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Module 7

CS-250

Final Project

ChadaTech had a transformational journey from the static waterfall development paradigm to the dynamic Scrum-agile strategy. This shift was fraught with obstacles and illuminating experiences. This transformation marked not only a change in the development methods but also a significant change in the attitude and philosophy of our team.

Our task was to create an application for SNHU Travel, a tour operator looking to grow its clientele and give them cutting-edge tools. This project served as a platform for us to demonstrate our growing Scrum-agile expertise.

Team members must wear numerous hats in the Scrum-agile environment, a technique that was unfamiliar to many of us but was essential to the project's success. We always prioritized SNHU Travel's demands thanks to our defined objectives and Elijah direction as our Product Owner. As the Scrum Master, it was my responsibility to promote teamwork, swiftly handle obstacles, and keep the team focused on the sprint goals. The Development Team, made up of Mohamed which is me, Elijah, Andy, and Amarah provided their special skills and viewpoints to make sure the application matched the criteria established by our Product Owner while also being dependable and user-friendly.

The "Top Five Destination List," a user tale of highest relevance, was one of the application's notable features. This user narrative was really successful while being rather simple. With only one click, customers may obtain the top five holiday spots. It stood out because these locations were carefully chosen, depending on their popularity, as opposed to being thrown together at random. The user experience was substantially improved by the abundance of information available for each destination, including succinct summaries, pictures, and connections to the most popular travel offers.

Our transition to Scrum-agile wasn't without its challenges. We had to change our tactics in the middle of our sprints. Some user stories, such as the "Cruise Enthusiast" feature, called for a deeper comprehension of customer requirements. It was intended to offer customers a platform where they could sign up for customized cruise discount notifications, edit their profile settings, and reflect their changing tastes. It went beyond just showing cruise possibilities. In sharp contrast to the rigidity of the waterfall paradigm, the flexibility of the Scrum-agile method allowed us to smoothly integrate these modifications without causing our project to falter.

Our project's success also hinged heavily on financial factors. We incorporated tools that allowed users to establish a price restriction, discover budget-friendly locations, and receive tailored discount recommendations based on their profiles in recognition of the fact that many tourists are cost-conscious. Our dedication to providing value to SNHU Travel's clients was exhibited by ensuring the functionality and usability of these features.

Strong and effective communication was essential to our project's success. To make sure that everyone on the team was on the same page and knowledgeable, we developed a constant feedback loop. An email that began, "Team, it's vital that we prioritize the integration of user input for our cruise suggestions to boost accuracy, building upon the insights gathered from our previous sprint review, is a perfect example of this cooperative communication. Regards, Mohamed." In addition to promoting openness, these continuing discussions were essential to keeping our team's cohesion and concentration.

Considering our experience, the Scrum-agile technique provided a number of benefits. Sprints that used iteration provided for constant input and quick advancements. Daily stand-up meetings encouraged openness, while sprint reviews and retrospectives made sure that there was always room for improvement.

However, the Scrum-agile technique was not without its share of difficulties, much like any transition. When adjusting to their jobs in this new framework, team members used to the waterfall model first resisted the shift and experienced moments of uncertainty.

In conclusion, the Scrum-agile methodology's adaptability made it the perfect choice for a project with changing needs. Although the shift required some learning, the greater quality of the end result and the improved team cohesion made the trip enjoyable. This pilot project acts as a beacon for ChadaTech as it moves forward, illuminating the potential advantages of adopting the Scrum-agile methodology throughout the company.