***TOPS******Technologies Pvt.Ltd***

***Software testing Assignment***

**Module–4 (Manual Testing)**

* **What is priority?**

**Ans:** What is Priority in Testing? One can define Priority as a parameter for deciding the order in which one can fix the defect. In this, the defect with a higher priority first needs to get fixed. Priority basically defines the order in which one would resolve any given defect.

* **What is severity?**

**Ans:** The severity of the bug or the defect A problem or a Defect’s severity in testing refers to how much of an impact it has on the software program under test. A higher severity rating indicates that the bug/defect has a greater impact on system functionality.

* **Bug categories are…**

**Ans:** I single out three classifications of software bugs: by nature, by priority, and by severity. While the classifiers for the latter two are present in bug tracking systems by default, I recommend setting up a classifier for the division of bugs by their nature as well since it helps streamline the assignment of bug fixing tasks to the responsible teams.

* **Advantage of Bugzila**

**Ans:** Bugzilla is an open-source bug monitoring solution which is being leveraged by developers, development teams, and IT professionals to identify and troubleshoot issues and problems associated with hardware and software assets. Bugzilla unifies people and issue management processes in a powerful and effective platform which is free to use. Among its great capabilities are rapid deployment of applications, capturing of previous searches user have made, and smooth communication between team members.

* **Difference between priority and severity**

**Ans:**

* Priority is the order in which the developer should resolve a defect whereas Severity is the degree of impact that a defect has on the operation of the product.
* Priority is categorized into three types : low, medium and high whereas Severity is categorized into five types : critical. major, moderate, minor and cosmetic.
* Priority is associated with scheduling while Severity is associated with functionality or standards.
* Priority indicates how soon the bug should be fixed whereas Severity indicates the seriousness of the defect on the product functionality.
* Priority of defects is decided in consultation with the manager/client while Severity levels of the defects are determined by the QA engineer.
* Priority is driven by business value while Severity is driven by functionality.
* Priority value is subjective and can change over a period of time depending on the change in the project situation whereas Severity value is objective and less likely to change.
* High Priority and low severity status indicates, defect have to be fixed on immediate bases but does not affect the application while High Severity and low priority status indicates defect have to be fixed but not on immediate bases.
* Priority status is based on customer requirements whereas Severity status is based on the technical aspect of the product.