**Scrum (software development)**

**Scrum** is the type of [**Agile framework**](https://www.geeksforgeeks.org/what-is-agile-framework-and-methodology-in-software-development/?ref=lbp). It is a framework within which people can address complex adaptive problem while productivity and creativity of delivering product is at highest possible values. Scrum uses **Iterative process**. **Silent features of Scrum are:**

* Scrum is light-weighted framework
* Scrum emphasizes self-organization
* Scrum is simple to understand
* Scrum framework help the team to work together

**Lifecycle of Scrum:**

**Sprint:** A Sprint is a time box of one month or less. A new Sprint starts immediately after the completion of the previous Sprint. **Release:** When the product is completed, it goes to the Release stage. [**Sprint Review**](https://www.geeksforgeeks.org/sprint-review-meeting-purpose-importance-and-best-practice-in-software-development/)**:** If the product still has some non-achievable features, it will be checked in this stage and then passed to the Sprint Retrospective stage. [**Sprint Retrospective**](https://www.geeksforgeeks.org/sprint-retrospective-meeting-purpose-and-steps/)**:** In this stage quality or status of the product is checked. **Product Backlog:** According to the prioritize features the product is organized. **Sprint Backlog:** Sprint Backlog is divided into two parts Product assigned features to sprint and Sprint planning meeting.

 **Advantage of using Scrum framework:**

* Scrum framework is fast moving and money efficient.
* Scrum framework works by dividing the large product into small sub-products. It’s like a divide and conquer strategy
* In Scrum customer satisfaction is very important.
* Scrum is adaptive in nature because it have short sprint.
* As Scrum framework rely on constant feedback therefore the quality of product increases in less amount of time

**Disadvantage of using Scrum framework:**

* Scrum framework do not allow changes into their sprint.
* Scrum framework is not fully described model. If you wanna adopt it you need to fill in the framework with your own details like Extreme Programming(XP), Kanban, DSDM.
* It can be difficult for the Scrum to plan, structure and organize a project that lacks a clear definition.
* The daily Scrum meetings and frequent reviews require substantial resources.