| Bank Application hosts main |
| --- |
| * Login |
| * CreateAccount |
| * Exit |

| Bank Account |
| --- |
| * TotalBalance: double |
| * CreateMoneyAccount |
| * ViewBalance getter |
| * ProfileUsername : string |
| * profilePassword : string |
| * Account Name: string |
| * Exit Account |
| * DepositMoney setter |
| +WithdrawMoney setter |

| MoneyAccount: Superclass |
| --- |
| * AccountNumber : int |
| * routingNumber: int |
| * TransferFunds setter |
| * ViewBalance getter |
| * View AccountNumber getter |
| * View RoutingNumber getter |
| * DateCreated java.util.date; |
| * nameAccount |
| * viewDateCreated getter |

| Savings Account Subclass of MoneyAccount |
| --- |
| * interestRate : float |
| * CalculateInterest |
| * lockSpending/ unlock |

| Checkings Account Subclass of MoneyAccount |
| --- |
| * Transactions getter |