## Banking App Pt.1

Due May 30th 9am

Description:

Leveraging Java 8, create an application that simulates simple banking transactions

Requirements:

* Build the application using Java 8
* All interaction with the user should be done through the console using the Scanner class
* Customers of the bank should be able to register with a username and password and apply to open an account.
  + Customers should be able to apply for joint accounts
* Once the account is open, customers should be able to withdraw, deposit, and transfer funds between accounts
  + All basic validation should be done, such as trying to input negative amounts, overdrawing from accounts etc.
* Employees of the bank should be able to view all of their customers information
  + This includes, account information
  + Account balances
  + Personal information
* Employees should be able to approve/deny open applications for accounts
* Bank admins should be able to view and edit all accounts
  + This includes:
    - Approving/denying accounts
    - withdrawing, depositing, transferring from all accounts
    - canceling accounts
* All information should be persisted using text files and serialization
* 100% test coverage is expected using J-Unit
  + You should be using TDD
* Logging should be accomplished using Log4J
  + All transactions should be logged