Roles in Agile SDLC

Product Owner: Represents stakeholders, defines product imaginative and prescient, prioritizes backlog, and guarantees product price.

Scrum Master: Facilitates the Scrum technique, supports the team, removes impediments, and ensures adherence to Scrum standards.

Development Team: Self-organizing go-practical team answerable for delivering the product increment.

Scrum Team: Comprises the Product Owner, Scrum Master, and Development Team, collaboratively working closer to product desires.

Stakeholders: Individuals or agencies with a hobby within the venture's outcome, which include giving up-customers, clients, or control.

Business Analyst: Analyzes requirements, elicits consumer stories, and acts as a liaison among the group and stakeholders.

Quality Assurance (QA) Analyst: Focuses on ensuring the exception of the software via trying out and validation.

UX/UI Designer: Creates intuitive and person-centered designs, improving the consumer enjoy.

II. Ceremonies in Agile

Sprint Planning: Collaborative consultation to outline the Sprint Goal and choose user tales from the product backlog for the upcoming sprint.

Daily Stand-up: Brief each day assembly wherein group contributors share progress, discuss demanding situations, and synchronize their sports.

Sprint Review: Demo of the product increment to stakeholders, obtaining comments, and reviewing what changed into done at some stage in the dash.

Sprint Retrospective: Reflection on the preceding dash to pick out development possibilities and adapt the group's procedures.

Backlog Refinement: Ongoing pastime to review, refine, and prioritize user testimonies inside the product backlog.

Artifacts in Agile

Product Backlog: Prioritized list of consumer testimonies, bugs, and technical duties representing all preferred product functionality.

Sprint Backlog: Subset of the product backlog gadgets decided on for the modern-day dash, with estimates and commitments from the group.

User Stories: Short, concise descriptions of preferred product capability, shooting the attitude of quit users or stakeholders.

Sprint Burndown Chart: Visual representation of the final paintings in the dash backlog, helping song progress through the years.

Increment: The sum of all completed and probably shippable product backlog gadgets on the stop of a dash.

Definition of Done (DoD): Set of standards that defines whilst a person's tale or product increment is considered whole and meets high-quality requirements.