**CS 250**

**Final Project**

**Brenda Sanchez**

**Sprint Review and Retrospective**

**1. Contributions of Scrum-Agile Team Roles:**

* **Product Owner:** Focused on aligning SNHU Travel's evolving needs with the development goals by prioritizing user stories effectively.
* **Scrum Master:** Played a key role in promoting teamwork, navigating through challenges, and maintaining strict adherence to Scrum practices.
* **Development Team:** The team leveraged their expertise to create high-quality features, ensuring the software met functional and technical standards.
* **Stakeholders:** Their ongoing feedback was crucial for refining the product features, ensuring the end product aligned with their expectations.

**2. Scrum-Agile Approach and User Story Completion:**

* **Sprint Planning:** Detailed breakdown and prioritization of user stories ensured targeted and efficient development efforts.
* **Daily Standups:** Consistent team communication-maintained awareness of ongoing progress and immediate issues, facilitating swift problem-solving.
* **Sprint Review:** Feedback from stakeholders during these sessions provided critical insights, prompting necessary refinements to the product.

**3. Adaptability of Scrum-Agile Approach:**

* **Change in Requirements:** The agile framework accommodated changes smoothly, integrating new priorities swiftly into existing sprints.
* **Interruptions:** Scrum’s iterative process allowed the team to manage disruptions effectively, by reassessing and realigning tasks and sprint objectives.

**4. Effective Communication:**

* **Examples of Effective Communication:** Regular standup meetings, sprint reviews, and retrospective sessions are pivotal in fostering open dialogue and teamwork.
* **Encouraging Collaboration:** Sharing updates and challenges in a timely manner spur team collaboration and innovative solutions.

**5. Organizational Tools and Scrum-Agile Principles:**

* **Tools:** Implementing tools such as Jira for backlog management and Burndown charts enhanced organization and tracking, keeping the team on course.
* **Scrum Events:** Regular Sprint Planning, Daily Standups, Sprint Reviews, and Retrospectives structured our approach and enhanced our project management effectiveness.

**6. Assessment of Scrum-Agile Approach for SNHU Travel Project:**

* **Pros:** The approach increased adaptability, enriched stakeholder engagement, and facilitated continuous refinement, boosting product relevance and quality.
* **Cons:** Challenges included the dependency on a proficient communication and the necessity for continuous stakeholder participation, which occasionally hindered sprint progression.
* **Appropriateness of Scrum-Agile Approach:** The dynamic and adaptable nature of Scrum proved to be perfectly suited for the SNHU Travel project, given its changing needs and the critical role of stakeholder feedback.