

Software Testing Assignment

Module-4(Defect Tracking)

1) What is priority?

- Priority determines the defect urgency of repair.
- Priority is Relative and Business-Focused.
- Priority can be of following types:
 - **Low:** The defect is an irritant which should be repaired, but repair can be deferred until after more serious defect has been fixed.
 - **Medium:** The defect should be resolved in the normal course of development activities. It can wait until a new build or version is created.
 - **High:** The defect must be resolved as soon as possible because the defect is affecting the application or the product severely. The system cannot be used until the repair has been done.
 - **Critical:** Extremely urgent, resolve immediately

1) What is severity?

- Severity determines the defect on the application.
- Severity is absolute and Customer-Focused.
- Severity can be of following types:
 - Major (High)
 - Moderate (Medium)
 - Minor (Low)
 - Cosmetic

2) Bug categories are...

- Bug Category: Security, Database, Functionality (Critical/General), UI

- Bug Severity: Severity with which the bug affects the application – Very High, High, Medium, Low, Very Low
- Bug Priority: Recommended priority to be given for a fix of this bug – P0, P1, P2, P3, P4, P5 (P0-Highest, P5-Lowest)

3) Advantage of Bugzilla .

- This open bug-tracker enables users to stay connected with their clients or employees, to communicate about problems effectively throughout the data-management chain.
- Advanced search capabilities
- E-mail Notifications
- Modify/file Bugs by e-mail
- Time tracking
- Strong security
- Customization
- Localization

4) Difference between priority and severity

SEVERITY & PRIORITY	
QAVALIDATION.COM	
Severity	Priority
Severity determines The defect's effect on the application.	Priority determines The defect urgency of repair.
How bad the defect is	How soon we need to fix
Severity is given by QA testers	Priority is given by Test lead or project manager.
Levels <ul style="list-style-type: none"> • Critical : the software will not run • High : unexpected fatal errors (includes crashes and data corruption) • Medium : a feature is malfunctioning • Low : a cosmetic issue. 	Levels <ul style="list-style-type: none"> • P1 : fix before next build to test • P2 : fix before final release • P3 : we probably won't get to these, but we want to track them anyway to resolve the priority-severity divide.