Test Plan

Bowlstrike.py

# Analyse the product

Who will use the website?

What is it used for?

How will it work?

What are software/ hardware the product uses?

# Test Strategy

## Testing Scope

The components of the system to be tested (hardware, software, middleware, etc.) are defined as "in scope"

The components of the system that will not be tested also need to be clearly defined as being "out of scope."

## Testing Type

Which Testing Types should be focused for web application testing?

Which Testing Types should be ignored for saving cost?

## Test Logistics

Who will test?

When will the test occur?

# Testing Objective

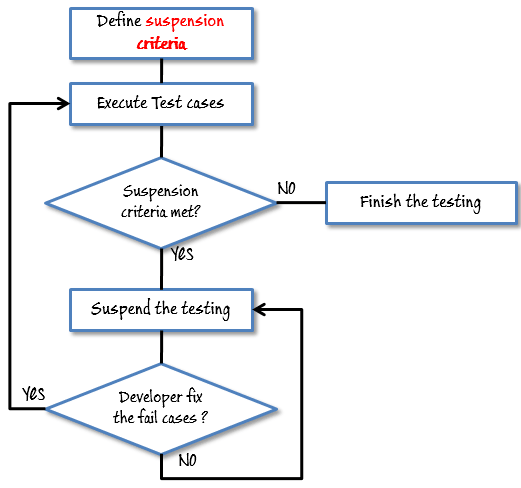
List all the software features (functionality, performance, GUI…) which may need to test.

Define the target or the goal of the test based on above features

# Test Criteria

Suspension Criteria

Test Plan Example: If your team members report that there are 40% of test cases failed, you should suspend testing until the development team fixes all the failed cases.



Exit Criteria

Some methods of defining exit criteria are by specifying a targeted run rate and pass rate.

# Resource Planning

Human resource

|  |  |  |
| --- | --- | --- |
| No. | Member | Tasks |
| 1. | Test Manager | Manage the whole project  Define project directions  Acquire appropriate resources |

System Resource

|  |  |  |
| --- | --- | --- |
| No. | Resources | Descriptions |
| 1. | Server | Install the web application under test  This includes a separate web server, database server, and application server if applicable |
| 2. | Test tool | The testing tool is to automate the testing, simulate the user operation, generate the test results  There are tons of test tools you can use for this project such as Selenium, QTP…etc. |
| 3. | Network | You need a Network include LAN and Internet to simulate the real business and user environment |
| 4. | Computer | The PC which users often use to connect the web server |

# Test Environment

A testing environment is a setup of software and hardware on which the testing team is going to execute test cases.

# Schedule & Estimation

|  |  |  |
| --- | --- | --- |
| Task | Members | Estimate effort |
| Create the test specification | Test Designer | 170 man-hour |
| Perform Test Execution | Tester, Test Administrator | 80 man-hour |
| Test Report | Tester | 10 man-hour |
| Test Delivery |  | 20 man-hour |
| Total |  | 280 man-hour |

### Test Deliverables

Test deliverables are provided **before** testing phase.

* Test plans document.
* Test cases documents
* Test Design specifications.

Test deliverables are provided **during** the testing

* Test Scripts
* Simulators.
* Test Data
* Test Traceability Matrix
* Error logs and execution logs.

Test deliverables are provided **after** the testing cycles is over.

* **Test Results/reports**
* Defect Report
* Installation/ Test procedures guidelines
* **Release notes**