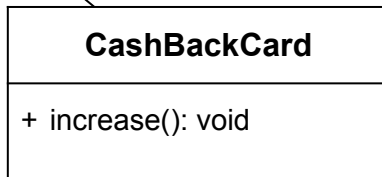
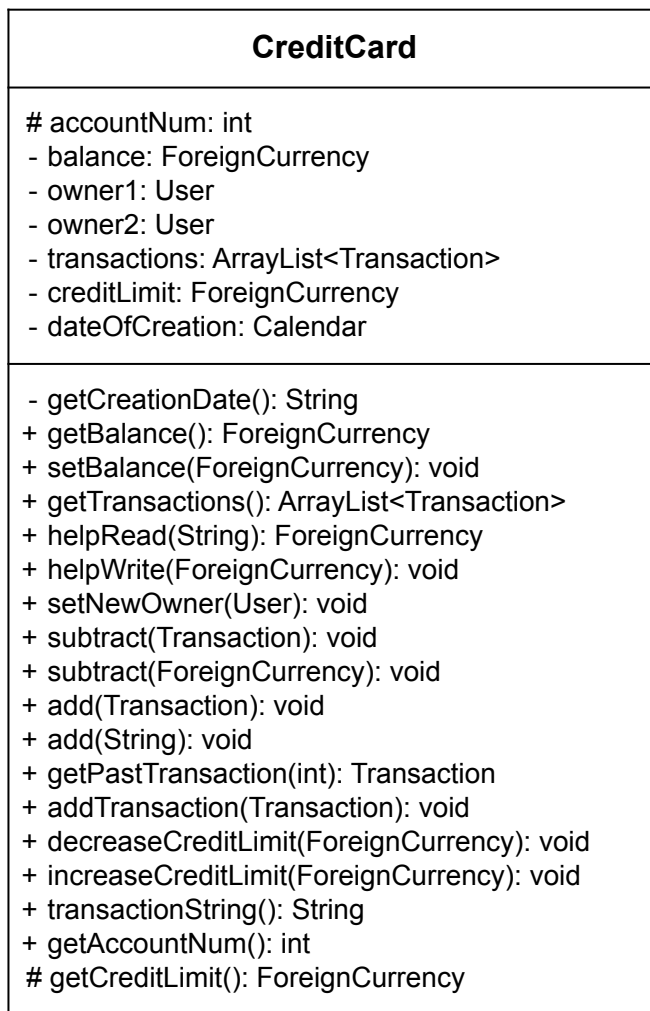
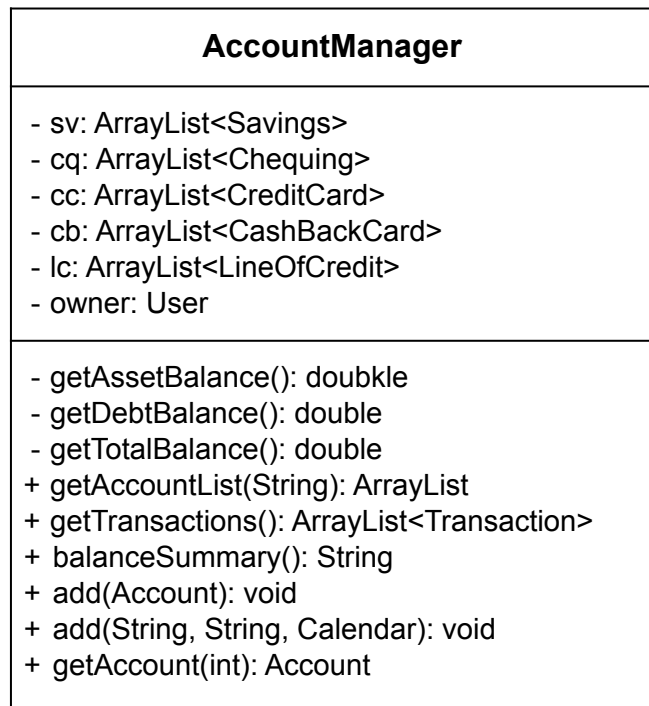


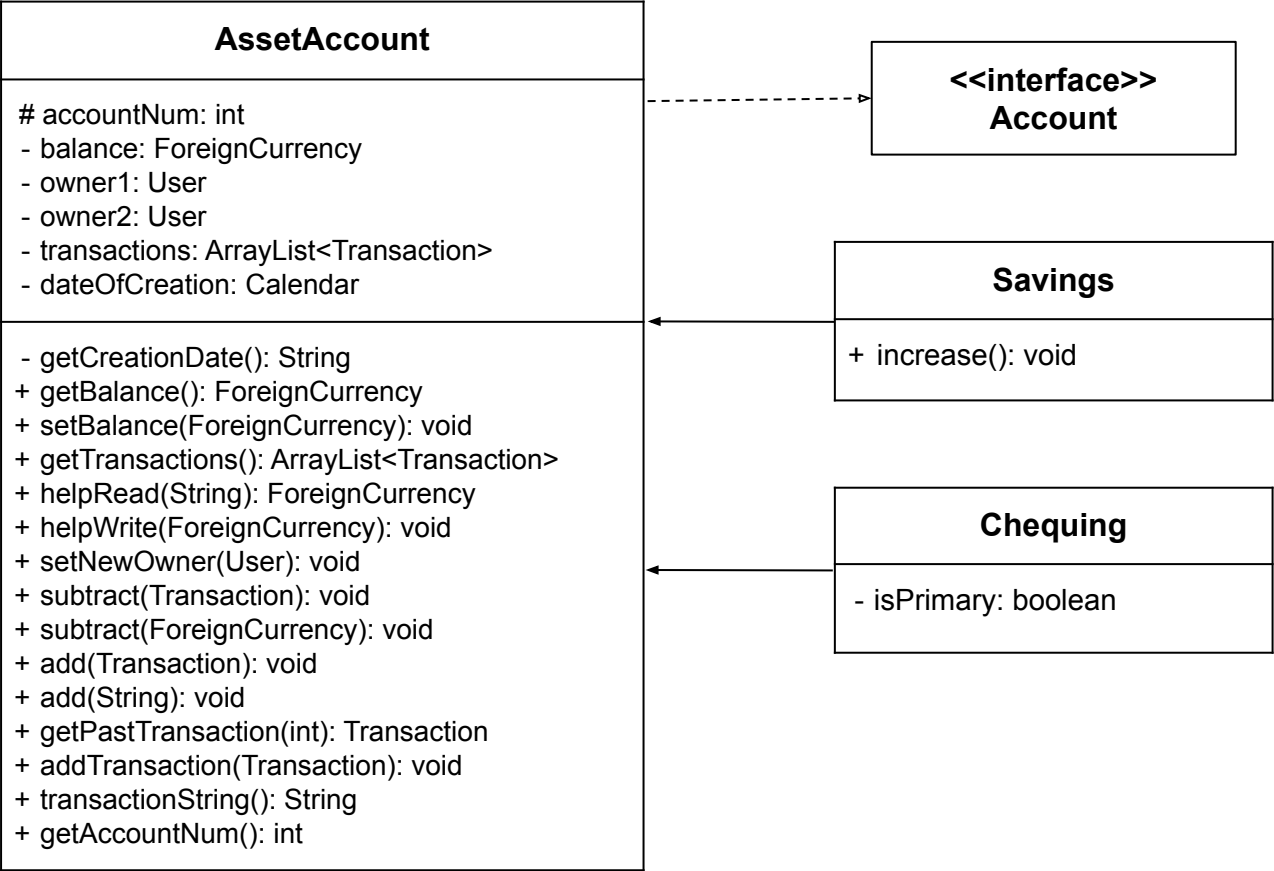
UML DIAGRAMS

group_0308

package phase2.Accounts



package phase2.Accounts



package phase2.Data

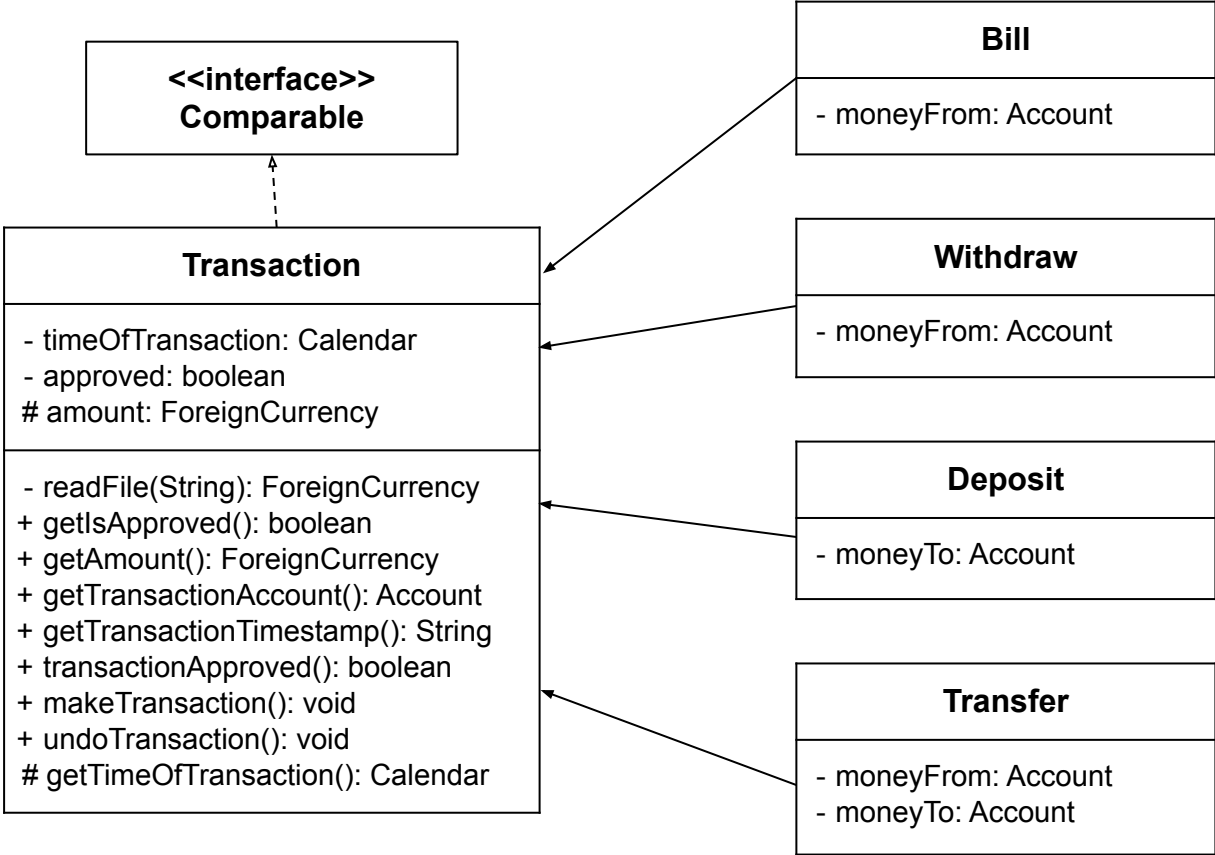
DataSaver

- writeATMData(): void
- writeAllUsers(): void
- writeUserData(User): void
- appendName(User): void
- writeSavingAccount(FileWriter, Savings): void
- writeAllSavings(FileWriter, User): void
- writeChequingAccount(FileWriter, Chequing): void
- writeAllChequing(FileWriter, User): void
- writeCreditCardAccount(FileWriter, CreditCard): void
- writeAllCreditCard(FileWriter, User): void
- writeLineOfCreditAccount(FileWriter, LineOfCredit): void
- writeAllLineOfCredit(FileWriter, User): void
- writeCashBackCardAccount(FileWriter, CashBackCard): void
- writeAllCashBackCard(FileWriter, User): void
- writeAllAccountRequests(): void
- writeAllUndoRequests(): void
- writeAllUserRequests(): void

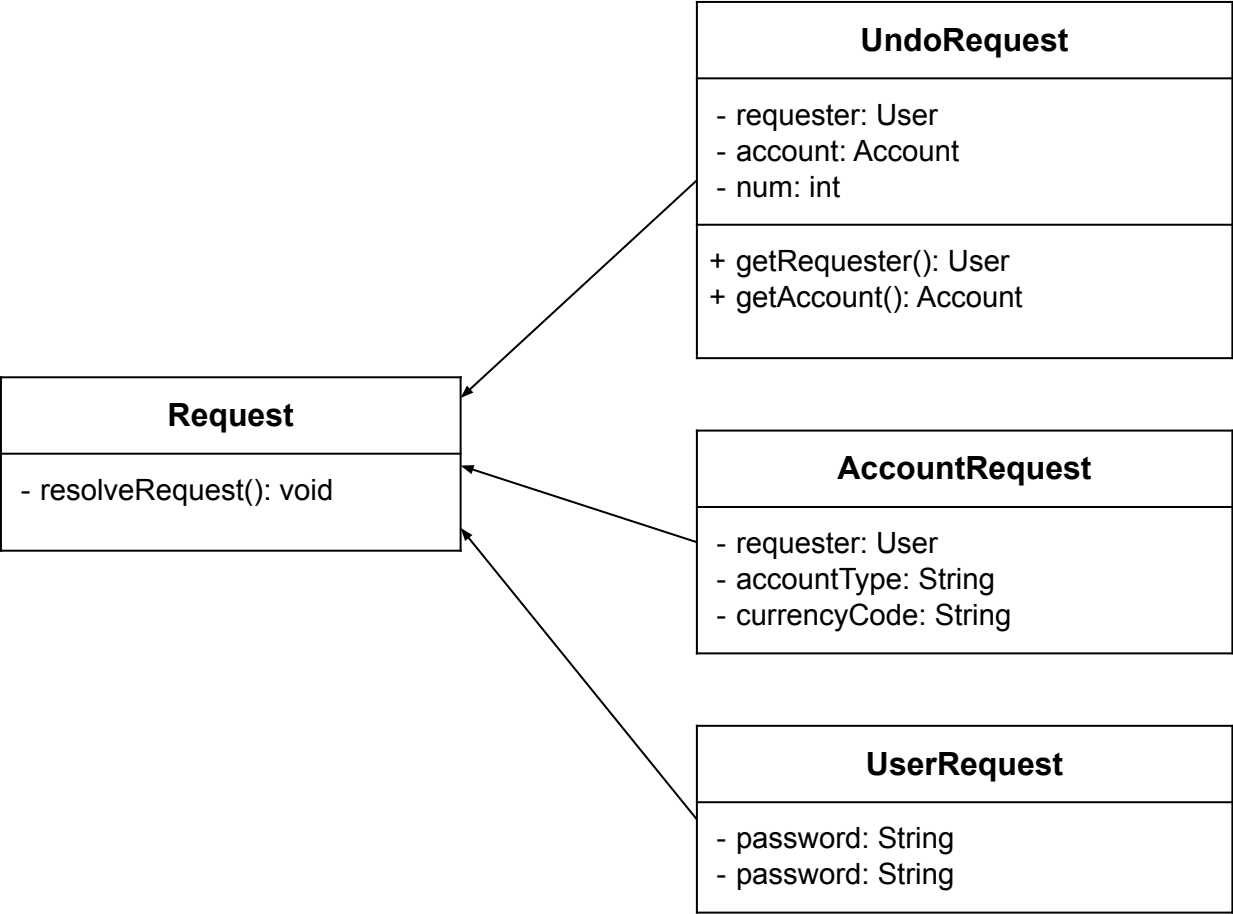
DataReader

- types: String[]
- readAllUserData(): void
- readUserData(String): void
- initializeUser(String): User
- addAccounts(String, User, int, BufferedReader): void
- addAllAccounts(String, User, BufferedReader): void
- initializeAccount(String, User, String): Account
- getCorrectCalendar(String[]): GregorianCalendar
- addAllTransactions(String, Account): void
- readTransaction(String[], Account): void
- readTransfer(String[], Account): void
- readOtherTransaction(String[], Account): void

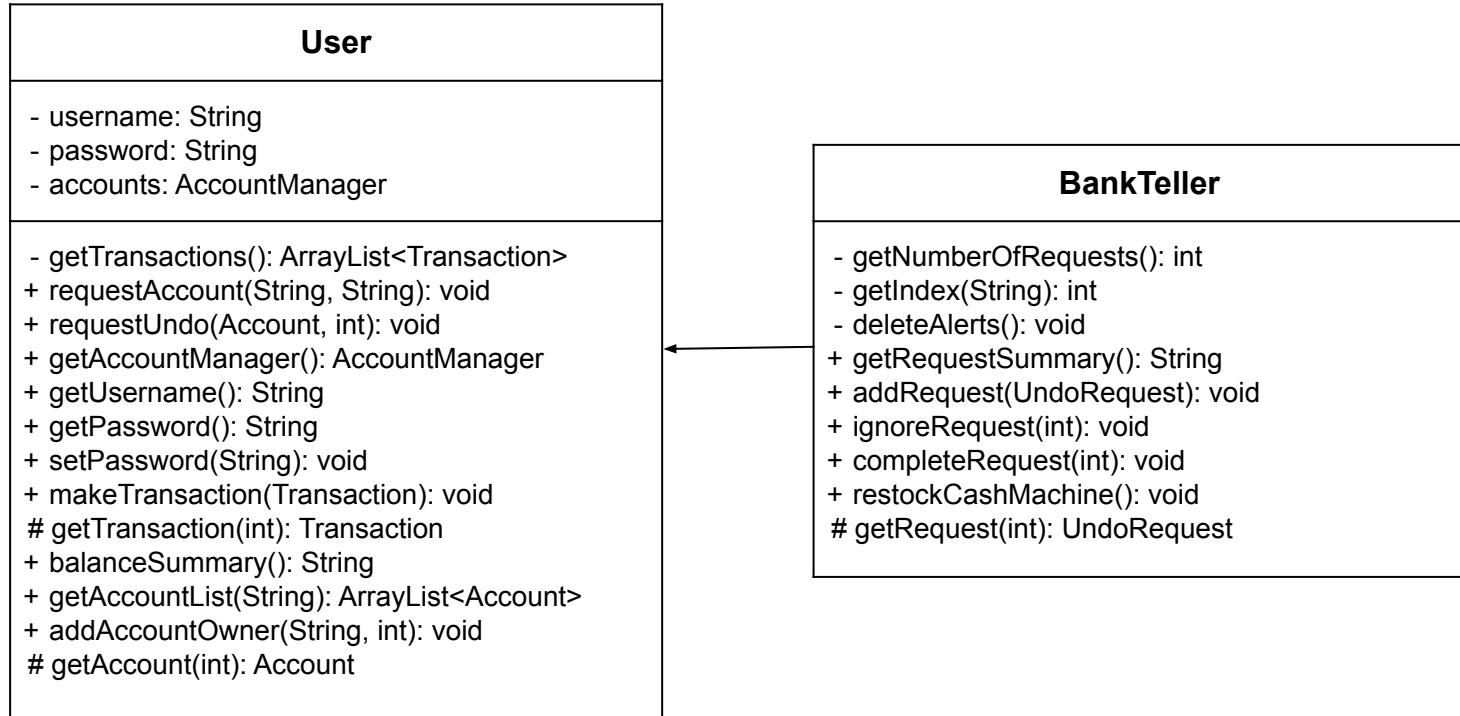
package phase2.Transactions



package phase2.Request



package phase2.People



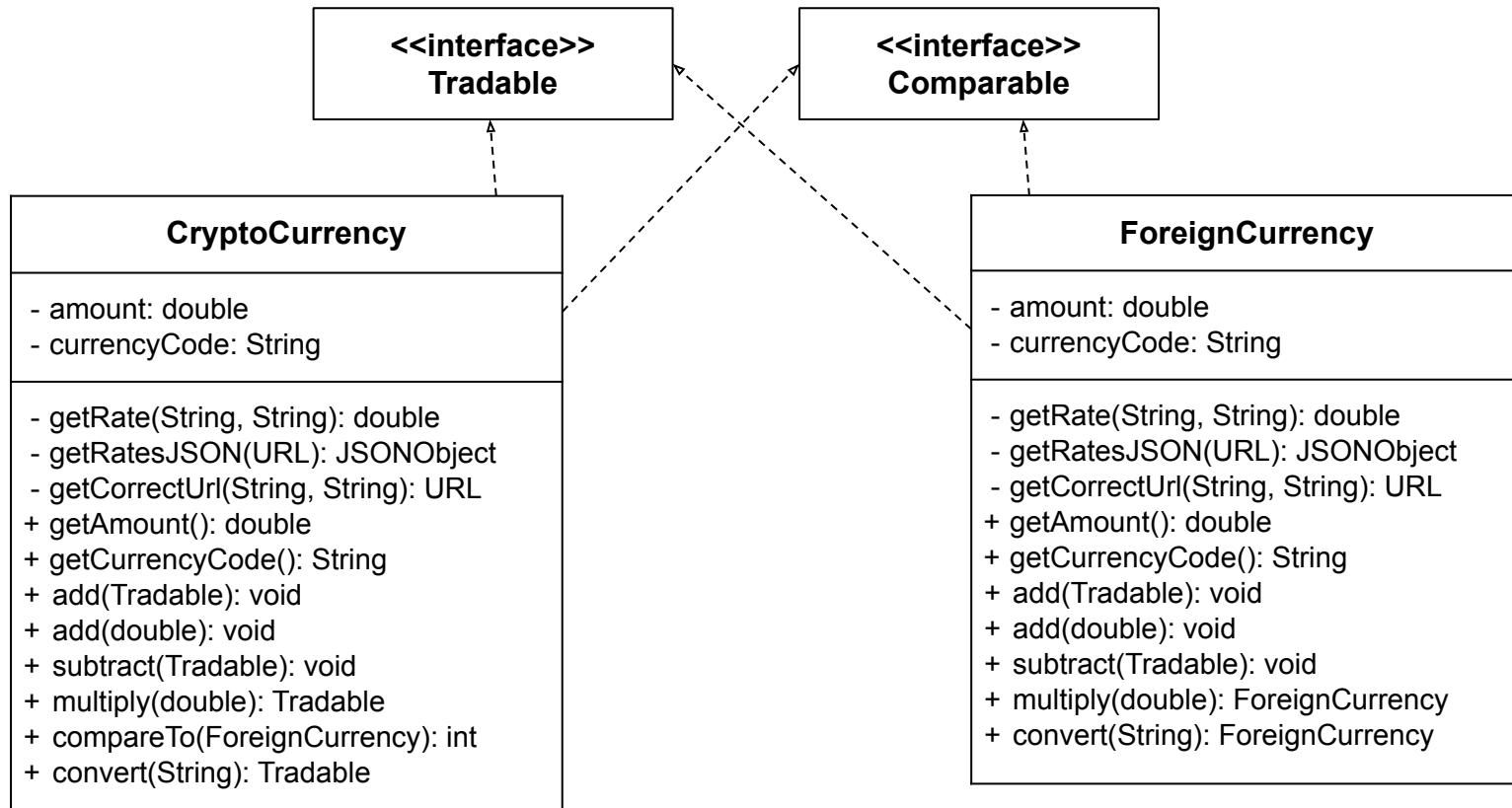
package phase2.People

UserManager
+ accountNum: int
- getDateCreation(): String + authenticateUsername(String): boolean + isBankManager(String): boolean + getNextAccountNum(): int + authenticatePassword(String, User): boolean + getUser(String): User + getUserAccount(int): Account + addUser(String, String): void + updateInterest(): void

BankManager
- username: String - password: String + userRequests: ArrayList<UserRequest> + accountRequests: ArrayList<AccountRequest>
+ getUsername(): String + getPassword(): String + setDate(int, int, int, int, int, int): void + getRequestList(): ArrayList<Request> + getRequest(int): Request + getNumberOfRequests(): int - getIndex(String): int - deleteAlerts(): void + getRequestSummary(): String + addRequest(UndoRequest): void + ignoreRequest(int): void + completeRequest(int): void + restockCashMachine(): void

package phase2.Display

package phase2.Tradable



package phase2

CashMachine
- bills: int[4]
- getNumBills(int): int - getDenomination(int): int - decreaseBills(int, int): void - writeAlerts(): void - numSubtract(int, int): int + increaseBills(int, int): void + withdrawBills(double): void + totalBalance(): int

ATMTime
- yearFactor: int - monthFactor: int - dayFactor: int - hourFactor: int - minuteFactor: int - secondFactor: int
- getCurrentDay(): int + getCurrentTime(): Calendar + isFirstOfMonth(): boolean + setDate(int, int, int, int, int, int, int): void