Relational Schema

User (<u>Username</u>,Password)
Banker(<u>ID</u>,Name,Email,Phone.NO,Dept.ID, Address, <u>Username</u>)
Banker.Username references User.Username
Client(<u>National ID</u>,Email,Name,Address,<u>Username</u>)
Client.Username references User.Username

Admin(<u>ID</u>,Name,<u>Username</u>)
Admin.Username references User.Username

Loan (<u>Loan ID</u>,Interest,Plan,Due Date,Type,Balance Amount,No of installments, <u>National ID</u>,)
Loan.National ID references Client.National ID

Bank Account(<u>National ID</u>,<u>Account.no</u>,Balance,Type)

Bank Account.National ID references Client.National ID

Credit Card(<u>National ID, Card NO,</u>Balance,Amount due , Due Date,Limit)

Credit Card.National ID references Client.National ID

Transactions (<u>ID, National ID,</u> Amount)
Transactions.National ID references Client.National ID

Transfers (<u>ID, Amount, Sender Account NO</u>)
Transfers. Sender Account NO references Bank Account.Account NO
Personal (<u>ID,</u> Account type)
Personal.ID references Transfers.ID

Domestic(<u>ID</u> ,Bank name , Beneficiary Account NO, Beneficiary's name , IBAN)
Domestic.ID references Transfers.ID
Internal(<u>ID</u> , Beneficiary's name , Beneficiary Account NO)
Internal.ID references Transfers.ID
International(<u>ID</u> ,Bank name, Country, Beneficiary's name,IBAN, Beneficiary Account NO,SWIFT)
International.ID references Transfers.ID

Bills(ID,Type,Due Date ,National ID)
Bills.National ID references Client.National ID

Points (ID,Balance,Source,National ID)
Points.National ID references Client.National ID

Request/Report(ID,Status,Request Form,type, Banker ID,National ID)
Request/Report. Banker ID references Banker. ID
Request/Report. National ID references Client. National ID