Ref_Payment_Method
- payment_method_code : Varchar(20)
- payment_method_desc : Varchar(100)
- (PK) payment_method_id : Int

Customer
- (PK) customer_id : Long(20)
- gender : Varchar(6)
- first_name : Varchar(50)
- last_name : Varchar(50)
- email_address : Varchar(50)
- password : Varchar(50)
- phone_number : Varchar10)
- address_line_1 : Varchar(200)
- address_line_2 : Varchar(200)
- city : Varchar(50)
- country : Varchar(50)
- zip_code : Char(5)

user

Address
- address_line_1 : Varchar(200)
- address_line_2 : Varchar(200)
- city : Varchar(50)
- country : Varchar(50)
- zip_code : Char(5)
- (PK) address_id : Long(20)

Vendor
- (PK) vendor_id : Long(20)
- vendor_auth_status_code : Enum
- vendor_name : Varchar(200)
- display_name : Varchar(200)
- (FK) address_id : Long(20)
- phone_number : Varchar10)
- bank_account_number : Varchar(12)

Ref_Product_Type
- product_type_code : Varchar(20)
- product_type_desc : Varchar(200)
- (PK) product_type_id : Long(20)

Customer_Payment_Option
- (PFK) customer_id : Long(20)
- (FK) payment_method_id : Int
- credit_card_number : Varchar(20)
- payment_method_details : Varchar(200)

Product
- (PK) product_id : Long(20)
- (FK) product_type_id : Long(20)
- product_name : Varchar(100)
- product_price : Decimal(19,4)
- product_color: Varchar70)
- product_size : Int
- product_desc: Varchar200)
- image_filename : Varchar(200)
- product_type_code : Varchar(20)
- product_quantity : Int

Commodity
- (FK) vendor_id : Long(20)
- (FK) product_id : Long(10)
- quantity : Int
- approved_status_code : Enum
- price : Decimal(19,4)
- (PK) commodity_id : Long(20)

Shopping_Carts
- (PK) shopping_cart_id : Long(20)
- (FK) customer_id : Long(20)

Wish_List
- (PK) wish_list_id : Long(20)
- (FK) customer_id : Long(20)

Shopping_Cart_Product
- (PFK) shopping_cart_id : Long(20)
- (FK) product_id : Long(20)
- quantity : Int

Wish_List_Product
- (PFK) wish_list_id : Long(20)
- (PFK) product_id : Long(20)

Ref_Order_Status_Code
- (PK) order_status_code : Enum
- order_status_desc : Varchar(200)

Order
- (PK) order_id : Long(20)
- (FK) customer_id : Long(20)
- (FK) order_status_code : Enum
- date_order_placed : Date
- order_details : String(200)
- date_order_expect_delivery : Date
- date_order_delivery : Date
- order_address_id : Long(20)
- (FK) invoice_number : Long(20)

Invoice
- (PK) invoice_number : Long(20)
- (FK) order_id : Long(20)
- invoice_date : Date
- invoice_details : Varchar(200)

Shipment
- (FK) order_id : Long(20)
- (PK) shipment_tracking_number : Long(20)
- shipment_date : Date
- date_order_delivery : Date
- other_shipment_details : Varchar(200)

Order_Item
- (PK) order_item_id : Long(20)
- (FK) order_id : Long(20)
- (FK) product_id : Long(10)
- order_item_quantity : Int
- other_order_item_details : Varchar(200)
- order_item_price : Float

Payment
- (PK) payment_id : Long(20)
- (FK) invoice_number : Long(20)
- payment_date : Date
- payment_amount : Decimal(19,4)

Shipment_Items
- (PFK) shipment_id : Int(20)
- (PFK) order_item_id : Int(10)

Ref_Order_Item_Status_Codes
- (PK) order_item_status_code : Byte(2)
- order_item_status_desc : String(70)