CS425 - ER Model to Schema Translation.

Group #2

Strong Entities

Customer(<u>CustomerID</u>, CustomerName)
CreditCard(<u>CardNum</u>, CardIssuer, BillingAddress)
OrderR(<u>OrderID</u>, prodName, productQty, orderStatus, issueDate, CardNum)
Product(<u>prodName</u>, Category, Size)
Warehouse(<u>WarehouseID</u>, Address, StorageCapacity)
Suppliers(<u>SupplierID</u>, SupplierName, Address)
Staff(<u>StaffID</u>, StaffName, Address, Salary, JobTitle)

Weak Entities

ProductInfo(<u>prodName, AdditionalInfo</u>)

Multivalued Variables

CustomerAddress(<u>CustomerID, delivery, permanent</u>) - - removed Address term from deliveryAdress and PermanentAddress.

Relations

holds(CustomerID, <u>CardNum</u>)
placeOrder(<u>CustomerID, OrderID</u>)
addToCart(<u>OrderID, prodName</u>, statePrice)
stock(<u>WarehouseID, prodName</u>, Quantity)
modify(<u>prodName, StaffID</u>)
sells(<u>prodName, SupplierID</u>, supplierPrice)