Person(ID, Fname, Lname, PrimaryAddr, PrimaryCard, email)

Employee(EmpID^1)

Customer(CustID^1)

Owner(OwnerID^1)

Inventory(InvID, Type)

Product(ProdID, Name, Price, Type, Genre)

ShoppingCart(CartID, CurrentCartPrice, CustID^3)

Order(Order #, ShippingAddr, BillingInfo, Date, Note, Status, EmpID^2)

Holds(ProdID^5, InvID^4, QuantityInStock)

InCart(CartID^6, ProdID^5, ProductQuantity, TotalProdPrice)

PlaceOrder(Order #^{7}, CartID^6, CustID^3, Tracking #, TotalPrice)

ProductOrder(Prod ID^5, Order #^{7}, QuantityOfProducts)

Foreign Keys:

EmpID^1 – Home Relation: Person

CustID^1 – Home Relation: Person

OwnerID^1 – Home Relation: Person

CustID^3 – Home Relation: Customer

EmpID^2 – Home Relation: Employee

ProdID^5 – Home Relation: Product

InvID^4 – Home Relation: Inventory

CartID^6 – Home Relation: ShoppingCart

Order #^{7} – Home Relation: Order