### **Sprint Review and Retrospective**

#### **Applying Roles**

Demonstrate how the various roles on your Scrum-Agile Team specifically contributed to the success of a project. Use specific examples from your experiences.

* **Scrum Master:** Lead Scrum events, ensured team alignment, and resolved problems.

**Example:** During Sprint Planning, the Scrum Master guided the team in understanding key priorities and encouraged collaborative discussions to efficiently deconstruct tasks.

* **Product Owner:** Provided clear acceptance criteria and prioritized backlog items.

**Example:** The Product Owner articulated clear acceptance criteria for a key feature, enabling the Development Team to concentrate on delivering the intended functionality.

* **Development Team:** Completed user stories and adapted to changes.

**Example:** The Development Team worked collaboratively to complete user stories with efficiency, leveraging pair programming to navigate complex challenges

* **Tester:** Developed test cases based on user stories to ensure quality and functionality.

**Example:** The Tester used value statements and acceptance criteria from user stories to create precise test steps, facilitating early issue detection and resolution in the development process.

#### **Completing User Stories**

Describe how a Scrum-Agile approach to the software development life cycle (SDLC) helped user stories come to completion. Use specific examples from your experiences.

* **Scrum-Agile Approach:** Iterative development allowed for continuous feedback and adjustments.

**Example:** During Backlog Refinement, user stories were deconstructed into tasks to enhance focus. The iterative approach allowed the team to gather feedback from stakeholders during Sprint Reviews and make necessary adjustments.

#### **Handling Interruptions**

Describe how a Scrum-Agile approach supported project completion when the project was interrupted and changed direction. Use specific examples from your experiences.

* **Scrum-Agile Support:** Flexibility to pivot and adapt to new requirements.

**Example:** When the project direction changed due to new client requirements, the team quickly re-prioritized tasks during a Daily Scrum. The Tester updated test cases to reflect shifting priorities, ensuring comprehensive validation of the adjustments.

#### **Communication**

Demonstrate your ability to communicate effectively with your team by providing samples of your communication. Explain why your examples were effective in their context and how they encouraged collaboration among team members.

* **Effective Communication:** Clear, concise requests and regular follow-ups.

**Example:** Frequent updates during Daily Scrums kept all team members informed of progress and potential obstacles. This encouraged collaboration and quick resolution of issues.

#### **Organizational Tools**

Evaluate the organizational tools and Scrum-Agile principles that helped your team be successful. Reference the Scrum events in relation to the effectiveness of the tools.

* **Tools and Principles:** Use of tools like Jira for task management and Scrum events for regular check-ins.

**Example:** Sprint Reviews provided transparency with stakeholder needs. The Tester used descriptions and user interaction flows to create test cases. Daily Scrums helped the team stay on track and address any problems promptly.

#### **Evaluating Agile Process**

Assess the effectiveness of the Scrum-Agile approach for a specific project. Address each of the following:

* **Describe the pros and cons that the Scrum-Agile approach presented during the SNHU Travel project.**

**Pros:** Strengthened collaboration, and adaptability. The iterative process allowed for regular feedback and adjustments.

**Cons:** Risk of scope expansion and the necessity for consistent communication. The team needed to remain focused and proactive in minimizing distractions to maintain efficiency.

* **Determine whether or not a Scrum-Agile approach was the best approach for the SNHU Travel development project.**

The Scrum-Agile methodology proved highly effective for the SNHU Travel project, enabling swift adjustments and ensuring top-tier deliverables. Its flexibility and iterative framework empowered the team to adapt seamlessly to changes, ultimately delivering a product that aligned with the client's expectations.