

CMSC 447  
Software Test Report (STR)

I hereby accept this document as complete.

Signature:

Date:

5/15/2018

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# **1 Scope**

## **1.1 Identification**

This document refers to the Code Fury Website

## **1.2 System overview**

This system aims to provide users with an interactive map of the United States marked with areas that satisfy their lifestyle preferences

## **1.3 Document overview**

The purpose of this document is to describe in detail the results of the test cases outline in the Software Test Description (STD).

# **2 Referenced documents**

- Software Test Description (STD)
- Software Requirements Specification (SRS)

# **3 Overview of test results**

## **3.1 Overall assessment of the software tested**

The website passed all the tests and is in a state that is considered acceptable by the customer. A remaining deficiency in the user interface is that modals appear in front of the search criteria menu.

- Layering of modals has no effect on the overall acceptability of the project and was not the subject of testing.

## **3.2 Impact of test environment**

All tests were performed on a server which can handle a small number of users. A real environment may encompass thousands of users which may cause test results to be inconsistent with real world results.

## **3.3 Recommended improvements**

The user interface could be improved with removal of unnecessary portions of the website that remain from older versions. This portion includes the scope modifier, which was replaced by google markerclusterer, and is still present at the top right corner of the website.

# **4 Detailed test results**

This section shall be divided into the following paragraphs to describe the detailed results for each test. Note: The word "test" means a related collection of test cases.

## 4.1 T2 – (Front End)

### 4.1.1 Summary of test results

1. T2.1 Correct Query (STD)	All results as expected
2. T2.2 Working GUI (Graphical User Interface) (STD)	Problems encountered

### 4.1.2 Problems encountered

No Problems encountered

#### 4.1.2.1 T2.2 – Working GUI

Helper text modals appeared behind the search criteria menu when browser window size is too small. This was seen when testing that the GUI was working correctly. Test was repeated 10 times to fix problem.

## 4.2 T3 – (Back End)

This paragraph shall identify a test by project-unique identifier and shall be divided into the following subparagraphs to describe the test results.

### 4.2.1 Summary of test results

1. T3.1 Correct Results (STD)	All results as expected
2. T3.2 Speed (STD)	All results as expected

### 4.2.2 Problems encountered

No problems encountered

## 5 Test log

Test Performed	Date of Test	Software Configuration
T2.1 Correct Query	5/12/2018	Apache 2.4.33
T2.2 Working GUI	5/12/2018	MySQL 5.7
T3.1 Correct Results	5/12/2018	PHP 7.0
T3.2 Speed	5/12/2018	Python 3.6

To run the test script a local version of the MySQL database must be set up.