Wallet

-creditCards: List
-bankAccounts: List

+ method(type): type

Transfer

-bankAccount: BankAccour

+withdraw(bankAccount:
BankAccount, amount:
BigDecimal)
+deposit(bankAccount:
BankAccount, amount:
BigDecimal)

BankAccount

-iD: Long
-accountNum: int
-routingNum: int
-bankName: String

+ method(type): type

BankAccountService

+ field: type

+ method(type): type

BankAccountRepo

+ field: type

+ method(type): type

CreditCard

-iD: Long
-cardName: String
-cardNumber: int
-expDate: String
-cvv: int

+ method(type): type

CreditCardRepo

+ field: type

+ method(type): type

CreditCardService

+ field: type

+ method(type): type

Transactions

- sourceID: Long
-destinationID: Long
-transactionID: Long
-accountID: Long

+ send (sourceID: Long
destinationID: Long,
amount: BigDecimal):
ResponseObject
+ request (destinationID: Lo
sourceID: Long,
amount: BigDecimal,
message: String)
+ find (destinationID: Long):
UserProfile

UserController

+ field: type

+ method(type): type

TransactionRepo

-transactions: List

UserProfile

-name: String
-userName: String
-balance: BigDecimal
-wallet: Wallet

+ method(type): type

User(Entity)

- id: Long
-oAuthid: Long
-name: String
-userName: String
-balance: BigDecimal

+ method(type): type

UserRepo

+ field: type

+ method(type): type

UserService

+ field: type

+ method(type): type