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Project 2 Extra Credit Considerations

Throughout the second half of the Spring 2023 semester, Professor Byron Hoy stated that extra credit for the Project 2 submission could be earned for professionalism, extra effort, and overall presentation. For extra credit, I submitted a project binder containing all of the paper submissions for Project 2, two video tutorials, a written documentation for my Java program Along with this, I provided a Works Cited page for each report, published all sources used in my GitHub repository and Javadocs, and created a professional Javadocs that can be generated in my Java program. I also took constructive advice from Professor Hoy on my Project 1 submission and used it to create a better Project 2.

The project binder I submitted has labeled tabs to navigate to the desired content as easily as possible. It also provides a title page and a table of content page. My goal with the project binder was to act as though I was submitted a project report for my supervisor. This project binder contains everything that I done for Project 2 and presents itself in a professional manner.

For Project 2, I submitted two video tutorials. One video tutorial is titled “Apache Math JFreeCharts Tutorial”. This video tutorial demonstrates the steps needed to add Apache Commons Math Library version 3.61 and JFreeCharts version 1.0.19 into Eclipse. The video is edited with on-screen steps to ensure that the viewer does not get lost. It is intended to easily explain the steps to install Apache Commons Math Library and JFreeCharts to anyone, including those with little to no experience adding external .jar files to Eclipse.

The second video tutorial I created is titled “MatLab VDI Tutorial”. This video is meant to inform Stockton University students on Stockton University’s Virtual Desktop Infrastructure (VDI). Stockton’s VDI service allows students to access course applications, like MatLab, for free from their own personal computer. The video tutorial demonstrates the steps on how to access Stockton’s VDI to use MatLab. It is edited with on-screen steps to ensure that the viewer does not get lost. It is intended to be easily followed by anyone, including those with no background in technology.

The written documentation for my Java program is a walkthrough of my code with pictured outputs. It is written as though I was submitting it along with my Java program to my supervisor or client. It is written to be easily readable for anyone, including those with no background in technology.

In all of the reports submitted, I included a Works Cited page with sources formatted properly in APA format. I also published all sources used during the development of my Java program in the Javadocs and GitHub. I believed it is necessary to properly credit any sources that I received information from

With my Project 1 submission, I received some constructive advice from Professor Hoy. He stated my GitHub repository was hard to navigate and wished there was more organization. For Project 2, I took this comment and made sure to organize each aspect of the project in its own folder. For example, I separated the Java program, research project, written documentation, and others into their own folder. This will make it seem more organization and professional.

Another comment I received from Professor Hoy was that, while the PowerPoint presentation included with Project 1 was nice, it was too gaudy. For Project 2, I decided to go away from the PowerPoint presentation and focus mainly on my written documentation.

Overall, I feel like a learned a ton from Project 2. I learned a ton about implementing external libraries, MatLab, and analyzing datasets. I also improved upon the skills I learned from Project 2 like creating documentation, professional code, and organization. I aimed to increase the quality of Project 2 from Project 1. I hope that the work poured into this project shows. Thank you.