

Project Schema

Customer (Username, Fname, Lname, Password, Email, Points)

CustomerMobNum (Username, Mobile_Number)

- CustomerMobNum.Username References Customer.Username

CustomerAddress (Username, Address)

- CustomerAddress.Username References Customer.Username

Vendor (Username, Fname, Lname, Password, Email, Acctivated CompanyName, BankAccountNumber, AdminActivates)

- Vendor.AdminActivates References Admin.Username

VendorMobNum (Username, Mobile_Number)

- VendorMobNum.Username References Vendor.Username

VendorAddress (Username, Address)

- VendorAddress.Username References Vendor.Username

Admin (UserName, Fname, Lname, Password, Email)

AdminMobNum (Username, Mobile_Number)

- AdminMobNum.Username References Admin.Username

AdminAddress (Username, Address)

- AdminAddress.Username References Admin.Username

DeliveryPersonel (UserName, Fname, Lname, Password, Email, AdminInvites)

- DeliveryPersonel.AdminInvites References Admin

DelveryMobNum (Username, Mobile_Number)

- DeliveryMobNum.Username References DeliveryPersonel.Username

DeliveryPersonelAddress (Username, Address)

- DeliveryPersonelAddress.Username References DeliveryPersonel.Username

Question (Number, QuestionText, AnswerText, CustomerUsername, VendorUsername, ProductNum)

- Question.CustomerUsername References Customer.Username
- Qusetion.VendorUsername References Vendor.Username
- Question.ProductNum References Product.SerialNum

CreditCard (Number, ExpiryDate, CVC)

CustomerUsesCreditCard (CustomerUserName, CreditCardNumber)

- CustomerUsesCreditCard.CustomerUserName References Customer.Username
- CustomerUsesCreditCard.CreditCardNumber References CreditCard.Number

Product (SerialNum, Description, Image, Name, Category, Price, Availability, Color, Rate, VendorProvided, OfferActivated, DealActivated, CustomerUserName)

- Product.VendorProvided References Vendor.Username
- Product.OfferActivated References Offer.Number
- Product.DealActivated References TodayDeal.Number
- Product.CustomerUserName References Customer.UserName

WishList (Name, CustomerUserName)

- WishList.CustomerUserName References Customer.Username

WishListContainsProducts (WishListName, CustomerUserName, ProductSerial)

- WishListContainsProducts.(WishListName, CustomerUserName) References WishList.(Name, CustomerUserName)
- WishListContainsProduct.ProductSerial References Product.SerialNum

AddToCart (CustomerUserName, ProductSerial)

- AddToCart.CustomerUserName References Customer.Username
- AddToCart.ProductSerial References Product.SerialNum

Order (Number, Payment method, Status, StartDate, DeliveryTimeLimit, PointsUsed, DeliveryType)

- Order.DeliveryType References DeliveryTypes.Type
- DeliveryTimeLimit is a derived attribute

DeliveryPersonelGetsAssignedToOrder (OrderNumber, DeliveryPersonelUserName, EstimatedDeliveryTime)

- DeliveryPersonelGetsAssignedToOrder.DeliveryPersonelUserName References DeliveryPersonel.UserName
- DeliveryPersonelGetsAssignedToOrder.OrderNumber References Order.Number

CustomerMakesOrder (CustomerUserName, OrderNumber, pointsUsed, RemainingDays)

- CustomerMakesOrder.CustomerUserName References Customer.Username
- CustomerMakesOrder.OrderNumber References Order.Number
- RemainingDays is a derived attribute

OrderContainsProducts (OrderNumber, ProductSerial, TotalCost)

- OrderContainsProducts. OrderNumber References Order.Number
- OrderContainsProducts.ProductSerial References Product.SerialNum
- TotalCost is a derived attribute

Delivery (Type, Duration, Fees)

Offer (Number, ExpiryDate, Discount, VendorIssued)

- Offer.VendorIssued References Vendor.UserName

TodaysDeal (Number, ExpiryDate, Discount, AdminUserName)

- TodaysDeal.AdminUserName References Admin.UserName

GiftCard (Number, ExpiryDate, Discount, Points , Code , AdminCreated)

- GiftCard.AdminCreated References Admin.UserName

GiftIssued (AdminUserName, CustomerUserName, GiftCardNumber)

- GiftIssued.AdminUserName References Admin.UserName
- GiftIssued.CustomerUserName References Customer.UserName
- GiftIssued.GiftCardNumber References GiftCard.Number