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Abstract

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CSC 232 Final project

Solo Bear Bank

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Disclaimer: Due to the limit on time not all features were able to be implemented

Program Features

**System Administrators**

System administrator are able to do the following:

* Configure Bank Official accounts:
  + Create bank official accounts
  + Enable or disable bank official accounts, set the status of the accounts as good or bad
* Configure Accounts
  + Create, delete, and/or modify the account types available to bank users
* Provide Bank Member Support:
  + Retrieve any user’s login ID
  + Reset the password for any user

**Bank Officials**

Bank Official users are able to do the following:

* Configure Bank Member Accounts:
  + Open or close member accounts
  + Deposit or withdraw from a member account (with member login as permission)
* Search for Member Accounts:
  + Search for member accounts with any of the information saved to the account
    - Member name, ID, phone number, address, and account number

**Bank Members**

Bank member users are able to do the following:

* Configure Personal Accounts:
  + Enroll in the Bear Bank program (create first account)
  + Request to have multiple accounts
  + Reset their password (with assistance from a system administrator
  + Deposit or withdraw from their account
* Review Account Activity:
  + Log in with valid user ID and password to see account information
  + Provided recent activity updates
    - Last account login and time
  + Provided with account transaction review

Data Structures

* **Users**
* **Accounts**
* **Dictionary**
* **Abstract**
* **Other**

Include a description/information about the data structures used in this program, and a summary table

Include justification for the use of each data structure (complexity analysis and alternitives)

Compile Instructions