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CS 250

7-1 Final Project

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As the Scrum Master for the agile team at ChadaTech, I am pleased to share this Sprint Review and Retrospective for our recent Sprint. Our goal was to create a robust and customizable website for SNHU Travel agency. The site is designed to simplify travel booking, manage itineraries, provide personalized travel recommendations, and to reach a broader audience.

Following Scrum principles, we held a Sprint Review to showcase our progress and gather feedback, followed by a Sprint Retrospective to evaluate team performance and find ways to improve. This report summarizes both activities.

At the start of every Sprint, I would have a schedule of twice a week for an hour. Our Daily Scrums would be each morning with a goal of 15 minutes to discuss openly what we worked on yesterday, what we will work on today, and if there are any impediments. I’d ask the team to ensure any Backlog Refinement is ready for Sprint Planning with well-defined and prioritized. I would require Immediate feedback for our Sprint Review from stakeholders to align future work with user and business needs. Gather feedback from client, invite client to demo phases of the product and for Sprint Retrospective, I would like to focus on team performance and how we work on momentum and continuous improvement.

This Sprint aimed to deliver a functional site with a responsive web and mobile interface, custom top travel locations, itinerary management, and real-time flight and hotel data.

Tasks and user stories were managed using JIRA, allowing the team to plan, assign, and track progress efficiently. Our Sprint Board was organized using a Kanbanview, providing visual clarity into work status from "Backlog", "In Progress", "Code Review", "Testing", and "Done".

By the end of the Sprint, we successfully completed the following:

* Developed the front-end UI
* Integrated secure login with SSO Google and Microsoft options
* Built travel search functionality with customizable top destinations
* Designed a backend system using MongoDB to support itinerary storage
* Deployed a staging environment for stakeholder testing and feedback

We conducted a live product demonstration during the Sprint Review. Stakeholders expressed including real-time weather and currency exchange tools. These items have been added to the Product Backlog in JIRA for future prioritization and sprint planning.

The Sprint Retrospective was held viaSlack, using a shared collaborative board to gather input from all team members. Effective Communication via Slack, real-time transparency, and cross-functional collaboration worked well. Mid-sprint feature requests could have gone better as they were not formally reviewed, created some interruptions and backlog. Improvements for Future Sprints improvements would be to leverageJIRA’s change request workflow prioritize mid-sprint additions.

This Sprint marks a successful delivery of a foundational version of the travel agency application, establishing critical functionality with high user satisfaction. Tools like JIRA, Kanban boards, and Slack played essential roles in facilitating collaboration, maintaining transparency, and aligning development with stakeholder needs.

The feedback from stakeholders and observations from the team highlight key areas for enhancement in both product and process. As we move into the next phase, we will use these insights to refine our backlog, improve sprint planning, and reinforce Agile values such as collaboration, adaptability, and continuous improvement.

On behalf of the Scrum Team, I thank the stakeholders, product owner, development, Testers, and leadership at ChadaTech for trusting the Scrum team with taking on an agile approach.