**package** org.paymentgatewaysystem.model;

**import** java.util.List;

**public** **class** UserDetails {

**private** **int** userId ;

**private** String userName;

**private** String password;

**private** String firstName;

**private** String lastName;

**private** String phoneNumber;

**private** String email;

**private** String address;

**private** List<BankAccount> bankAccounts;

**public** **int** getUserId() {

**return** userId;

}

**public** **void** setUserId(**int** userId) {

**this**.userId = userId;

}

**public** String getUserName() {

**return** userName;

}

**public** **void** setUserName(String userName) {

**this**.userName = userName;

}

**public** String getPassword() {

**return** password;

}

**public** **void** setPassword(String password) {

**this**.password = password;

}

**public** String getFirstName() {

**return** firstName;

}

**public** **void** setFirstName(String firstName) {

**this**.firstName = firstName;

}

**public** String getLastName() {

**return** lastName;

}

**public** **void** setLastName(String lastName) {

**this**.lastName = lastName;

}

**public** String getPhoneNumber() {

**return** phoneNumber;

}

**public** **void** setPhoneNumber(String phoneNumber) {

**this**.phoneNumber = phoneNumber;

}

**public** String getEmail() {

**return** email;

}

**public** **void** setEmail(String email) {

**this**.email = email;

}

**public** String getAddress() {

**return** address;

}

**public** **void** setAddress(String address) {

**this**.address = address;

}

**public** List<BankAccount> getBankAccounts() {

**return** bankAccounts;

}

**public** **void** setBankAccounts(List<BankAccount> bankAccounts) {

**this**.bankAccounts = bankAccounts;

}

**public** **static** **void** main(String[] args) {

// **TODO** Auto-generated method stub

}

}

**package** org.paymentgatewaysystem.model;

**import** java.util.Date;

**public** **class** UserAccountDetails {

**private** **int** userAccountId;

**private** Date accountOpenDate;

**private** **double** currentWalletBalance;

**private** **int** linkedAccountsCount;

**private** String walletPin;

**private** UserDetails user;

**public** **int** getUserAccountId() {

**return** userAccountId;

}

**public** **void** setUserAccountId(**int** userAccountId) {

**this**.userAccountId = userAccountId;

}

**public** Date getAccountOpenDate() {

**return** accountOpenDate;

}

**public** **void** setAccountOpenDate(Date accountOpenDate) {

**this**.accountOpenDate = accountOpenDate;

}

**public** **double** getCurrentWalletBalance() {

**return** currentWalletBalance;

}

**public** **void** setCurrentWalletBalance(**double** currentWalletBalance) {

**this**.currentWalletBalance = currentWalletBalance;

}

**public** **int** getLinkedAccountsCount() {

**return** linkedAccountsCount;

}

**public** **void** setLinkedAccountsCount(**int** linkedAccountsCount) {

**this**.linkedAccountsCount = linkedAccountsCount;

}

**public** String getWalletPin() {

**return** walletPin;

}

**public** **void** setWalletPin(String walletPin) {

**this**.walletPin = walletPin;

}

**public** UserDetails getUser() {

**return** user;

}

**public** **void** setUser(UserDetails user) {

**this**.user = user;

}

**public** **static** **void** main(String[] args) {

// **TODO** Auto-generated method stub

}

}

**package** org.paymentgatewaysystem.model;

**public** **class** BankAccount {

**private** String bankAccountId;

**private** String accountNumber;

**private** String ifscCode;

**private** String bankName;

**private** String branch;

**private** **enum** accountStatus{***ACTIVE***,***INACTIVE***,***FROZEN***,***CLOSED***;}

**private** UserDetails user;

**public** String getBankAccountId() {

**return** bankAccountId;

}

**public** **void** setBankAccountId(String bankAccountId) {

**this**.bankAccountId = bankAccountId;

}

**public** String getAccountNumber() {

**return** accountNumber;

}

**public** **void** setAccountNumber(String accountNumber) {

**this**.accountNumber = accountNumber;

}

**public** String getIfscCode() {

**return** ifscCode;

}

**public** **void** setIfscCode(String ifscCode) {

**this**.ifscCode = ifscCode;

}

**public** String getBankName() {

**return** bankName;

}

**public** **void** setBankName(String bankName) {

**this**.bankName = bankName;

}

**public** String getBranch() {

**return** branch;

}

**public** **void** setBranch(String branch) {

**this**.branch = branch;

}

**public** UserDetails getUser() {

**return** user;

}

**public** **void** setUser(UserDetails user) {

**this**.user = user;

}

**public** **static** **void** main(String[] args) {

// **TODO** Auto-generated method stub

}

}

**package** org.paymentgatewaysystem.model;

**import** java.time.LocalDateTime;

**import** java.util.Date;

**public** **class** TransactionDetails {

**private** **int** transactionId;

**private** LocalDateTime transactionDateAndTime;

**private** **int** sourseId;

**private** **int** destinationId;

**public** **static** **void** main(String[] args) {

// **TODO** Auto-generated method stub

}

}

**package** org.paymentgatewaysystem.model;

**public** **class** SourceTypes {

**private**

**public** **static** **void** main(String[] args) {

// **TODO** Auto-generated method stub

}

}