

Midterm Project Documentation

This is a document containing our basic ideas and layout for the program from our brainstorming session.

Development:

- Class for customer and class for employee
- Customer info (ArrayList of customers)
 - String name, String lastName, int accountNumber, double Balance, string password?
- Transaction class
 - String location, int transactionID, double transactionAmount (ArrayList?)

Design Ideas:

- Main menu
 - Option to login as customer or bank employee (Press 1 for Customer and 2 for Employee)
- If application is used for employee, employee is given the following options
 - manage its customer
 - Do everything customer can do to account, delete account
 - provide services for various banking applications
 - support different types of accounts
 - search for an account based on account number, user's name, etc;
 - Search for account display firstname lastname balance and account num
- If application is used for customer, the customer is given the following options
 - Create an account
 - Enter first name, last name, balance defaults 0, account num auto generates
 - Deposit funds
 - balance++
 - Withdraw funds
 - Balance--
 - Check balance
 - getBalance()
 - See transaction details
 - Print ArrayList
 - Transfer funds to other accounts
 - Enter valid account num, balance--, new account balance++