



# Software Quality Engineering

## Project Report – Automation Testing in Selenium

The document addresses the project description and the techniques used in it.

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# Overview:

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The Project tests a famous online shopping website **<http://www.aliexpress.com>** using the selenium toolkit for automation testing and generates a test report in an excel format file. A total of 12 tests have been written in order to test the website, depending upon the internet tests either pass or fail. The excel file contains Test ID, Test Description, Test Status, Test Type and Test Date. The excel file appends next tests run if the user enters same excel file name.

## Project Completion Status:

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A set of requirements were asked to complete in the project, but due to time limit following aspects were not covered properly in it.

### Regression Testing:

Regression testing covers the area where one makes sure that change in the website does not modify the previous tests and functionality. In this case, I couldn't do that since I am not the owner of website under testing. However, if I were the owner of website then regression testing could've been done easily. This testing is done in such cases where one is developing something by own.

### Generalized Testing:

Using this approach is a very effective because it follows a defined way of tests and components since the developer doesn't have to look into the code and get the elements by their id's etc. In my tests, I couldn't add this approach because of time limit and exams starting.

### Github Link:

[www.github.com/ahad1234/SQE\\_Testing.git](https://github.com/ahad1234/SQE_Testing.git)