Dylan Evans

CS-499-T4218

4-2 Milestone Three: Enhancement Two: Algorithms and Data Structure

**Narrative**

The second artifact that I selected is a Java application that I wrote for CS-320 that functioned as an interface and data storage solution for a medical practice. It features user login logic, menu options, and tons of underlying functionality associated with those options that it calls from other files.

I chose this artifact as my example for algorithms and data structures because it features several algorithms as part of its functional logic including while loops, if loops, and switch cases. It also stores menu items as a list and calls that list to populate the menu. I have decided to improve the comments of this artifact to help clarify exactly what each part of the artifact does. After cleaning up the existing comments, improving readability and adding more detail, I have also added several more comments to each section of the code.