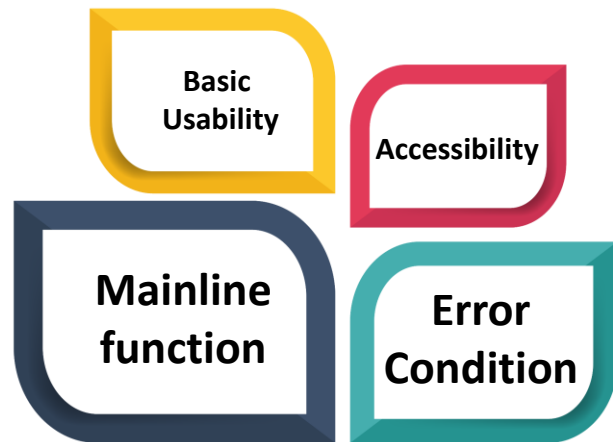


Functional Testing

FUNCTIONAL TESTING is a type of software testing that validates the software system against the functional requirements.

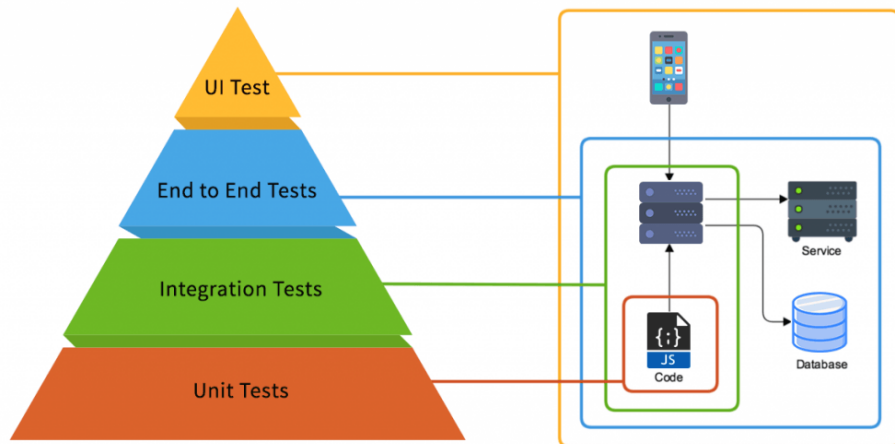


Non-Functional Testing

Non-functional testing describes how good the product works.



Different Levels of TESTING



Unit Testing: Unit testing is the first level of software testing, which is used to test if software modules are satisfying the given requirement or not.

Integration Testing: It is mainly used to test the data flow from one module or component to other modules.

System Testing: The third level of software testing is system testing, which is used to test the software's functional and non-functional requirements.

Acceptance testing: The last and fourth level of software testing is acceptance testing, which is used to evaluate whether a specification or the requirements are met as per its delivery.

Smoke Testing

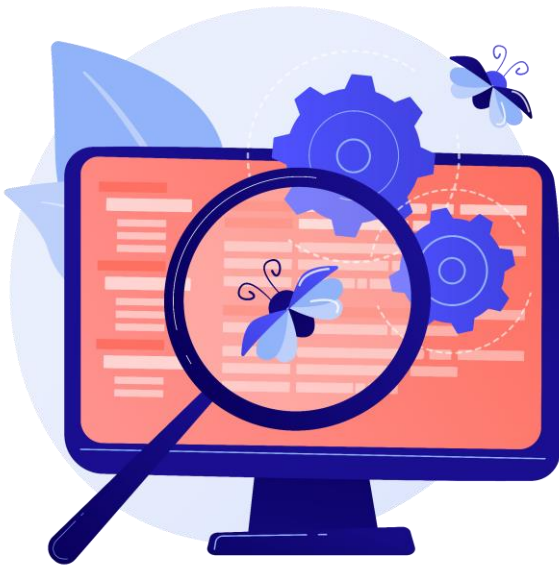
This test is done to make sure that software under testing is ready or stable for further testing.

Sanity Testing

Sanity testing is performed on stable builds. It was performed when we are receiving software build (with minor code changes) from the development team.

Regression Testing

Regression testing is a software testing practice that ensures an application still functions as expected after any code changes, updates, or improvements.



User Acceptance Testing

UAT is a type of testing performed by the end user or the client to verify/accept the software system before moving the software application to the production environment.

Exploratory Testing

Exploratory Testing is a type of software testing where Test cases are not created in advance but testers check system on the fly.

Adhoc Testing

Ad hoc Testing is an informal or unstructured software testing type that aims to break the testing process in order to find possible defects or errors at an early possible stage. Adhoc testing is performed by the group of developers or testers who has good knowledge of the application.

Security Testing

Security Testing is a type of Software Testing that uncovers vulnerabilities of the system and determines that the data and resources of the system are protected from possible intruders

Globalization Testing

Globalization testing is another type of software testing which is used to test the software that is developed for multiple languages, is called globalization testing.

Positive Testing

Positive Testing is a type of testing which is performed on a software application by providing the valid data sets as an input

Developer vs Tester

I am not able to replicate this issue. This is working fine on my machine. So close this bug.



I don't care if it is working fine on your machine. We are not going to deliver your machine to Client.



Negative Testing

Negative Testing is a testing method performed on the software application by providing invalid or improper data sets as input.

Alpha Testing

Alpha testing performed once the product has gone through stages of testing and prepared for release.

Beta Testing

Beta testing of a product is performed by real users of the software application in a real environment and can be considered as a form of external user acceptance testing

Monkey Testing

Monkey testing is a type of software testing in which a software or application is tested using random inputs with the sole purpose of trying and breaking the system. Monkey testing can be performed by an individual who does not have a good knowledge of the application.

Recovery Testing

Recovery Testing is software testing technique which verifies software's ability to recover from failures like software/hardware crashes, network failures etc.

Accessibility testing

Accessibility testing is another type of software testing used to test the application from the physically challenged person's point of view. Here the physical disability could be old age, hearing, color blindness, and other underprivileged groups



A mistake in coding is called Error.

Error found by tester is called Defect.

Defect accepted by development team is called Bug.

When a defect reaches the end customer it is called failure.



Priority

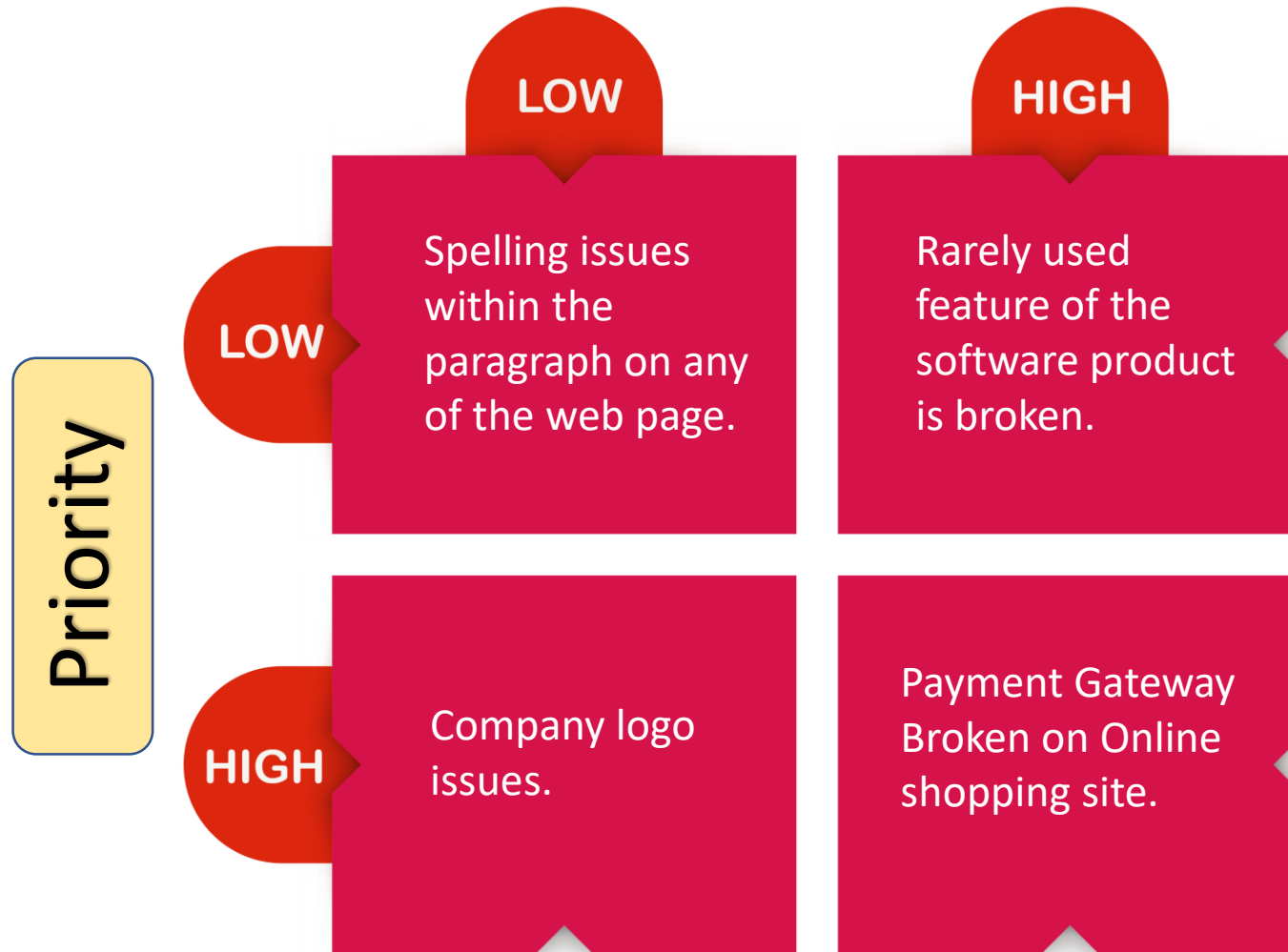
If we raise any bug for any application, how soon do you want the developer to fix that bug that is called as priority and also importance giving to the bug to fix it that is called as priority.



Severity

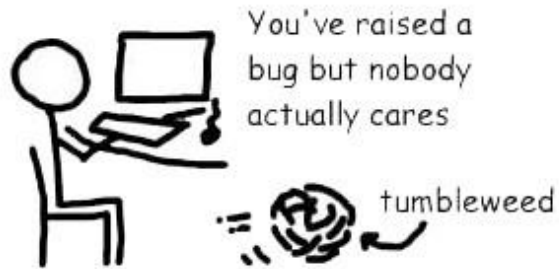
Impact of the bug or defect on the customer business workflow that is called as severity.

Severity



SEVERITY

SEVERITY STATUS: MINOR



SEVERITY STATUS: SIGNIFICANT



SEVERITY STATUS: MAJOR



SEVERITY STATUS: CRITICAL



SEVERITY STATUS: CATASTROPHIC



BUG TRIAGE

Bug triage is a process to prioritize the defects based on severity, risk, frequency of occurrence.



AUTHENTICATION

Authentication is the process of identifying someone's identity by assuring that the person is the same as what he is claiming for.



Authorization

Authorization is the process of granting someone to do something. It means it a way to check if the user has permission to use a resource or not.