**6.explain the responsibility of scrum roles**

**scrum master**

**product owner**

**development team**

**1.Scrum Master Responsibilities**:

-> Facilitates Scrum events (Daily Stand-ups, Sprint Planning, Sprint Review, Sprint Retrospective).

-> Removes impediments to the team’s progress.

-> Ensures the Scrum process is followed and understood by the team.

-> Coaches the team on Agile principles and practices.

-> Protects the team from outside interruptions and distractions.

-> Helps the team improve and work more efficiently.

-> Serves as a mediator between the team and external stakeholders.

**2.Product Owner Responsibilities**:

-> Defines and manages the product backlog.

-> Prioritizes backlog items based on business value and stakeholder needs.

-> Clearly communicates the product vision and goals to the team.

-> Ensures that the team understands the requirements and user stories.

-> Acts as the primary point of contact for stakeholders and manages their expectations.

-> Makes decisions about product features and release dates.

-> Accepts or rejects completed work during the Sprint Review.

**3.Development Team Responsibilities**:

-> Delivers potentially shippable increments of the product at the end of each sprint.

-> Collaborates on defining tasks and estimating effort during Sprint Planning.

-> Self-organizes and manages its own work to achieve the sprint goals.

-> Maintains high quality in development practices and adheres to the Definition of Done.

->Participates in all Scrum events and contributes to continuous improvement.