Test Automation Project Plan

This document outlines the plan for developing a test automation project. The goal is to improve the efficiency and reliability of the testing process by automating repetitive and time-consuming tasks.

Scope

The test automation project will cover the following areas:

- Functional testing

Tools and Technologies

- **Selenium**: For web application testing.
- **JUnit/TestNG**: For test case management and execution.
- **Maven**: For build automation.
- **TestNG.xml**: Running bulk tests as xml
- **Git/Github**: For version control.
- **Allure Report**: Reporting tool

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Project Timeline

- **Week 1:** Requirement analysis and tool selectioni,
- **Week 1:** Framework design and setup.
- **Week 1:** Script development and initial test execution.

Roles

- **Test Automation Engineer**

Test Case Steps

1. Go to https://www.amazon.com.tr/
2. Verify that you are on the home page
3. Type 'samsung' in the search field at the top of the screen and perform search.
4. Verify that there are results for Samsung on the page that appears.
5. Click on the 2nd page from the search results and verify that the 2nd page is
6. currently displayed on the page that opens.
7. Go to the 3rd Product page from the top
8. Verify that you are on the product page
9. Add the product to the cart
10. Verify that the product has been added to the cart
11. Go to the cart page
12. Verify that you are on the cart page and that the correct product has been added to
13. the cart
14. Delete the product from the cart and verify that it has been deleted
15. Return to the home page and verify that it is on the home page