* **Sprint**
* Software is developed in iterations as sprint.
* Software will be developed in an incremental manner with few set of requirements for every iteration.
* Sprint duration is 1 to 4 weeks.
* Ideal sprint duration is 2 weeks and is followed by most of the projects in real time.
* **Scrum Roles**
* Product Owner
* Scrum Master
* Development Team
* **Product Owner**
* Who Knows the Business well?
* Interacts with the customers
* Activities performed by product Owner in the project
* **Create Epics:**

Epic is a large requirement, which can be broken into smaller requirements known as User stories.

* **Create User stories:**

**U**ser stories are smaller requirements broken down from a larger requirement known as Epic

* **Maintains the stories in product backlog and priorities them**

Created list of stories by product owner will reside in product backlog default

* **Create a Sprint**

Create an Iteration known as sprint for a duration which ranges from 1 to 4 weeks

* **Sprint Planning Meeting**

Conducts sprint planning meeting with development Team

Brings up the list of prioritized stories

Estimates the stories with Development Team

* + **Story Point**

Development Team ill estimate user stories roughly

Discusses and finalizes stories that can be delivered by the development team in the sprint.

Assigns the finalized stories to the sprint backlog

Starts the sprint

**Development Team**

* Starts working on the user stories assigned to the sprint
* Scrum board
  + To Do
  + In Progress
  + Done
* Developers in the team, perform the solo activities for each and every user added to the sprint:
* Understand the Requirements to be developed
* Design the Requirements
* Code the Requirements
* Unit Testing and Integration Testing of Requirements
* Fix the bugs reported against the user stories
* And others
* Testers in the team, perform the solo activities for each and every user story added to the sprint:
* Understand the Requirements for deriving the Testable Requirements
* Create Test cases
* Execute Test Cases
* Re-Test bugs which are stated as fixed by developers
* Perform other Testing activities like Automation Types etc.
* And others
* **Scrum Master**
* **Sprint Review meeting**
* Jira Agile Management Tool
* Jira is an Agile Management Tool, Automates the above explained Agile Process
* By default, Jira doesn’t have the features for supporting Test Management
* Plug-ins like Zephyr or X-ray need to be installed
* Jira + Zephyr = Agile + Test Management
* Install and configure Jira as Admin

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