**CS Projects – Fall 2021**

**Weekly Updates**

(must fill-in your info with blue color or in CAPITAL LETTERS)

Student “Class Key”: \_\_S21 – 20\_\_\_\_ Weekly Update # \_\_\_09\_\_\_ Date: \_\_04\_\_ /\_15\_ /2021

Student Name: \_\_\_\_\_\_\_\_\_\_\_\_MATTHEW MORFEA\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Company/Unit internship site) \_\_\_\_\_\_\_\_\_\_\_\_SUNY NEW PALTZ: CPS485-01 - PROJECTS\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Short Description of the Problem/Task \_WEEK 9 LIGHT IMPLEMENTATION / SOFTWARE DEBUGGING AND TESTING

a) PROGRESS during the week, what you have been working on and/or accomplished (by area, if applicable):

* Problem Study/Discovery:

Over the past week I have been working on and testing different portions and of the Disk Scheduling codes. Overall, this week was primarily dedicated to web design and CSS although testing and debugging did occur, making it important to study the new bugs as they appeared.

* Design:

I have continued to design the software and make outlines of the rough web design that I implemented this week into Disk Scheduling. These were rough designs meant to show the GUI of the front end of the website, to make it more inviting for the user.

* Implementation:

Many different portions of the code were updated and implemented during this week’s debugging and web design portions. First, the web design portion was implemented. This was implemented to make the front end more appealing and inviting to the user, as well as to help create the graphs axis with HTML canvas. Second, I updated certain portions of the code that weren’t working properly as I implemented the new web design and layout. Fixing number outputs and button features on the control panel were the bulk of the updated portions.

* Test:

Testing on the display of the web design of Disk Scheduling was done this week, as well as different testing on the already implemented / updated features. These tests allowed me to identify and correct problems and bugs in the code, making it more user friendly and using less work around to fixing the gaps.

* Documentation:

No further documentation was written this week, other than this weekly update and the sketches made to help visualize the web design aspect of the Disk Scheduling page. The web designs being rough and informal sketches.

* Other (any other activities, such as talking to customers, attended a meeting, …):

Attended a weekly class meeting to discuss updates on our code and debug and implement different File web design functions. We also talked briefly about the final report and presentation, how we will go about conducting it and seeing which group mates are ready to take on the final presentation. For the most part we are all wrapping our portions up and getting ready for the home stretch.

b) Technology/Skills/Methods LEARNED or LEARNING:

Used previous skills of web design and web programming in order to create a user-friendly Disk Scheduling page. This was done through Bootstrap, HTML5 & CSS3, and used techniques from web design class.

c) PLAN for next week:

Next week, I plan to finish up debugging / testing and move into the final documentation and presentations needed for the projects course. This will be the final report, and slides for the final presentation. I will work on further testing if my groupmates are busy although we should progress on wrapping up the software and website we have been creating.