Assignment 5: Write a brief summary on SCRUM Framework.

SCRUM is a simple way to manage and complete big projects, especially in software development.

It helps teams work together, stay organized, and deliver small parts of a product quickly and regularly.

In SCRUM, the work is divided into small time periods called Sprints (usually 1 to 4 weeks long).

At the end of each Sprint, the team finishes a part of the product that can be used or tested.

There are three main roles in SCRUM:

Product Owner: Decides what needs to be built and keeps a list called the Product Backlog.

SCRUM Master: Helps the team follow SCRUM rules and removes any problems they face.

Development Team: The people who actually build and deliver the product.

SCRUM has some important meetings:

Sprint Planning: Plan what work will be done in the Sprint.

Daily Stand-up: A short meeting every day to discuss progress.

Sprint Review: Show the work completed to everyone.

Sprint Retrospective: Talk about what went well and what can be improved.

SCRUM also has important things (artifacts) like:

Product Backlog: List of all features to be built.

Sprint Backlog: List of tasks selected for the current Sprint.

Increment: The finished work from the Sprint.

Example:

Imagine Amazon wants to add a new "Track Your Order" feature.

Instead of building everything at once, the team uses SCRUM:

Sprint 1: Create a basic screen to show order details.

Sprint 2: Add a live tracking map.

Sprint 3: Send notifications when the package moves.

After every Sprint, Amazon can test the new feature and improve it based on feedback!