**Brief Summary of Scrum Framework**

**Scrum** is a lightweight, agile framework designed to help teams develop, deliver, and sustain complex products through collaboration, accountability, and iterative progress.

**Key Components:**

**1. Roles:**

* **Product Owner:** Defines the product vision, manages the product backlog, and prioritizes tasks based on business value.
* **Scrum Master:** Facilitates the Scrum process, removes obstacles, and ensures that Scrum practices are followed.
* **Development Team:** A self-organizing group responsible for delivering potentially shippable product increments.

**2. Events (Ceremonies):**

* **Sprint:** A time-boxed period (usually 2–4 weeks) during which a usable product increment is created.
* **Sprint Planning:** The team plans the work to be performed during the Sprint.
* **Daily Scrum (Stand-up):** A 15-minute daily meeting where the team synchronizes activities and creates a plan for the next 24 hours.
* **Sprint Review:** Held at the end of the Sprint to inspect the increment and adapt the product backlog if needed.
* **Sprint Retrospective:** A meeting to reflect on the Sprint and identify improvements for the next Sprint.

**3. Artifacts:**

* **Product Backlog:** An ordered list of everything that is known to be needed in the product.
* **Sprint Backlog:** A list of tasks and user stories selected for the Sprint, plus a plan for delivering the product increment.
* **Increment:** The sum of all the Product Backlog items completed during a Sprint and the value of previous increments.

**Scrum Pillars:**

* **Transparency:** All aspects of the process must be visible to those responsible for the outcome.
* **Inspection:** Frequent checks on the progress toward the Sprint Goal.
* **Adaptation:** Adjusting processes as soon as possible when deviations occur.

**Diagram: Scrum Framework Overview**

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Product Backlog --> Sprint Planning --> Sprint (Daily Scrum) --> Product Increment --> Sprint Review & Retrospective

Roles Involved:

* Product Owner
* Scrum Master
* Development Team

Artifacts Created:

* Product Backlog
* Sprint Backlog
* Increment

Ceremonies Held:

* Sprint Planning
* Daily Scrum
* Sprint Review
* Sprint Retrospective