

Scrum Methodology:

P.O, S.M, S.T, Designer

Every person will have a sprint like 2 week, 3 week,

We will have many meeting conducted within a sprint

Note: In scrum methodology everything is perfectly planned and then executed.

We can implement scrum methodology using JIRA, where all the team members will get the updates that happens throughout the sprint..

In Scrum, before any activity starts, a proper plan will be prepared.

Suppose sprint 3 is started and there is some issue with product delivered to customer from sprint 1 and sprint 2 then they can't include this issue in the current sprint i.e sprint 3 as planned activities cannot be completed within deadline. Those issue will be addressed in sprint 4.

For such issues we will use Kanban Methodology.

Scrum Backlog includes user stories

Kanban Backlog includes all the problems caused to customer.

Scrum and Kanban goes simultaneously, any bug occurred during scrum is forwarded to Kanban dashboard, in backlog section, any dev that is free will resolve it.

When no problem don't create Kanban dashboard.

SCRUMBAN = SCRUM + KANBAN

scrum(fixed timeline): to-do, in-progress, done

Kanban (flexible) : backlog, to-do, in-progress, done (developer and tester handle it)

Extreme Programming (XP)

Focuses only on the developer's perspective.

Has some rules, will basically make developer to improve quality of the software

Pair programming: 2 Developers working together on a software development by connecting to same system. Dev A => Create a feature, Dev B => Enhance the feature  
example

TDD (Test Driven Development): Write test program before swriting actual code such that it should pass test program.

Continuous Integration: Always do continous integration, such that whenever Dev A, Dev B write some code to develop a functionality, if the code is correct, immediately push that code to GitHub.

