Q# 3. <u>Some important tests could also be performed:</u>

<u>Functional Testing:</u> Functional testing is a type of testing which verifies that each function of the software application operates in conformance with the requirement specification. This testing mainly involves black box testing and it is not concerned about the source code of the application. Here we test all links, make sure there are no broken links like:
outgoing, internal, e.t.c.

Some Functional test like:
- Smoke Test
- Sanity Test
- Integration Test
- Interface Test
- Regression Test
- User Acceptance Test (UAT).

<u>Usability Testing:</u> Tests the site navigation.
- Can we navigate the page back and forth
- After Sign In, close the app, open app again and verify if user is still logged in
- Change password and try to login using old password, e.t.c.

<u>Non Functional Testing:</u> Non-functional testing is done to verify the non-functional requirement like Performance, Usability etc. It verifies if the behavior of the system is as per the requirement or not. It covers all the aspects which are not covered in functional testing.

- **Performance Testing:** like
  - Load testing: what is the number of users per time
  - Stress Testing: performance of memory, cpu, e.t.c.

- **<u>Compatibility Testing:</u>**
- Perform cross-browser testing: (chrome, firefox, IE, Opera, safari)
- Perform cross-platform testing: Some functionality in the application may not be compatible with all operating systems.

It will be beneficial to perform Data Driven Testing with different data entered from external file such as(xls sheet, csv file, e.t.c).
Using Selenium webDriver methods like chi boxes, navigate page back and forth, will be very beneficial to the testing process.

Exploratory testing is very important, we cannot automate every test case. Some times this can be done by Exploratory testing.