

Team 104 Relational Schema

- Customer_Profile(national_ID, first_name, last_name, email, address, date_of_birth)
- Customer_Account(mobile_number, line_balance, type, start_date, total_points_earned, national_ID)
 - Customer_Account.national_ID references Customer_profile.national_ID
- Service_Plan(plan_ID, name, description, price, number_call_minutes, internet_GB, number_of_SMS)
- Voucher(voucher_ID, value, expiry_date, points_required, mobile_number)
 - Voucher.mobile_nummber references Customer_Account.mobile_number
- Payment(payment_ID, payment_method, payment_status, transcation_amount, payment_data, mobile_number, plan_ID)
 - Payment.mobile_number references Customer_Account.mobile_number
 - Payment.plan_ID references Service_Plan.plan_ID
- Plan_usage(usage_ID, start_date, end_date, data_consumption, minutes_used, SMS_sent, mobile_number)
 - Plan_usage.mobile_number references Customer_Account.mobile_number
- Wallet(wallet_ID, current_balance, transaction_currency, last_modified_date, mobile_number)
 - Wallet.mobile_number references Customer_Account.mobile_number
- Benefits(benefit_ID, description, validity_date, status, mobile_number)
 - Benefits.mobile_number references Customer_Account.mobile_number
- Points_Group(points_group_ID, benefit_ID, amount)
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 - Points_Group.benefit_ID references Benefits.benefit_ID
- Exclusive_Offer(offer_ID, benefit_ID, call_minutes, number_of_sms, internet_GB)
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 - Exclusive_Offer.benefit_ID references Benefits.benefit_ID
- Cashback(cashback_ID, amount, credit_date, wallet_ID, benefits_ID)
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 - Cashback.benefit_ID references Benefits.benefit_ID
 - Cashback.wallet_ID references Wallet.wallet_ID
- Shop(shop_ID, name, product_type)
- Physical_Store(shop_ID, address, working_hours)
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 - Physical_store.shop_ID references Shop.shop_ID

- E-shop(shop_ID, website_URL, rating)
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 - E-Shop.shop_ID references Shop.shop_ID

- Technical_support_Ticket(mobile_number, ticket_ID, priority_level,
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 - issue_description, status)
 - Technical_support_ticket.mobile_number references Customer_account.mobile_number
- subscription(mobile_number, plan_ID, subscription_date, status)
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 - subscription.mobile_number references Customer_account.mobile_number
 - subscription.plan_ID references Service_Plan.plan_ID
- transfer(sender_ID, receiver_ID, transaction_date, transfer_amount)
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 - transfer.sender_ID references Wallet.wallet_ID
 - transfer.receiver_ID references Wallet.wallet_ID
- provide(benefit_ID, plan_ID)
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 - provide.benefit_ID references Benefits.benefit_ID
 - provide.plan_ID references Service_Plan.plan_ID
- redeemed_at(voucher_ID, shop_ID)
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 - redeemed_at.voucher_ID references Voucher.voucher_ID
 - redeemed_at.shop_ID references Shop.shop_ID