1. In the Sprint Planning phase, QA must read all the documents or requirements. QA also must see the mock up or design of the project. This documents can be obtained from PM or UI/UX department. QA must ask to PM or UI/UX department if there is any part of the documents that he/she didn’t understand yet. QA also can give feedback on the design or requirements.

In the Daily Scrum phase, QA must create Test Scenario and Test Case. And then QA must perform the testing based on the Test Scenario and Test Case created before. QA also must update the progress and report the dependencies on the Daily Stand Up.

In the Sprint Review phase, QA must give feedback to the team during the Sprint and report the dependencies.

In the Sprint Retro phase, QA must give personal feedback during Sprint.

1. Please see 2.xlsx.
2. Severity of bugs is a level how much the impact of the bug to the AUT.

They are:

* Undoable: AUT can’t be launched or installed.
* Crash/Freeze: AUT is crashing or freezing during testing.
* Essential Requirement: AUT is violated the document or requirement.
* Major, Medium, Minor: It depends on how much the impact of the bug to the AUT.
* Question: Anything that is not clear can be added as a question bug.
* Suggestion: Feedback that can be used to improve the project.

1. Please see 4.xlsx.
2. Deployment is all processes involved in getting up a software or application and properly running in its environment. These processes including installation, configuration, running, testing, and making necessary changes.
3. https://www.getpostman.com/collections/fad7c02788990e60709f
4. Performance Test
   1. The target of performance test is https://google.com site with total user is 10, request per second is 10, and time limit is 10 seconds.

The test is finished with 98 completed request, 0 error, total time 10.00568 seconds, and latency 164.2 ms.

When the request reach 50% from total request, the time to completed a request is 162 ms.

When the request reach 90% from total request, the time to completed a request is 191 ms.

When the request reach 95% from total request, the time to completed a request is 209 ms.

When the request reach 99% from total request, the time to completed a request is 437 ms.

When the request reach 100% from total request, the time to completed a request is 437 ms.

* 1. The target of the performance testing is https://www.google.com site using these parameters:
     + testing time limit: 120 seconds
     + total user: 1000
     + request per second: 100
  2. Apache JMeter, Tsung, BlazeMeter, LoadRunner.

1. Git