**Milestone Three Narrative**

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* The artifact was originally a piece of code that would take a file with a key string and source string and encrypt the file using the key and source string using the XOR encryption. It was created for CS-405.
* I choose this artifact because I feel it best showed off my skills in algorithms and data structures, with secure coding. The entire artifact shows off my skills in secure coding, while specific functions like the XOR encryption shows off my skills in algorithms and data structures. I improved this artifact by adding a very basic double verification system, When the program starts it asks you to enter a randomly generated number that appears on the screen, if entered correctly it will start the program if entered incorrectly it will stop the program. I also added a basic hashing system that will hash the contents of the file.
* I did meet the objectives from Module One and I do not have any updates to the outcome-coverage plans.
* I learned is how to add things to existing code without effecting or changing he original code, I also learned how to hash a file. The main challenge I faced during this enhancements was trying to find the best place to add the new code without effecting or changing the original code.