

Questions

What are requirements and where to find them?

A requirement in software engineering is a feature of new software that someone either wants, needs, or commands. It describes what the software does and any limitations it should have.

In software development, the source of the requirement is the users/customers & other stakeholders of the system. These requirements are collected during the requirement elicitation phase.

A QA tester will find requirements from the following documentation

- BRD (BUSINESS REQUIREMENT DOCUMENT): this document is prepared during the initial phase of the project with the help of business stakeholders and key end-users. QA can get high-level business requirements that could be easy to follow by business stakeholders, managers, board of directors, etc.
- (SRS) SOFTWARE REQUIREMENT SPECIFICATION: this document contains all the functional and non-functional requirements along with the use cases that the software must meet & follow. It includes complete business requirements, system properties, constraints, and business behaviors.

But if the above documents are not prepared, the QA tester will have some other options to get the requirements.

- QA tester can work using any little documents like simple backlog lists, It could be a basic simple backlog (in agile projects), a help file, an email, an older version of the BRD/FRD, or old test cases etc.
- The other option is to use the older/current version of the application as a reference to test the future release of a software product & to draft the requirement document.

What's the difference between build and release?

Build	Release
It is a number given to Installable software that is given to the testing team by the development team.	It is a number given to Installable software that is handed over to the customer by the tester or developer.
refers to software that is still in the testing	refers to software that is usually no longer in testing.
occur more frequently	occur less frequently.

How can QA Engineers affect quality?

QA Engineer plays an important role in delivering a quality software product to customers. The QA engineer will have the responsibility to make sure that the software product meets the quality standards before it's released to end users.

The QA tester follows the software testing life cycles (STLC) to improve the quality of the software through iterative processes. The STLC includes Requirement analysis, test planning, test case development, test environment setup, test execution, and test cycle closure. By following these standard software testing practices strictly, the QA tester will improve the quality of the product.