**7-1 Final Project: Self-Assessment**

Rita Lascio

Southern New Hampshire University

CS-499 - Computer Science Capstone

Professor Sherin Aly

August 17, 2025

**7-1 Final Project: Self-Assessment**

**Self-Assessment**

Completing the coursework throughout this program and developing my ePortfolio has helped me transition my mindset from student to professional. I was responsible for creating a plan that uses industry’s best practices and standards to create a realistic project. I was able to use an existing program that took a simple text file input and updated the language to use Non-SQL and better algorithmic logic to create user centric menus and output useful information. While this is a basic project even with the changes may, the enhancement allowed it to be more scalable so it could easily continue to grow in complexity to meet client’s needs.

Creating the ePortfolio allowed me to create a simple site that professionally displays projects that I have worked on. It shows future employers that I am a serious candidate with the required skillset needed to be successful in the industry.

While working on the enhancements, I was able to fine tune and highlight my skills in data structures and algorithms, software engineering, and databases. While creating my Github repository and ePortfolio for this course, I used industry software to commit changes, create README file, and merged changes. These are all skills needed to be successful in collaborating in a team environment and communicating with stakeholders. I also needed to provide updates throughout my project. Organizing these updates and displaying them in a professional, easy to understand format is also a skill I will demonstrate as a computer science professional.

I made the choice to use the same original project to highlight my skills in all three course outcomes because the original Grocery Tracking app so incredibly rudimentary. I was able to re-review the requirements needed for this program and highlight how my skills have improved over time. It will highlight the fact that I can write clean, scalable, well-structured code, and have knowledge of NoSQL.

My professional ePortfolio for SNHU Computer Science Capstone will include updates to the Original Grocery Tracking App. Each file contains the corresponding updated project and narrative. A informal code review is also available.