Danielle Sousa

CS-499 Computer Science Capstone

Instructor: Professor Kraya

3/24/2025

**Journal Entry: Module 4 Career Choice and Artifact Update**

1. **Have you changed your career plans? If so, what prompted this change? If not, why have you remained with your original plan?**

My original plan was to become a software engineer. I have wanted to do so since my time here at SNHU. However, I have also realized that other courses caught my interest. So, for right now, my plans are up in the air.

1. **How has your thinking about your career evolved?**

My thinking has evolved because I now know the level of commitment it takes to do this line of work. I have also realized that I like other parts better than others, for example, I like working with mobile architecture rather than full stack. I felt my skills were better on that course than full stack, even though I did well in both.

1. **Have you completed any research about your choice of career? How has this impacted your thinking? Have you thought about seeking an advanced degree or certification after earning your undergraduate degree?**

I have done some research on my career choice, but it has not steered me in any one direction. It will help me make a better-informed decision when I am ready to take that step forward. I have thought about my master’s degree, and I have already decided to take a concentration in project management for STEM. I'm hoping that these additional courses may make that decision a little easier.

1. **Which course outcomes have you achieved so far, and which ones remain?**

So far, I believe that I have accomplished in my enhancement one of the course outcomes of demonstrating an ability to use well-founded and innovative techniques, skills, and tools in computing practices to implement computer solutions that deliver value and accomplish industry-specific goals. That leaves the course outcomes of employing strategies for building collaborative environments that enable diverse audiences to support organizational decision-making in the field of computer science, Design, develop, and deliver professional-quality oral, written, and visual communications that are coherent, technically sound, and appropriately adapted to specific audiences and contexts, Design and evaluate computing solutions that solve a given problem using algorithmic principles and computer science practices and standards appropriate to its solution while managing the trade-offs involved in design choices, and Develop a security mindset that anticipates adversarial exploits in software architecture and designs to expose potential vulnerabilities, mitigate design flaws, and ensure privacy and enhanced security of data and resources.

**Status Checkpoints for All Categories**

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| --- | --- | --- | --- |
| **Checkpoint** | **Software Design and Engineering** | **Algorithms and Data Structures** | **Databases** |
| **Name of Artifact Used** | CS-360 Events Tracking  App | CS-360 Events Tracking  App | CS-360 Events Tracking App |
| **Status of Initial Enhancement** | Enhancement one is has been completed on 3/23/25 | Enhancement is in progress and is on track for submission by next week 3/30/25. | Enhancement is pending and is on track for submission by next week 4/06/25. |
| **Submission Status** | Has been submitted to receive instructors' comments | Planned not yet completed | Planned not yet completed |
| **Status of Final Enhancement** | Planned not yet completed | Planned not yet completed | Planned not yet completed |
| **Uploaded to ePortfolio** | Completed | Planned not yet completed | Planned not yet completed |
| **Status of Finalized ePortfolio** | Planned not yet completed | Planned not yet completed | Planned not yet completed. |