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CS 499

4-2 Milestone

The artifact that I chose for enhancement two was the course planner program developed in C++. It uses a database of courses and stores them in a hash table. Users can view available courses and search courses with their prerequisites. I chose this artifact for my ePortfolio because it highlights skills in data structure, dynamic memory allocation, sorting algorithms, and user interface. This artifact was enhanced by adding comments to improve readability, improving memory management, and adding input validation. These enhancements meet the course outcomes that I intended to meet. There are no updates with my outcome-coverage plans. This program helped me learn the importance of memory management when working with pointers. I also learned the importance of handling bad input to create a better experience for the user.