Types SDLC models

1. Waterfall
2. Agile method(having all phase of SDLC) : iterative and incremental work.

Here Agile Development method can consist of any of the frameworks.

1. Scurm
2. XP
3. Kanban

Agile and Scrum are terms used in project management. The Agile methodology employs incremental and iterative work beats that are also called sprints. Scrum, on the other hand is the type of agile approach that is used in software development.

**Agile is the practice** and Scrum is the process to following this practice same as eXtreme Programming (XP) and Kanban are the alternative process to following Agile development practice.

Scrum is just one of the many iterative and incremental agile software development method. You can find [here](http://en.wikipedia.org/wiki/Scrum_%28development%29) a very detailed description of the process.

* Iterative - you don't finish a feature in one go. You are in a code >> get feedback >> code >> ... cycle. You keep iterating till done.
* Incremental - you build as much as you need right now. You don't over-engineer or add flexibility unless the need is proven. When the need arises, you build on top of whatever already exists. (Note: differs from iterative in that you're adding new things.. vs refining something).
* Agile - you are agile if you value the same things as listed in [the agile manifesto](http://agilemanifesto.org/). It also means that there is no standard template or checklist or procedure to "do agile". It doesn't over specify.. it just states that you can use whatever practices you need to "be agile". **Scrum, XP, Kanban** are some of the more prescriptive 'agile' methodologies because they share the same set of values. Continuous and early feedback, frequent releases/demos, evolve design, etc.. hence they can be iterative and incremental.

[**What is the difference between Scrum and Agile Development?**](http://stackoverflow.com/questions/11469358/what-is-the-difference-between-scrum-and-agile-development)

**Scrum is an iterative and incremental agile software development method for managing software projects** and product or application development. So Scrum is infact a type of Agile approach which is used widely in software developments.

So, Scrum is a specific flavor of Agile, specifically it is referred to as an agile project management framework.

Also Scrum has mainly two roles inside it, which are: 1. Main/Core Role 2. Ancillary Role

Main/Core role: **It consists of mainly three roles: a). Scrum Master, b). Product Owner, c). Development Team.**

**The responsibilities of the traditional project manager role are split up among these three Scrum roles.**

Ancillary Role: The ancillary roles in Scrum teams are those with no formal role and infrequent involvement in the Scrum processï¿½but nonetheless, they must be taken into account. viz. Stakeholders, Managers.

a). Scrum Master:- There are 6 types of meetings in scrum: Daily Scrum / Standup Backlog grooming: storytime Scrum of Scrums Sprint planning meeting Sprint review meeting Sprint retrospective

