**Defect:**

As discussed earlier, defect is the variance from a desired product attribute (it can be a wrong, missing or extra data).

**Different categories of defect**

Lists of defect Categories:

**1.Design defect**

  login and data elements, module interface, the external software and hardware UI descriptions should be correctly designed.

descriptions should be correctly

designed.

**2.Command defect**

An error in the sequences and logic is known as control flow error or command error. The reasons for such defects are missing command, wrong algorithm, incorrect data and code errors.

Command defect

**3.Boundary Value Defect**

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

Boundary value defect

**4.Data base defect**

Deals with improper handling of data in the database

Like Values not deleted

**5.Error handling defect**

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

Error handling defect

**6.Functionality defect**

These defects affect the functionality of the application.

Buttons like Save, Delete, Cancel not performing their intended functions

**7.Security defect**

Application security defects generally involve improper handling of data sent from the user to the application. These defects are the most severe and given highest priority for a fix

Security defect

**8.Cirtical functionality defect**

The occurrence of these bugs hampers the crucial functionality of the application.

Exceptions

**9.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.

Interface defect

**10.Multithreading defect.**

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

Lack of Executing or running multiple tasks at the time