Patrick Goodwin

CS-499 Computer Science Capstone

Mr. Conlan

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

This artifact was created to display a table made from page numbers and addresses. It was to use a system call operation. It was for the Operating Environments course using the Java language. It was created on February 7th, 2021.

I selected this artifact to show how the different parts of a system interact with each other to carry out a function. It showcases my skills in understanding how programming works in an operating environment. This shows that I know how to read a programming language and make modifications as necessary. In the original files, some sections needed to be completed to make the code run as indicated. The artifact will be cleaned up for better readability.

So far, I have not made any changes to the code. I have not been able to find my documentation explaining how to test this code. Some of this is because all my previous work was done on the virtual labs provided by the school. I will attempt to go through the code and add in new comments. The structure looks good from what I have reviewed so far. At this time, I don't have any new updates planned.

I learned that you can always improve something even though it looks good as it is. I faced several challenges this week. One of them was remembering what the application was designed for. There may be a need to download additional software to go further into updating future enhancements. I will need to dig deeper in my OneDrive file and see if I can find more documentation. One challenge so far is a section that calls for an int of Physical\_Memory\_Size.