Overview

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Cp212 Assignment 5

For my assignment I chose to do a student grading application. This application reads and stores from a database of students, classes, grades, and courses in a variety of ways. New Students may be added individually or through a .csv file. The data can then be displayed in word or excel. A list of course Ids, codes, and names can be checked. Then assignments and courses can also be selected and scanned for the average, max and min grades. I attempted to make a graph with the data however did not fully finish that. If I had more time I would make a final grade spot in the database which would be automatically calculated based on the other given information.

I chose this because I saw it as an opportunity to apply vba coding to a real life situation. The coding we did throughout the semester helped me to expand on my knowledge of VBA and compare/ contrast it to programming languages I had learned before, such as python and java. However not all of the coding was very applicable to a real life scenario. This final project guided me through the process of how excel might be used and developed in a real work place. I also chose this assignment because my Mom is a grade 2 teacher who sometimes struggles with being organized. So I thought that she might be able to get real life use of my program for storing her students marks. She has never used excel, but with a simple interface maybe she would be able to understand it better. Along with my manual it should be no problem for her to pick up how it works. This will make her job easier and to me that’s what being a good programmer is all about, making day to day tasks easier and ways to accomplish them fast and efficient.