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CS 499

5-2 Milestone

The artifact that I chose for enhancement three was the word frequency program developed in C++. This program uses a text file to count the frequency of each word, allows users to query specific word counts, display all frequencies, and print a histogram. I selected this artifact because it demonstrates my understanding of data structures, input handing, and user experience. I improved this artifact by adding input validation, adding comments for readability, and implementing data saving. This enhancement met my expected course outcomes and there are no updates with my outcome-coverage plans. I learned how to handle file input and the importance of input validation from this program. The challenge I faced when developing this program was handling invalid input to make for a better user experience.