Cameron Lim

Project 0 Proposal

My project proposal is to create a banking application.

I will be creating an ATM that has the following functionalities and requirements:

1. **User Functionality**
   1. A user can create a new account.
   2. A user can check balance.
   3. A user can deposit/withdraw money.
   4. A user can transfer money to another valid user.
   5. A user can print balance to a file.
   6. A user can delete their account.
2. **MySQL**
   1. Customer Login Table
      1. Account ID, Username, Password
   2. Customer Data
      1. Account ID
      2. First Name
      3. Last Name
      4. Balance
   3. Transaction List
      1. Account ID
      2. Transaction ID
      3. Transaction Amount
      4. Transaction Date
3. **Authentication**
   1. User login will be checked to matched password to allow access to their bank account.