PECUNIA BANK MANAGEMENT SYSTEM

PAVAN(TEAM LEADER)

AKSHITHA

AKASH
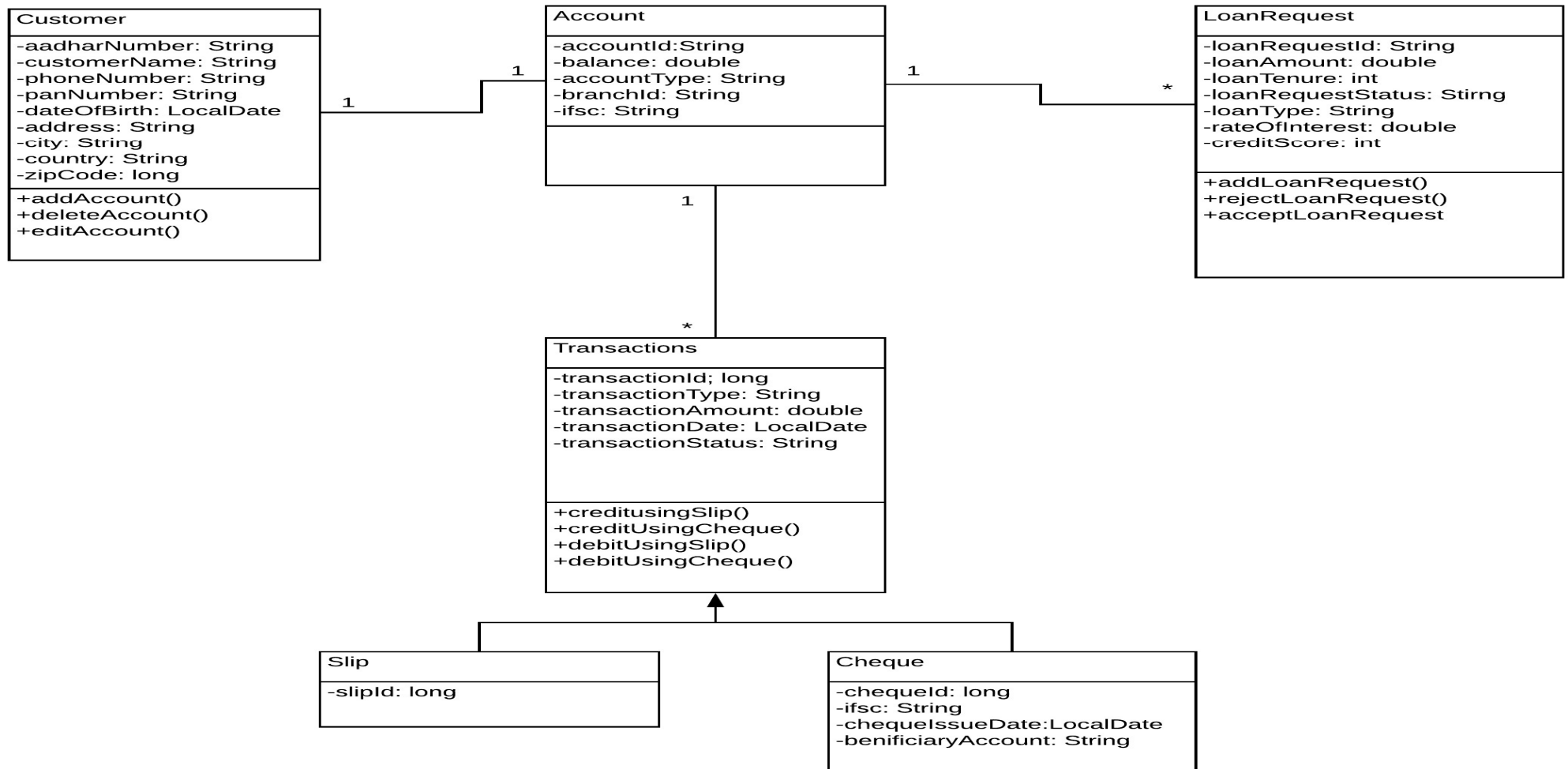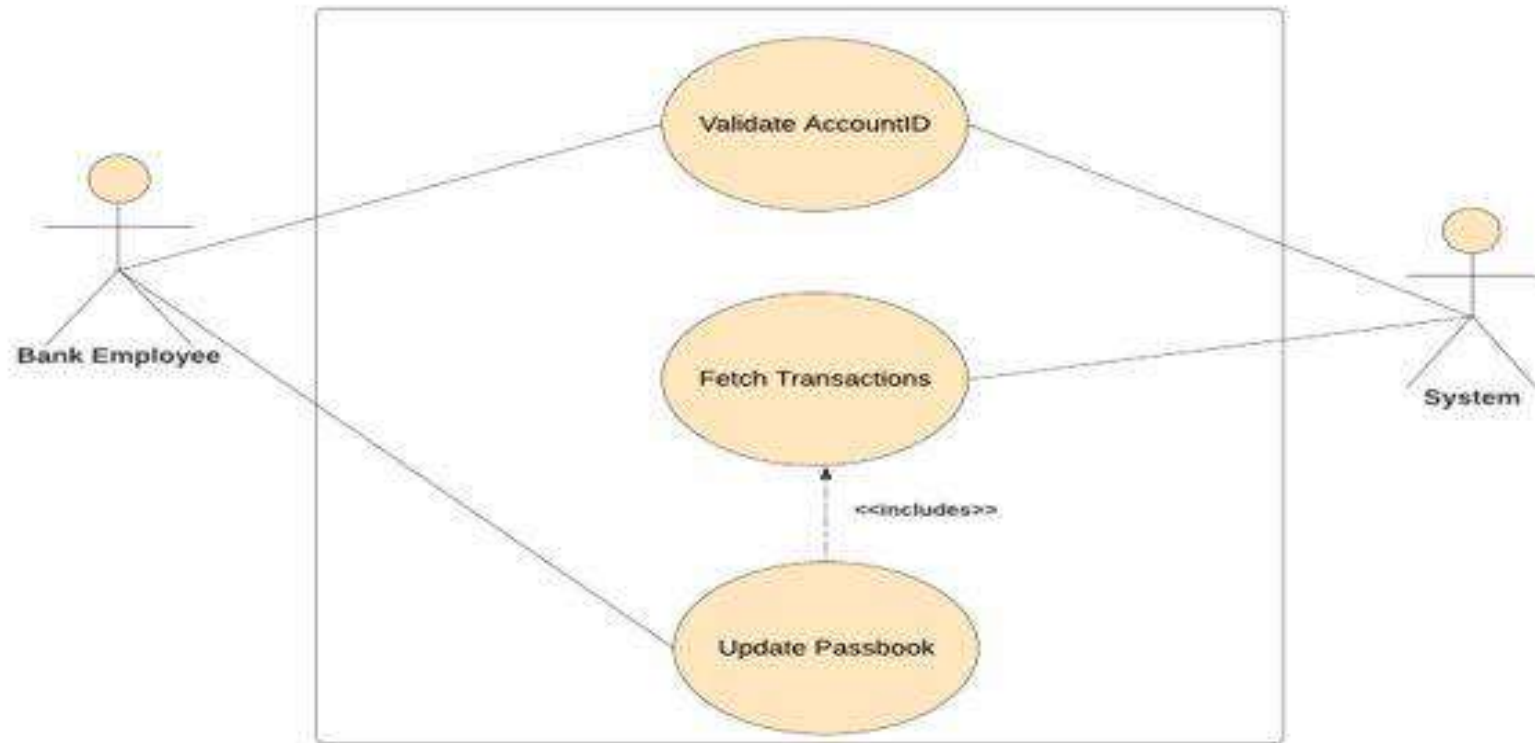
NAGASRI

PRITAM

Passbook Module:

- My module is to print the transactions that are done in the "Transaction module".

- It consists of print all transactions , print a particular transaction by transaction Id and print all transaction of a particular account number.

- All the methods are generated from other modules using "Rest template".

Sequence Diagram :

Customer

-aadharNumber: String
-customerName: String
-phoneNumber: String
-panNumber: String
-dateOfBirth: LocalDate
-address: String
-city: String
-country: String
-zipCode: long

+addAccount()
+deleteAccount()
+editAccount()

Account

-accountId:String
-balance: double
-accountType: String
-branchId: String
-ifsc: String

LoanRequest

-loanRequestId: String
-loanAmount: double
-loanTenure: int
-loanRequestStatus: Stirng
-loanType: String
-rateOfInterest: double
-creditScore: int

+addLoanRequest()
+rejectLoanRequest()
+acceptLoanRequest

Transactions

-transactionId; long
-transactionType: String
-transactionAmount: double
-transactionDate: LocalDate
-transactionStatus: String

+creditusingSlip()
+creditUsingCheque()
+debitUsingSlip()
+debitUsingCheque()

Slip

-slipId: long

Cheque

-chequeId: long
-ifsc: String
-chequeIssueDate:LocalDate
-benificiaryAccount: String

Use case diagram :

Flow Of Passbook Module:

```
                                              ┌──────────┐
                          ────────────────────▶│  Model   │
                          │                    └────┬─────┘
                          │                         │
                          │                         ▼
                          │                   ┌────────────┐
                          │                   │  Passbook  │
                          │                   │ Controller │
                          │                   └────┬──▲────┘
                          │                        │  │  TransactionDetails
                          │                        ▼  │
                          │                   ┌────────────┐
                          │                   │  Passbook  │
                          │                   │  Service   │
                          │                   └────┬──▲────┘
                          │                        │  │  TransactionDetails
                          │                        ▼  │
                    ┌──────────┐               ◇◇◇◇◇◇◇◇
                    │Exceptions│◀──────────────◇        ◇
                    └──────────┘               ◇◇◇◇◇◇◇◇
                          Invalid              │  ▲  TransactionDetails
                          AccountNumber/       ▼  │
                          Transaction ID    ┌──────────┐
                                            │ Database │
                                            └──────────┘
```
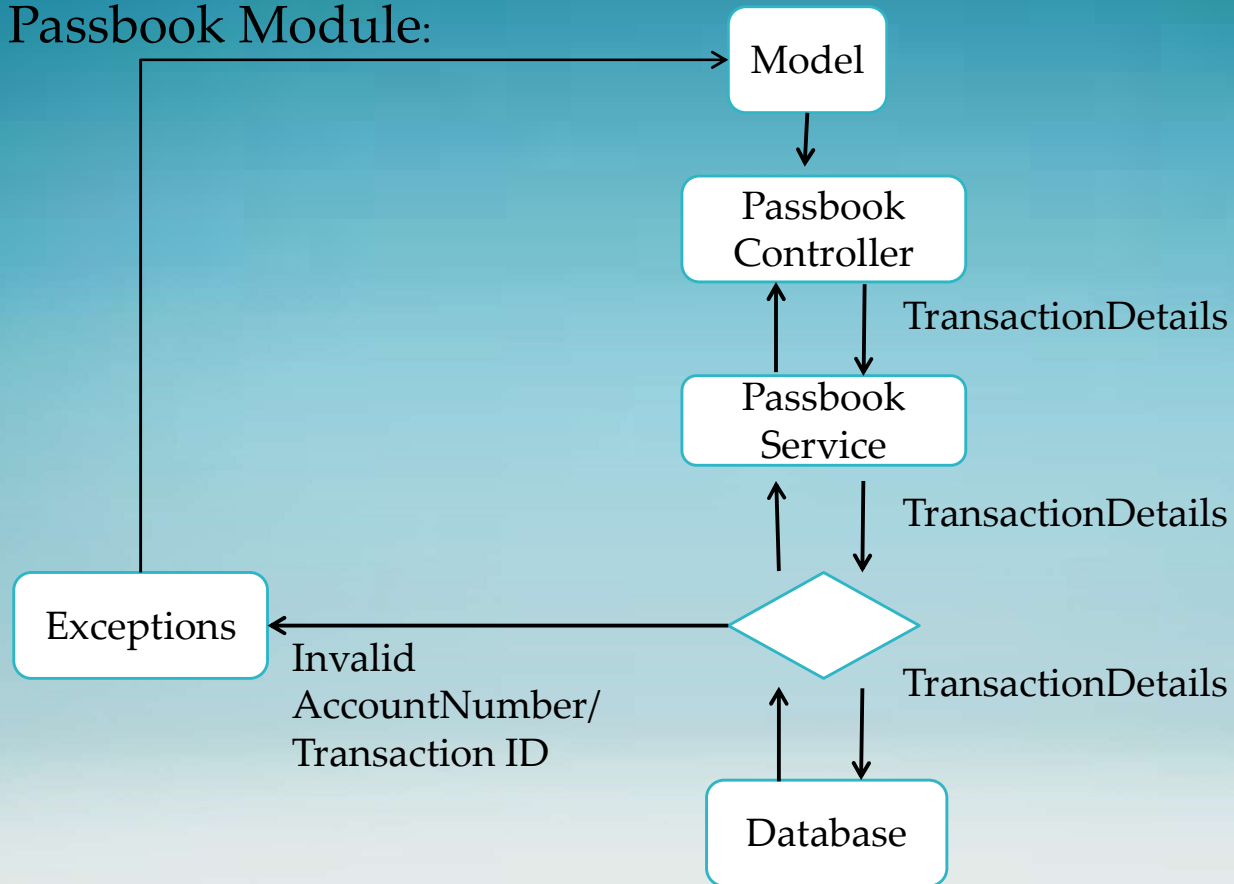
Conclusion :

- This module shows the transactions done by the customer.

Thank You!