

# California Marketing Test Plan

This will be the test plan for California Marketing, a website created by Wix.

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## 1. Introduction

The website for California Marketing provides clients necessary products such as shirts, shoes, lipstick, etc. but with that being possible, the website needs to be on par with modern website standards, with quality assurance in mind.

## 2. Scope

The test plan regards GUI, positive/negative testing, ad-hoc testing as well as border testing. The data needs to be valid and match the actual result from the expected result.

## 3. QA Objectives

The primary objective is to assure the website will have no errors and frustration-inducing bugs to our clients. The website will have to be almost perfect and provide a user-friendly experience for a quality product such as the California Marketing website.

Whereas the secondary objective is to report all the issues to the team so that they may assist in finding similar issues and having them addressed as soon as possible before the product becomes public.

## 4. Test Approach

The approach to testing was used with attention to detail in mind and meeting testing requirements for optimal results. Test cases will be done with exploratory testing and ad-hoc testing where it is applicable.

## 5. Entry and Exit Criteria

### Entry Criteria

1. Test data should be available to diagnose
2. All documentation, designing and requirement information should be available that will allow testers to operate the system and judge the correct behavior.
3. All software tools must be installed and functioning properly.
4. Testing hardware such as a PC should be configured properly with little to no system corruption.

## Exit Criteria

1. No bugs are left without reporting and analysis
2. A sufficient level of requirements has been covered
3. All areas have been tested
4. The reporting was all done within or ahead of schedule.

## 6. Suspension and Resumption Criteria

### Suspension

1. Major software/hardware issues such as corrupted files or max CPU/RAM usage.
2. Significant change in requirements requested by client or employer.
3. Build contains very serious defects that limit or even pause the testing process.
4. Resources that aren't available for use when needed.

### Resumption

1. Resumption will occur when all problems suspending the testing process have been resolved to allow further progress.

## 7. Test Strategy

### QA role in test process:

- Comprehending the requirements needed from the clients.
- Requirement specifications will be sent by the client.

### Preparing Test Cases:

- QA will be preparing test cases based on the exploratory testing, as well as positive, negative and ad-hoc testing. This will cover all scenarios for requirements.

### Preparing Test Matrix:

- QA will be prepared with a testing matrix which maps test cases to respective requirements. This will ensure requirements will be met

### Reviewing Test Cases and Matrix:

- Review for test cases and test matrix will be conducted by QA Lead.
- Any comments or suggestions on test cases and test coverage will be provided by reviewer
- Suggestions or improvements will be updated by the tester and sent to QA Lead for approval.
- Updates and improvements will be reviewed and approved by the reviewer.

### Creating Test Data:

- Test data will be created by respective QA based on scenarios and Test cases.

### Executing Test Cases:

- Test cases will be executed by respective QA based on designed scenarios, test cases and Test data.
- Test result (Actual Result, Pass/Fail) will be updated in test case document

### Defect Logging and Reporting:

QA will be logging the defect/bugs in Excel spreadsheet and JIRA, found during execution of test cases.

### Retesting and Regression Testing:

- Retesting for fixed bugs will be done by respective QA testers once the issue is resolved by corresponding developer and bug/defect status will be updated accordingly. In certain cases, regression testing will be done if required.

### Deployment/Delivery:

- Once all bugs/defect are reported after complete testing is fixed and no other bugs are found, report will be delivered to the client, along with sample output by email to respective lead and Report group

### Bug life cycle:

- All the issues found while testing will be logged into JIRA.

## Resources and Environment Needs

Testing Tools:

Process	Tools
Test Case Creation	Google Docs, JIRA
Test Case Tracking	JIRA, Confluence
Test Case Execution	Manual, Postman API, Selenium IDE, Lighthouse, GTMetrix
Test Case Management	Google Docs, JIRA, Confluence
Checklist Creating	Google Docs, JIRA
Test Reporting	JIRA

Test Environment x Support level 1 (browsers):

- Windows 10 : Edge, Chrome, and Opera
- Android 11: Chrome, DuckDuckGo