



Test Strategy

ReadySetResource.com

Contents

[Testing Approach 3](#_Toc515357571)

[White Box Testing 3](#_Toc515357572)

[Black Box Testing 3](#_Toc515357573)

[Accessibility Testing 3](#_Toc515357574)

[Test Strategy Work Log 4](#_Toc515357575)

# Testing Approach

I used testing iteratively throughout all stages of my project to see if what I was writing and diagramming made sense and tried to see different perspectives and use cases which enabled me to change and modify documentation and approaches to following stages of the process.

Regarding testing for my code, my testing is going to break down into each section of my website (/home/ - /get/ - /legal/ - /apps/) and then further concentrate on each of the following:

* Requirements - This will test that the requirements are fulfilled for that section
* Links - This test will ensure that all links work in the website
* Input Validation - This test will ensure that all data inputted into the system is valid
* Actions - This will test any actions such as data being saved to or generated

Each aspect will be tested throughout the development of the project but may not meet all the criteria and have small bugs that could go unnoticed and thus the Test Cases will ensure that the system works as expected.

# White Box Testing

White box testing is concerned with testing the internal workings of the website such as the path that the code takes and the methods that are called. I will use white box testing throughout the development of my website to be able to use breakpoints and other debugging tools and pinpoint the exact location of the syntax or logic error.

# Black Box Testing

Black box testing on the other hand is concerned with testing the system’s requirements. You cannot see the code and are unfamiliar with how it works so that you can input data and use the system as an unbiased user. It concentrates on fulfilling the requirements of the project and I will use it after completing my program.

# Accessibility Testing

Accessibility testing ensures that the project will be able to be used by people with different needs and requirements. This type of testing will be out width the scope of this project but must be considered in the future so that all types of users can be able to use the system easily and efficiently.

# Test Strategy Work Log

| Entry | Description | Person | Date | Mins Spent |
| --- | --- | --- | --- | --- |
| 1 | Formatted the document | Aidan Marshall | 29/5/18 | 4 |
| 2 | Wrote the approach | Aidan Marshall | 29/5/18 | 12 |
| 3 | Talked about white box testing | Aidan Marshall | 29/5/18 | 10 |
| 4 | Descried black box testing | Aidan Marshall | 29/5/18 | 8 |
| 5 | Talked about accessibility testing | Aidan Marshall | 23/5/18 | 6 |
| 30 | | | | |