MODULE 4

1. WHAT IS PRIORITY?

What is Priority in Software Testing? Priority is defined as **the order in which the defects should be resolved**. The priority status is usually set by the testing team while raising the defect against the dev team mentioning the timeframe to fix the defect. The Priority status is set based on end users requirement.

Priority List: Priority can be marked as either of the following states:

**Low -**This defect can be fixed after the critical ones are fixed.

**Medium -**The defect should be resolved in the subsequent builds.

**High -**The defect must be resolved immediately because the defect is affecting the application to a considerable extent and the relevant modules cannot be used until it's fixed.

**Urgent -**The defect must be resolved immediately because the defect is affecting the application or the product severely and the product cannot be used until it has been fixed.

2. WHAT IS SEVERITY?

One can define Severity as **the extent to which any given defect can affect/ impact a particular software**. Severity is basically a parameter that denotes the impact of any defect and its implication on a software's functionality. In other words, Severity defines the overall impact that any defect can have on a system.

3. DIFFERENCE BETWEEN PRIORITY AND SEVERITY

**Priority :**

**1** Defect Priority has defined the order in which the developer should resolve a defect

2 Priority is categorized into three types : Low , Medium, High

3. Priority is associated with scheduling

4. Priority indicates how soon the bug should be fixed

5. Priority of defects is decided in consultation with the manager/client

6. Priority is driven by business value

7. Its value is subjective and can change over a period of time depending on the change in the project situation

8. High priority and low severity status indicates, defect have to be fixed on immediate bases but does not affect the application

9. Priority status is based on customer requirements

10. During UAT the development team fix defects based on priority

**Severity**

1. Defect Severity is defined as the degree of impact that a defect has on the operation of the product

2. Severity is categorized into five types: BLOCK, CRITICAL, MAJOR, MINOR

3. Severity is associated with functionality or standards

4. Severity indicates the seriousness of the defect on the product functionality

5. QA engineer determines the severity level of the defect

6. Severity is driven by functionality

7. Its value is objective and less likely to change

8. High severity and low priority status indicates defect have to be fixed but not on immediate bases

9. Severity status is based on the technical aspect of the product

10. During SIT, the development team will fix defects based on the severity and then priority

4. BUG CATERGORIES ARE

**Different Types of Bugs in Software Testing:**

* Performance Bugs
* Security Bugs
* Unit Level Bugs.
* Functional Bugs
* Usability Bugs
* Syntax Errors
* Compatibility Errors
* Logic Bugs