Manual testing is an activity where the tester needs to be very patient, creative &  open minded.

They need to think and act with an End User perspective.

[Manual Testing](https://www.guru99.com/manual-testing.html) is performed by a human sitting in front of a computer carefully executing the test steps.

Manual Testing is a type of Software Testing where Testers manually execute test cases without using any automation tools. Manual Testing is the most primitive of all testing types and helps find bugs in the software system.

Any new application must be manually tested before its testing can be automated. Manual Testing requires more effort but is necessary to check automation feasibility.

Manual Testing does not require knowledge of any testing tool.

The key concept of manual testing is to ensure that the application is error free and it is working in conformance to the specified functional requirements.

Test Suites or cases, are designed during the testing phase and should have 100% test coverage.

It also makes sure that reported defects are fixed by developers and re-testing has been performed by testers on the fixed defects.

Basically, this testing checks the quality of the system and delivers bug-free product to the customer.

**How to perform Manual Testing**

1. Read and understand the software project documentation/guides. Also, study the Application Under Test (AUT) if available.
2. Draft Test cases that cover all the requirements mentioned in the documentation.
3. Review and baseline the test cases with Team Lead, Client (as applicable)
4. Execute the test cases on the AUT
5. Report bugs.
6. Once bugs are fixed, again execute the failing test cases to verify they pass.

Extra information about manual testing.

1. Manual testing requires human intervention for test execution.
2. Manual testing will require skilled labour, long time & will imply high costs.
3. Any type of application can be tested manually, certain testing types like ad-hoc and monkey testing are more suited for manual execution.
4. Manual testing can become repetitive and boring.



