

Users (username , email , first name , last name , password)

Usersphones(user , phone)

Usersphones.user references user

Usersaddresses(user , address)

Useraddresses.user references user

Customer (username , points)

Customers.username reference users

Customer_rate_product(username_customer , serial_number)

Customer_rate_product.username_customer references customer

Customer_rate_product.serial_number references product

Vendor (username , bank account no , company name , username_admin , state of activation)

Vendor.username references users

Vendor.username_vendor references admin

Delivery personal (username , username_admin , acceptance)

Delievery perrsonal.username references users

Admin (username)

Admin.username references users

CreditCard (number , Expirydate , cvc number)

Has_credit_card(credit_number,username_customer)

Has_credit_card.credit_number references credit card

Has_credit_card.username_customer references customer

Wishlist (username , name)

Wishlist.username references customer

WishListHasProducts(Username_customer,name,serial_no)

WishListHasProducts.Username_customer references wishlist

WishListHasProducts.name references wishlist

WishListHasProducts.serial_no references product

Product (serial number , name , category , description , price , availability , rate , image , color ,
username_vendor,today's_deal_number)

Product.username_vendor references vendor

Product.today's_deal_number references Today deal

Cart(SerialNumber,Username_customer)

Cart.SerialNumber references product

Cart.Username_customer references customer

Question(serial_number,question_number , question , answer, username_customer,username_vendor)

Question.serial_number references product

Question.username_customer references customer

Question.username_vendor references vendor

Delivery Type(Type , fees , time , username_admin)

Delivery Type.username_admin references admin

Order (number , status , fully/partially , type_of_payment , username_customer , remaining_time , time_frame ,
username_delivery , username_admin , delivery_type, creditcardNumber)

Order.username_customer references customer

Order.username_delivery references delivery personal

Order.username_admin references admin

Order.delivery_type references delivery Type

Order. creditcardNumber references creditcard

Where remaining time is derived (Date of order – time that the order's delivery type takes)

Promotion(number , expiry_date , discount_amount)

Offer(number)

Offer.number references promotion

Today's deal (number , username_admin)

Today's deal.number references promotion

Today's deal.username_admin references admin

Gift Card (number , expiry_date)

Gift card.number references promotion

Issued(number_of_giftcard ,username_admin , username_customer)

Issued.username_customer references customer

Issued.username_admin references admin

Issued.number_of_giftcard references gift card

Add_offer_to_product(number_of_offer, serial_number , username_vendor)

Add_offer_to_product.username_vendor references vendor

Add_offer_to_product.serial_number references product

Add_offer_to_product.number_of_offer references offer