope

The goal of testing the website is the thorough verification of all the features in different browsers, their versions with the typical scripts of its usage.

The final results of the testing process will be the following documents:

- the report about the testing results;
- documented bugs in the client’s bug tracking system.

The testing will be manual, FrontEnd testing by Selenium and Test AP by PostmanI.

## 3. Test Strategy

As a result of the first testing cycle, where the functional tests take place, there will be some corrections and additions made and put into the Test Plan. The first cycle will give the definite understanding about the system stability and will help to define the necessary test suite which will be executed shortly. Such methods will give the opportunity to get a detailed report about the product and will attract the attention towards weak spots.

The client will be given all daily reports about the testing process, bugs found, propositions about the improvements should be made. All the bugs found will be added to the bug tracker for further corrections and fixes. While testing the website, ad-hoc type of software testing will be implemented in view of strict specification absence.

There are five stages of testing are planned:

- the first stage – analysis, Test Plan creation, partial fulfillment of some functional tests;
- the second stage will be devoted to the detailed fulfillment of functional tests uncovering and describing the bugs;

- the third stage – Cross Browser testing with uncovering and description the defects (bugs);
- the fourth stage is fixed bugs check and Regression testing fulfillment;
- the fifth stage lies in User Interface testing with uncovering and describing the bugs.

Such a testing system allows fulfilling detailed testing and preventing, fixing bugs on early stages.

OS:

- Windows 7

Browsers:

- Google Chrome (latest)

Security and Load tests are not held in view of the lack of time.

## **4. Testing Types**

### **4.1. Manual FrontEnd Testing**

#### **4.1.1. Positive functional tests.**

Process Description:

*Registration/Logging in*

- Login by valid user

*User's Menu*

- My Addresses menu
- Add new address with correct data
- Edit existing address
- Remove existing address
- Make existing address default

#### **4.1.2. Negative functional tests.**

Process Description:

*Registration/Logging in*

- Login by invalid user

*User's Menu*

- Add new address with incorrect data
  - Input number in Name's fields
  - Save address with empty data
  - Save address with empty address field

- Edit existing address
  - Input number in Name's fields
  - Save address with empty data
  - Save address with empty address field

#### **4.2. Automation FrontEnd Testing Selenium**

Process Description:

- Authorization by Facebook, Google, Email
- Add new address with correct data
- Edit existing address
- Remove existing address
- Make existing address default

#### **4.3. Automation API Testing Postman**

Process Description:

- Get all addresses
- Add new address with correct data
  - Validate schema of response
- Get last address
  - Validate schema of response
- Edit existing address
  - Test response body
- Remove existing address
  - Test response body
- Negative test Authorization
  - Status code 401

Common tests

1. Status code 200
2. Response time <1000ms
3. Response must be valid and have a body
4. Response size is less than 10KB
5. Test header: valid keys and values

## 5. Scheduled Work

Task	Volume of work	Starting date	Expiry date
Test Plan Creation	16 hours	04.03.2020	04.04.2020
Test Execution	24 hours	04.04.2020	04.07.2020
Analysis of testing	16 hours	04.08.2020	04.10.2020
Summing-up	8 hours	04.11.2020	04.12.2020

## 6. Final Results. Conclusion

The final result is a documented final result of testing process with the bug descriptions and also with some recommendations and suggestions for further improvement of the given product from the user's point of view.

Result is in the Google sheet table.