## Relational SCHEMA

Customer\_profile(National\_ID, Email, Birth\_Date, address, first\_name, last\_name).

Customer\_account (mobile-number, Start date, Line-balance, status, account-type, Total points, National\_ID).

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→Customer\_account.National\_ID references Customer\_profile.National\_ID.

Service\_plan (Plan\_ID, Description, price, name, Call\_minutes, Internet\_GB, SMS).

Subscribe( mobile number, plan ID , Subscription\_date , status).

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→ Subscribe.mobile\_number references Customer\_account.mobile-number.

Subscribe.plan\_id references Service\_plan.plan\_ID.

Plan\_usage (<u>Usage\_ID</u>, Start\_date, end\_date, data\_consumption, min\_used, SMS\_sent,

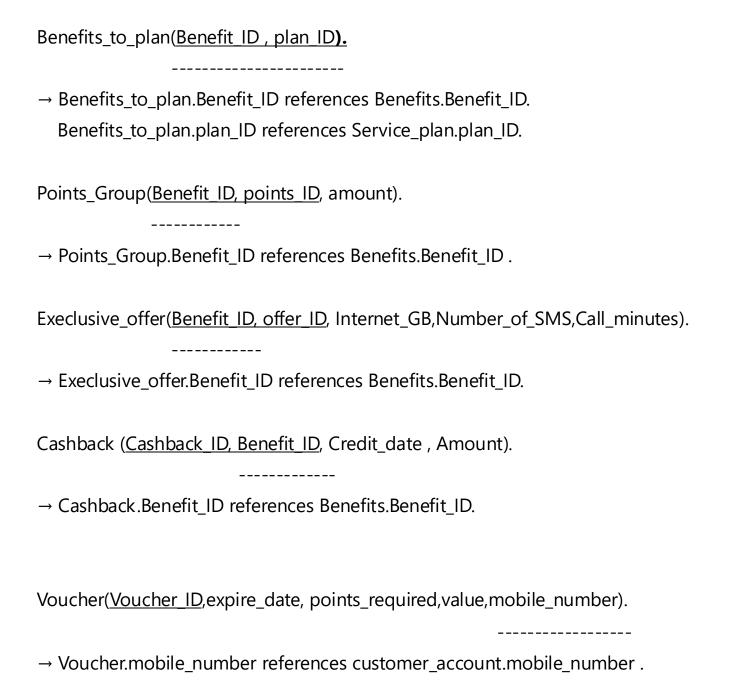
Mobile\_number, plan\_ID).

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→Plan\_usage.mobile\_number references Customer\_account.mobile\_number.

Plan\_usage.plan\_id references Service\_plan.plan\_ID.

Payment ( <a href="Payment ID">Payment ID</a> , status, transaction_amount, date_of _payment, method,
mobile_number, Plan_ID).
→ Payment.mobile_number references Customer_account.mobile_number.
Payment.plan_id references Service_plan.plan_ID.
Wallet (Wallet_ID, Current_balance, Currency, last_modified_date, mobile_number ).
→ Wallet.mobile_number references Customer_account.mobile_number.
Transfer_money ( <u>Wallet_ID</u> , Amount_Sent, Date ).
→ Transfer_money.Wallet_ID references Wallet.Wallet_ID .
Benefits( <u>Benefit_ID</u> ., Description, status, validity_date, mobile_number).
→Benefits.mobile_number references Customer_account.mobile_number.



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Shop(Shop ID, name).
Redeem (Voucher ID, Shop ID).
\rightarrow Redeem.Voucher_ID references Voucher.Voucher_ID .
   Redeem.Shop_ID references Shop.Shop_ID.
Physics_shop (Shop ID, Address, Working_hours).
→ Phyics_shop_ID references Shop.Shop_ID .
E-Shop (Shop-ID, Website_URL, Rating).
→ E-Shop.shop_ID references Shop.Shop_ID .
Technical_support_ticket (<u>Ticket_ID</u>, Issue_description, status, Priority_level, <u>mobile_number</u>).
→ Technical_support_ticket.mobile_number references customer_account.mobile_number.
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