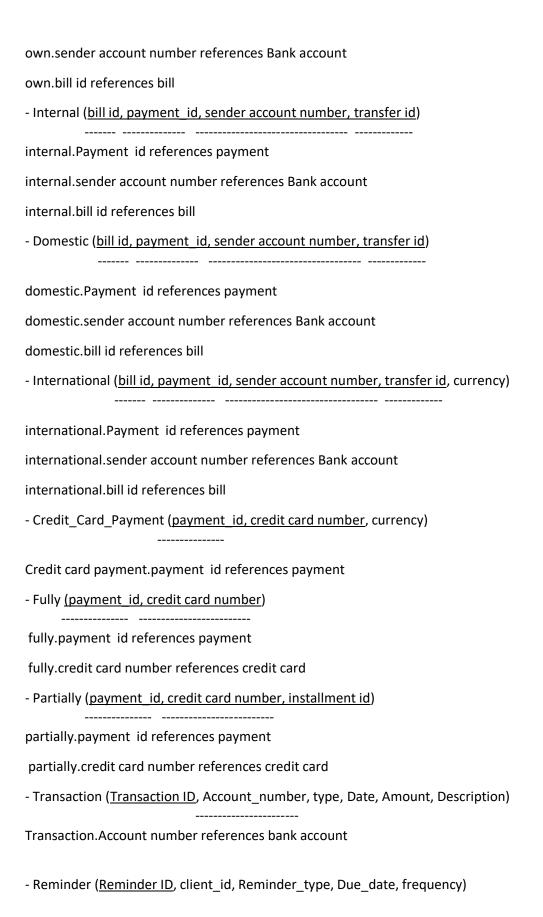- User (<u>User_id</u>, First_name, Last_name, Email_address, Phone_number, Address)

- Phone (<u>User_id, Phone_number</u>)

 Phone.User_ID references User.User_ID

- Client (<u>client_id</u>, password, user_id, points, national_id)

Client.User_id references User.User_ID

- Bank account (<u>Account_number</u>, client_ID, Account_type, Account_balance)

Bank account.client_ID references client.client_id

- Credit_card (<u>card number</u>, client_ID , Account_number, Credit limit, card_name, CVV, expiry_date)
                          ------------   ---------------------
Credit card.client_id references client.client_ID

Credit card.Account number references Bank account.Account_number

- Banker (<u>bankerID</u> , user_name, pass)

- Loan (<u>Loan ID</u>, User_ID, status, Loan_type, Loan amount, Interest_rate, duration)

 Loan.User_id references User.User_id

- Payment (<u>payment_id</u>, status, payment_type, amount, date, client_id)
                                                            ----
payment.client_id refrences client.client_id

- Loan payment (<u>loan id, payment_id</u>)
                        ----
loan payment.payment_id references payment

- Bill payment (<u>bill id, payment_id</u>, bill_company, bill_type)
                --------   --------------
bill payment.payment_id references payment.payment_id

bill payment.bill id references bill payment

- Transfer (<u>bill id, payment_id, sender_account_number, transfer id</u>, date, amount)
                --------   -------------   -------------------------------
transfer.payment_id references payment

transfer.sender account number references Bank account

transfer.bill_id references bill payment

- Own (<u>bill id, payment_id, sender_account_number, transfer id</u>)
          ------- ------------- -------------------------------- -------------
-own.payment_id references payment

own.sender account number references Bank account

own.bill id references bill

- Internal (bill id, payment_id, sender account number, transfer id)
        ------- ------------- -------------------------------- -------------

internal.Payment id references payment

internal.sender account number references Bank account

internal.bill id references bill

- Domestic (bill id, payment_id, sender account number, transfer id)
        ------- ------------- -------------------------------- -------------

domestic.Payment id references payment

domestic.sender account number references Bank account

domestic.bill id references bill

- International (bill id, payment_id, sender account number, transfer id, currency)
            ------- ------------- -------------------------------- -------------

international.Payment id references payment

international.sender account number references Bank account

international.bill id references bill

- Credit_Card_Payment (payment_id, credit card number, currency)

Credit card payment.payment id references payment

- Fully (payment_id, credit card number)
        --------------   ------------------------

 fully.payment id references payment

 fully.credit card number references credit card

- Partially (payment_id, credit card number, installment id)
            --------------   ------------------------
partially.payment id references payment

 partially.credit card number references credit card

- Transaction (Transaction ID, Account_number, type, Date, Amount, Description)

Transaction.Account number references bank account

- Reminder (Reminder ID, client_id, Reminder_type, Due_date, frequency)

Reminder.client_id references client.client_id

- Technical issue (<u>Issue ID</u>, client_id, Date_reported, Description, status, time)

Technical issue.client_id references client.client_id

- Beneficial (<u>recipient_account_number</u>)

- application (<u>application id</u>, full name, type, date of birth, email address, phone number, account_number, address)
----
application.account_number references bank account.account_number

- Admin (<u>admin_ID</u>, name, email, password, contact information)