Database Schema

Customer(<u>National_ID</u>, (First_Name, Last_Name), Email, Address, Date_Of_Birth)

Account(<u>Phone_Number,</u> Total_Points, Status, Start_Date, Balance, Type, <u>National_ID</u>)

Account.National_ID references Customer.

Service_Plan(<u>Plan_ID</u>, Internet_GB, Call_Minutes, Number_Of_SMS, Name, Price, Description)

Subscribe(<u>Phone_Number</u>, <u>Plan_ID</u>, Sub_Date, Sub_Status)

Subscribe.Phone_Number references Account.

Subscribe.Plan_ID references Service_Plan.

Plan_Usage(Usage_ID, Start_Date, End_Date, Data_Consumption, Minutes_Used, SMS_Sent, <u>Phone_Number</u>, <u>Plan_ID</u>)

Plan_Usage.Phone_Number references Account.

Plan_Usage.Plan_ID references Service_Plan.

Payment(<u>Payment_ID</u>, Date_Of_Payment, Transaction_Amount, Payment_Method, Payment_Status, <u>Phone_Number</u>, <u>Plan_ID</u>)

Payment.Phone_Number references Account.

Payment.Plan_ID references Service_Plan.

Wallet(Wallet_ID, Balance, Last_Modified_Date, Currency, <u>National_ID</u>)

Wallet.National_ID references Customer.

Transfers(<u>Sender_ID</u>, <u>Receiver_ID</u>, Date_Of_Transaction, Amount_Of_Transaction)

Transfers.Sender_ID references Wallet.

Transfers.Receiver_ID references Wallet.

Benefits(Benefit_ID, Description, Status, Validity_Date, Phone_Number)

Benefits.Phone_Number references Account.

Provide(Plan_ID, Benefit_ID)

Provide.Plan_ID references Service_Plan.

Provide.Benefit_ID references Benefits.

Points_Group(Benefit_ID, Points_ID, Amount)

Points_Group.Benefit_ID references Benefits.

Exclusive_Offer(Benefit_ID, Offer_ID, Internet_GB, Number_Of_SMS, Call_Minutes)

Exclusive_Offer.Benefit_ID references Benefits.

Cashback(Benefit_ID, Cashback_ID, Credit_Date, Amount)

Cashback.Benefit_ID references Benefits.

Voucher(Voucher_ID, Value, Expire_Date, Points_Required, Phone_Number, Shop_ID)

Voucher.Phone_Number references Account.

Voucher.Shop_ID references Shop.

Shop(Shop_ID, Name, Type)

Physical_Store(Shop_ID, Address, Working_Hours)

Physical_Store.Shop_ID references Shop.

E-Shop(Shop_ID, URL, Rating)

E-Shop.Shop_ID references Shop.

Ticket (Phone_Number, Ticket_ID, Description, Status, Priority_Level)

Ticket.Phone_Number references Account.