#### Bank

## bank.py Bank

- customers {hash, Customer obj}
- filename ""
  add (loads bank data), authenticateUser,
  addCustomer, removeCustomer,
  setWorkingCustomer (sets current user),
  addAccount, removeAccount, deposit,
  withdraw, computeInterest,
  chargeMonthlyFee, save,
  customerSummary

### customer.py Customer

- account {"Checking": Account obj, "Savings": Account obj}
- hash, age, total, phone, email, overdraft
   addAccount, removeAccount, deposit,
   withdraw, computeInterest, chargeMonthlyFee,
   \_str\_\_, getters and setters

# checkingrelationship.py CheckingRelationship

checkingaccount.py

CheckingAccount

CHECKING\_MONTHLY\_FEE,

withdraw, chargeMonthlyFee

getBalance, deposit,

- balance,

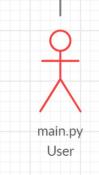
- balance, RELATIONSHIP\_MONTHLY\_FEE getBalance, deposit, withdraw, chargeMonthlyFee, \_\_str\_\_

## savingsaccount.py SavingsAccount

balance, counter,
 SAVINGS\_MONTHLY\_FEE
 \_str\_\_, getBalance, deposit,
 withdraw, computeInterest,
 chargeMonthlyFee

safechecking.py CheckingRestricted

- counter, balance, SAFE\_MONTHLY\_FEE deposit, withdraw, resetCounter, getBalance, chargeMonthlyFee, \_\_str\_\_



addaccount [type], removeaccount

[type], summary, interest, deposit

[type] [amount], withdraw [type]

[amount], removecustomer, exit