**· What is Error, Defect, Bug and failure?**

* **Error:** a mistake in coding is called error
* **Defect:** error found by tester is known as defect
* **Bug:** defect accepted by development team then it is called bug
* **Failure:** when build does not meet the requirements then it is called failure.

**· Difference between Priority and Severity :**

|  |  |
| --- | --- |
| ***priority*** | ***severity*** |
| Priority defines the order in which a defect should resolve. | It is the degree of impact that a defect has on the operation of the product. |
| It means how fast defect has to be fixed. | It means how severe defect is affecting the functionality. |
| Product manager decides the priorites of defects. | Testing engineer decides the severity level of defect. |
| Its value changes from time to time. | Its value doesn’t change from time to time. |

**· What is Bug Life Cycle?**

* It is the duration or time span between the first time defect is found and the time that is closed successfully , rejected,postponed or deferred .
* **Mention what are the categories of defects?**

1. Data quality defect
2. Critical functionality defect
3. Functionality defects
4. Security defects
5. User interface defects

* ***Advantages of Bugzilla:***

Bugzilla enables users to stay connected with their clients or employees, to communicate about problems effectively throughout the defect management chain.

* It improves quality of product.
* It enhance the communication between the developing team and testing team.
* It has the capability to adapt to multiple situation.
* **What is severity?**
* It is the degree of impact that a defect has on the operation of the product.
* It shows how severe is defect affecting the functionality of system .
* **What is priority?**
* Priority defines the order in which the defect should be fixed.
* It describes which defect should be resolve first.