**Test Plan**

**SCOPE**

This test plan should test an open-source software, that has been abandoned by its owner, and to see if the webserver is stable enough to be used by a customer from Software Development Company (SDC). This web server will be used for Internet of Things applications.

**Purpose -** The purpose of this test plan is to know if the system fulfils the requirements as stated in the requirements and to make sure everyone outside the test team such as developers, business managers, and customers understand the details of testing.

**Scope -** Manual Testing will be used to test the different scenarios and use cases and Load Testing will be used to check if all the functionality works.

**Goal -** The goal of this test plan is to see if the server is suitable for SDC and find any kind of bugs that exists in the webserver.

**TEST REQUIEREMENTS**

**1.** The web server should be responsive under high load.

**2.** The web server must follow minimum requirements for HTTP 1.1

**3.** The web server must work on Linux, Mac, Windows\*.

**4.** The source code should be released under GPL-2.0.

**5.** The access log should be viewable from a text editor.

**TEST APROACH**

**Test-level**

The plan for this iteration is to perform manual tests to verify the current state of the web server application.

*Roles and responsibilities of each team member:*

**Test leader -** Builds up and leads the Testing Team to a successful project, defining the scope of testing, deploying and managing resources for testing.

**Product owner -** Defines the vision, manages the product backlog prioritizing needs when it comes to scope weighing, budget and time according to the needs and objectives of stakeholders.

**Software Tester -** Reads all the documents and understands what needs to be tested. Is responsible for conducting the testing, thereafter, analyse the results and then submit his observations to the development team and informs the Test Leader about what resources will be required for software testing.

**Scrum Master -** Protects the team from outside interruptions and distractions, establishes a healthy environment where the team can be effective, addresses team dynamics and ensures a good relationship between the team and product owner as well as others outside the team.

Types of Testing

Manual Testing and Load Testing using J Meter.

**RISK ANALYSIS**

* List all risks that you can estimate

//complete this shit

* Give a clear plan to mitigate the risks also a contingency plan

//I do it (Leo) after u give me the risks