Account

Names: vector<string>
Balance: vector<string>

+ ViewBalance (int)

Savings Account

+ deposit
+ withdrawal
(not yet separate methods,
both inside Account
constructor)

Checking Account

+ deposit
+ withdrawal
(not yet separate methods,
both inside Account
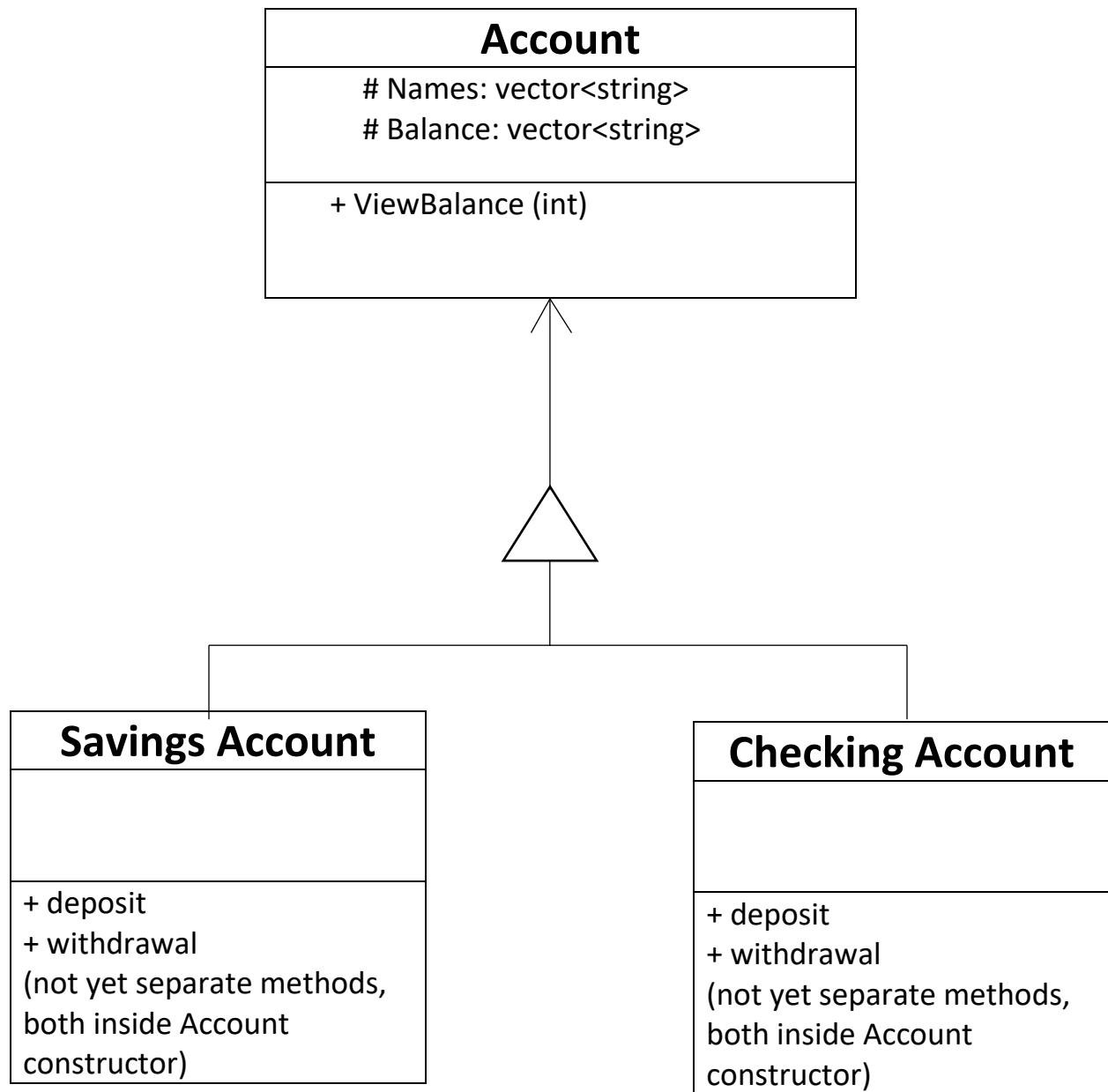constructor)

Class Diagram

Customer
- Choice_c: int - Username (user only): string - Password (user only): string - Length: int - Names (all): vector<string> - Passwords (all): vector<string>
+ Customer_Menu (): int + Customer_Login (): int + get_username (): string

Activities Diagram

Banking program
is initiated

Display
Menu

Exit
program

Notify user of
incorrect login
credentials

Log in as
customer

Verify username
and password

Display
customer
menu

Enter 3

Enter 2

Enter 1

Manage
savings
account

Manage
checking
account

Account
Menu

Enter 1

Enter 2

Enter 3

Deposit
money

Withdraw
money

Enter dollar
amount

Update
File