CSC 232 Group 3 Final Project

BEar Bank. Fall 2020

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**Features**

This program is a mini bank system, it includes normal user accounts, bank official accounts, and lastly system administration accounts all with ability to do certain things based on what type of account it is. The bank official accounts can open or close accounts, can withdraw or deposit any amount from a user account with permission and can also search up any user. The System Admins can also create and delete user accounts but also has the ability to create and delete bank official accounts and lastly, they have the ability to change any user’s password.

If a user wants to create an account a bank official must first login with their username and password, then from there they can help the user set up all of their account information, same goes for a bank official wanting to create an account except the system admin will be needed instead. One a user is logged into their said account they will have the ability to open up a certain account whether it is a checking’s, savings, or CD account. Once they have their accounts created depending on which one, they want to access they will have different features such as deposit and withdrawing. Once the user’s logout and quit the program all of their information will be saved and encrypted accordingly for the customers security.

**Data Structures**

**Compile Instructions**

To Compile and run the program you must first download the code from the linked Repo on the cover of this documentation. Once you have downloaded the code you will want to run the BearBank.cpp file, from there on out it will prompt you everything, first it will prompt whether you would like to create an account of login to a preexisting account. Once again depending on what you choose you will receive different prompts.