Project Proposal

Banking Program

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Whitworth University

Domonkos Vamossy

**Overview**

This project is going to include a payroll program for workers of a company as well as a bank account viewer.

**Program Setup**

**Payroll:** Firstly, the user will have to input his/her Company ID, based on which the program will greet the user. Then, the user will be able to view the assigned salary.

**Bank account:** Using the company’s assigned ID, users will be able to check their current bank account, as well as the projected amount in the bank account based on interest rate over a selected time, given that the employee will not withdraw any money. The program will prompt the user to withdraw and deposit money using vectors. The program will update automatically based on deposit and withdrawal changes that the user input.

**Challenges**

Inability to differentiate employees and employers can heavily depreciate the quality of the program. I will have to come up with a great and efficient idea how to fix it. Also, the linkage of the two programs can be difficult and might not make sense. I have yet to come up with ideas how to utilize what I have learned in this program. If I have sufficient time and the program will run, I am planning on extending the payroll and the bank account menus with a basic stock calculator program – given current value and historical data calculating future data -, which could be useful for both the employees and the employers.

**Summary**

The project will consist of a bank account viewer program, as well as a payroll program, and the two programs will be interlinked. I have several challenges and I am looking forward to meet those and create a great program.