**Entities**

Customer(string:Email, string:Fname, string:LName, string:Password)

Basket(string:CEmail, int:BasketId, date: ShopDate)

Orders(int:POrderID, string:Status)

Employee(int:EId, string:EPassword, string:LastName, string:FirstName, Boolean:IsManager)

Item(int:IId, string:IName, string:Category, string:Description, float:IPrice, int:Quantity, float:PromoPrice)

ShipPrice(string:ShipMethod, float:ShipRate)

AddressBook(int: AddrIndex, string: CEmail, string:AddrLine1, string:AddrLine2, string:City, string:State, int:Zip, Boolean: IsVisible)

PaymentMethods(string:CEmail,int:CardNo,string:CHolderLastName,string:CHolderFirstName,date:CExpirDate, Boolean:IsVisible)

**Relations**

Purchase(string:CEmail, int:InvoiceNo, int:PurchaseRating, string:Review, date:PurchaseDate)

Ship(int:EId, int: OrderID, date:ShipDate)

Promote(int:EId, int:IId, float:PromoRate, string:PStartDate, string:PEndDate)

BasketContains(string:CEmail,int:BasketId, int:IId, int:BQuantity)

OrderContains(int: COrderID, int:IId, int:OQuantity)

BillingAddress(string:CEmail, int:CardNo, int: AddrIndex, Boolean: IsVisible)

ShippedTo(int:OderID, string:CEmail, int:AddrIndex)

PaidWith(string:CEmail,int:CardNo, int:OrderID)

ShippedBy(int:OderID,string:ShipMethod)