Module 3 Journal

CS499 – Computer Science Capstone

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SNHU

2024 – 03 – 24

**Career Plans Evolution:**

Throughout the Computer Science program, my career plans have remained the same. Since the beginning, my goal has been to stay as my current role as a Business Intelligence Analyst. This role aligns perfectly with my interests and skill set, allowing me to leverage data analysis and visualization techniques to drive strategic decision-making within organizations. This position also allows me to work from home while having a great work life balance. I value time spent with my family and doing things outside of work more than I care to be at work and this job allows me the opportunity to do this while making an above average salary.

**Factors Reinforcing Choice:**

Despite being exposed to various domains within computer science, including software development, data science, and artificial intelligence, my passion for business intelligence has remained constant. The dynamic nature of this field, coupled with its direct impact on business operations and decision-making processes, continues to resonate with my career aspirations. My job is not very hard but does take a certain mindset to be able to meet deadlines, find new points in our data, and be able to justify and validate changes being made. I have no interest in pursuing a new career beyond this.

**Research and Advanced Degrees:**

In preparation for my career as a Business Intelligence Analyst, I had conducted thorough research on job roles, industry trends, and skill requirements within the field. This research has reaffirmed the relevance and demand for professionals adept at transforming raw data into actionable insights to drive business growth. I have also, at the company’s dime and during paid working hours, pursued additional certifications that will help me and the company I work for expand. I have now gained three AWS certifications and one in Kubernetes and Docker (Udemy).

**Course Outcome Achievement:**

Throughout the Computer Science program, I have made significant progress in aligning my coursework with the skills required for a career in business intelligence. By mastering data analysis techniques, database management, and visualization tools, I have achieved key course outcomes relevant to my career goals. However, there are still opportunities for further skill development and refinement as I continue to pursue excellence in this field.

## Status Checkpoints for All Categories

| **Checkpoint** | **Software Design and Engineering** | **Algorithms and Data Structures** | **Databases** |
| --- | --- | --- | --- |
| **Name of Artifact Used** | **Artifact name:** Grazioso Animal Intake Program (Dog, Monkey, and AnimalRescue classes)  **Origin:** IT145 Foundation in Application Development | **Artifact name:** Grazioso Animal Intake Program (Driver class)  **Origin:** IT145 Foundation in Application Development | **Artifact name:** Grazioso Animal Intake Program  **Origin:** IT145 Foundation in Application Development |
| **Status of Initial Enhancement** | Enhancements completed | Enhancements Completed | In Progress |
| **Submission Status** | Submitted first copy on 2024-03-24 | Submitted on  2024-03-30 | Planned but not yet completed |
| **Status of Final Enhancement** | Finalized 2025-04-25 | Awaiting feedback for changes | Planned but not yet completed |
| **Uploaded to ePortfolio** | Uploaded 2025-04-29 | Planned but not yet completed | Planned but not yet completed |
| **Status of Finalized ePortfolio** | Planned but not yet finalized | Planned but not yet finalized | Planned but not yet finalized |