

Strategy

Stakeholders and testing goals

The company SDC's testing goal is to make sure the product is compatible with IoT and is working flawlessly. The goal for the SDC Employee is to evaluate and test so that the existing code is working to fulfill all the requirements from the company management, and if it does not properly fulfill the requirements, evaluate if the product is still usable. SDC Management wants to see if the code runs with the company's requirements and that it's still working, the SDC management wants the tests to have a minimum of 90% coverage and that 95% of the tests should pass.

IoT developers want easy configuration and installation for their different areas of work, so it is important to test that the web-server works on different devices and browsers.

End-customers main concern is security and easy access.

Resources

There will be two testers working on the project, so called pair testing, they will be referred to as tester one and tester two. The total time to spend on the project will be minimum 40h. There will be 2 computers with windows as operating systems available, visual studio code will be used along with Java. Postman and Jmeter will also be used during testing.

How to reach the goals

The goals will be reached by writing and executing manual tests, the time plan will be estimated to 5h/day in 8 days to reach these goals.