

Defect/ bug :

bug arises when the expected result don't match with the actual results. It can also be error, flaw, failure, or fault in a computer program.

Different categories of Defect/ bug :

Arithmetic Defects

The developer in some arithmetic expression or mistake in finding solution of such arithmetic expression.

Logical Defects

The defects are mistakes done regarding the implementation of the code.

Syntax Defects

defects means mistake in the writing style of the code.

Multithreading Defects:

running or executing the multiple tasks at the same time.

Interface Defects

defects in the interaction of the software and the users.

Performance Defects

The defects when the system or the software application is unable to meet the desired and the expected result

Functional defects

The errors identified in case the behavior of software is not compliant with the functional requirements.

Usability defects

usability evaluation methods or indirectly during system testing or usage.

Compatibility defects

Testing the application in a same environment but having different versions.

Security defects

a software bug that can be exploited to gain unauthorized access or privileges on a computer system.

Unit Level Bugs

Facing basic logic bugs or calculation errors are considered unit-level bugs.

Syntax Errors

Among the commonest software bug types and do not allow the application to be compiled appropriately.