

## List of Defect

### Design Defect

-The algorithms, login and data elements, module interface, the are and hardware UI descriptions should be correctly designed.

### Commands Defect

An error in the sequences and logic is known as control flow and error.

### Boundary value Defect

the login page is logging in by giving the passport length to 16 characters then the place of 15 characters, then the defect is the boundary value defect.

### Error handling Defect

The error that is raised while the users interacting with the software need to be handled in the correct flow.

### Multithreading Defect

Executing or running multiple tasks at the time. Complex debugging is possible in the multiple threading process.

### Security Defect

The defects will be different by their nature of the risks. These defects are weaknesses allowing for a potential security attack.

### Interface Defect

The defects in the interactions of the software and the users. Some of the interfaces in the different kinds of forms are complicated interfaces, unclear interfaces and platform based interfaces.

#### Arithmetic Defect

It include the defects made by the developer in some arithmetic expression or mistake in finding solution of such arithmetic expression.

#### Logical Defect

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

#### Syntax Defect

Syntax defects means mistake in the writing style of the acode.

## Examples

### High priority High Severity

A site maintaining the student details, on saving record if it doesn't allow to save the record then this is high priority and high severity bug.

### High priority low severity

High priority and low severity status means that the bug must be fixed immediately but it does not affect the software too adversely

### Low priority High Severity

Flight operating website, a defect in reservation functionality may be of high severity but can be a low priority as it can be scheduled to release in a next cycle.

### Low Priority Low severity

If the privacy policy of the website has a spelling mistake, this defect is set as Low Severity and Low Priority.