This artifact was chosen to satisfy the requirements for the Software Design and Engineering requirement. It was the Final Project for my CS410 Software Reverse Engineering course and was created December 14, 2020. The reason I included this project is because I felt it showcased my completion and comprehension of the course outcomes. It includes a security brief which I believe represents my understanding of the concepts introduced in the course, disassembling compiled code into assembly language, interpreting the functionality of disassembled code and translating disassembled code into a higher order programming language. I was also particularly proud of my performance, on this project, and felt the work I did was reflected in the grade I received on it. My plan to enhance this project included aesthetic changes related to the line by line explanation of vulnerabilities, I provided, reviewing the document for errors, and further expanding on the vulnerabilities discovered. I feel this artifact met the objectives of the course and the requirements for my ePortfolio, as outlined by my Computer Science Capstone Course. I did not encounter any difficulties enhancing the artifact. I believe this is because of the quality of the work I initially submitted, and I hope it is reflected in my ePortfolio.