**Id**: 1753102

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**Test project**: 1753102\_testproject1

**Automated test answe**r:

**-** **Why test automation:**

+ Save time and money: Every time source code is modified software tests should be repeated. For each release of the software it may be re-tested on all test cases. Manually repeating these tests is costly and time consuming. Automated tests can be run over and over again at no additional cost and they are much faster than manual tests.

+ Improve accuracy: Even the most skilled tester will make mistakes during manual testing. Automated tests perform the same steps precisely every time they are executed and never forget to record detailed results. Testers will have more time to create new automated software tests and deal with complex features.

+ More than an error: Automation testing can do more than just testing a test case. Automated record the detailed results such as memory contents, data tables, file contents, and internal program states,…every time it executes. So developer team can detect if the software was running as expected.

(thanks to: <https://smartbear.com/solutions/automated-testing/>)

**- When use test automation:**

+ When you have to run test cases a lot number of times in a test cycle.

+ When test cases are getting very tedious and you are not able to perform them manually.

+ When test cases are so complex and you may often make mistakes when testing these cases.

+ When you need to test cases on different web browsers you need automation testing.

(thanks to: <https://www.quora.com/When-should-you-use-automation-testing>)