1. **What is Priority?**

**Answer**: Priority is considered from the customer’s point of view. Priority indicates how soon the defect needs to be fixed by the developer. Priority is set by the product manager/customer and it determines the time frame given to the developer to fix the bug.

1. **What is Severity?**

**Answer:** Severity is defined as the extent to which a particular defect can create an impact on the software. Severity is a parameter to denote the implication and the impact of the defect on the functionality of the software.

The impact of the bug on the application is known as severity. It can be a blocker, critical, major, and minor for the bug.

1. **Bug categories Are**

**Answer:** Data Quality/Database Defects

Critical Functionality Defects

Functionality Defects

Security Defects

User Interface Defects

1. **Advantage of Bugzilla**

**Answer:**

* it is an open-source widely used bug tracker;
* it is easy in usage and its user interface is understandable for people without technical knowledge;
* it easily integrates with test management instruments;
* it integrates with an e-mailing system;
* it automates documentation
* Generating the bug report (graphical report) is very nice and provides useful information about the defects logged.
* The advanced search option is very useful to filter the logged defects.
* It is simple, nice and affordable bug tracking system that provides bug statuses and resolution parameters

1. **Difference between Priority & Severity?**

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| --- | --- |
| **Priority** | **Severity** |
| Priority is associated with scheduling | Severity is associated with functionality |
| Priority is a parameter to decide the order in which defects should be fixed | Severity is a parameter to denote the impact of a particular defect on the software. |
| Priority is related to scheduling to resolve the problem. | Severity is related to the quality standard |
| Product manager decides the priorities of defects. | Testing engineer decides the severity level of the defect. |
| Its value is subjective. | Its value is objective. |
| Its value changes from time to time. | Its value doesn’t change from time to time. |
| Priority is of 3 types: Low, Medium, and High | Severity is of 5 types: Critical, Major, Moderate, Minor, and Cosmetic. |
| Priority is driven by business level | Severity is driven by functionality |
| Priority of defect is consultation with the client | QA engineer determine the severity level |