**Test Plan**

**Zambisa Warrior**

# Annas Isa

## June 2021

*Channel Log*

|  |  |  |  |
| --- | --- | --- | --- |
| **Version** | **Change Date** | **By** | **Description** |
| V1 | June 21th, 2021 | Annas Isa | Added preliminary testing plan |
|  |  |  |  |

Table of Contents

1. ***INTRODUCTION .............................................................................................................. 4***
   1. **Scope ................................................................................................................................4**
      1. In-Scope .................................................................................................................................... 4
      2. Out of Scope …........................................................................................................................... 4
   2. **Quality Objective ...............................................................................................................4**
   3. **Roles and Responsibility.....................................................................................................4**
2. ***TEST METHODOLOGY ..................................................................................................... 4***
   1. **Overview ...........................................................................................................................4**

**2.2** **Test Completeness .............................................................................................................4**

1. ***TEST DELIVERABLES ........................................................................................................ 4***
2. ***RESOURCES & ENVIRONMENTS NEEDED ......................................................................... 5***
   1. **Testing Tools ......................................................................................................................5**
   2. **Test Environment ...............................................................................................................5**

### 1INTRODUCTION

Brief introduction of the scope, strategies, processes, and workflow used in Zambisa Warrior.

1.1Scope

1.1.1 In-Scope

Local Unit Test: To test the logic of the code.

#### 1.1.2 Out of Scope

Instrumentation and User Interface Test.

1.2Quality Objective

* Ensure the Application Under Test (AUT) conforms to functional and nonfunctional requirements
* Ensure the AUT meets the quality specifications defined by assignment instructions
* Bugs/issues are identified and fixed before submission
* All automated tests pass.
* All methods are tested separately during AUT

1.3Roles and Responsibility

|  |  |  |
| --- | --- | --- |
| **Name** | **Student Email** | **Role** |
| Annas Isa | aisa1@athabasca.edu | Full Stack Developer |
|  |  |  |

### 2TEST METHODOLOGY

2.1Overview

For testing we will focus on creating the automated tests as we code. It’s important to have working code but it’s also important to have strong tests that cover all layers of our project. Each feature will have user stories and each of those user stories must have at least one test associated with it, developed alongside the code itself.

2.2Test Completeness

Minimum requirements for test completeness:

* 100% test coverage of all logic functions
* All tests automated and all test cases executed
* All open bugs relating to features fixed

### 3TEST DELIVERABLES

* Test Plan
* Test Suites
* Test Failure Logs
* Bug Reports

### 4RESOURCES & ENVIRONMENTS NEEDED

4.1Testing Tools

* Local Computer
* Jest

4.2Test Environment

* Visual Studio Code