Test Strategy

Introduction:

In this test strategy, the main aim is to show how testing needs to be conducted and to explain the test design needed for the SDC company's project. The goal of the stackholders will be fullfilled using different types of tests such as load tests, unit tests and function tests. However, this testing approach will be more thoroughly described in the test plan.

Stakeholders:

- The Software development Company (SDC) : aims to create an easy to use project that can be accessed on different devices.

- The tester: aims to setup the project with the least configurations.

- The customer: will have an easy and secure access to the project.

Resources:

- One SDC tester who has the responsabilty of creating a test strategy, a test plan, test cases and a test report using the different testing techniques.

Tools:

- JUnit: for unit testing
- JMeter: for load testing

Deliverables:

- Test Plan: shows the objectives, scope and testing aproach

- Test Strategy: decides how testing needs to be conducted and explains the test design.

- Test Cases

- Test Report: shows the results of each test case along with an assessment of these tests.