1. What QA do in scrum? Explain!

Answer:

1. Review the documents (Requirement) from Product Manager (PM).
2. Ask to PM if there are difficulties. If still don’t understand PM or we meet product owner/user. Its depend on PM.
3. Give the requirement feedback.
4. Make Scenario Test and Case Test.
5. Testing based on scenario part by part if we use agile methodology.
6. Report the progreses daily to PM. The Report include bug found and compare the product with requirement.
7. Give feedback to the team during sprint.
8. Report dependencies
9. Give personal feedback during sprint

2. Attached

3. Explain about severity of bugs!

Severity bugs are classifications of bugs based on the priority level of handling bugs in testing. various severity bugs:

a. Critical bugs: Bugs that can turn off the function of an app. example: crash, data loss, system down, page error.

b. Major bugs: Bugs that occur in an app but do not interfere with the main function of the app. example: synchronization failed, set location missed on gps.

c. Minor bugs: Bugs that are quite urgent but do not affect the running of the system. example: the username does not appear in the username column.

d. Trivia Bugs: Low level bugs. example: typo, display is not aligned.

4. Attached

5. Deployment are all the process required for preparing a software application to run and operate in a specific environment. It involves installation, configuration, testing and making changes to optimize the performance of the software. It can either be carried out manually or through automated systems. Deployment can save our time, monitoring user action, and make softwere update effectively. Work Flow of Deployment:

Production

Staging

Development

Each party have has its own branch access. Tester/QA can’t allow access Dev database, Tester/QA only can access staging server and verify the code works as intended.

6. <https://www.getpostman.com/collections/02cc2d52cd5cdf5c4760>

7. Performance Test

a.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Endpoint | Server/Env | User | Time (s) | Request per second | Complated requests | Total errors (%) | Avarage |
| /google.com | Staging | 10 | 10 | 10 | 98 | 0% |  |
|  |  |  |  |  |  |  |  |

b. <https://www.google.com> –rps 100 –c 1000 –t120

within 120 seconds, Google is accessed by 1000 user. the average per second is accessed by 100 user.

c. – Apache Jmeter – Load Runner – Neo Load

8.