



CS 443

LAB 2

Malialosa Taupule

February 9, 2017



Questions:

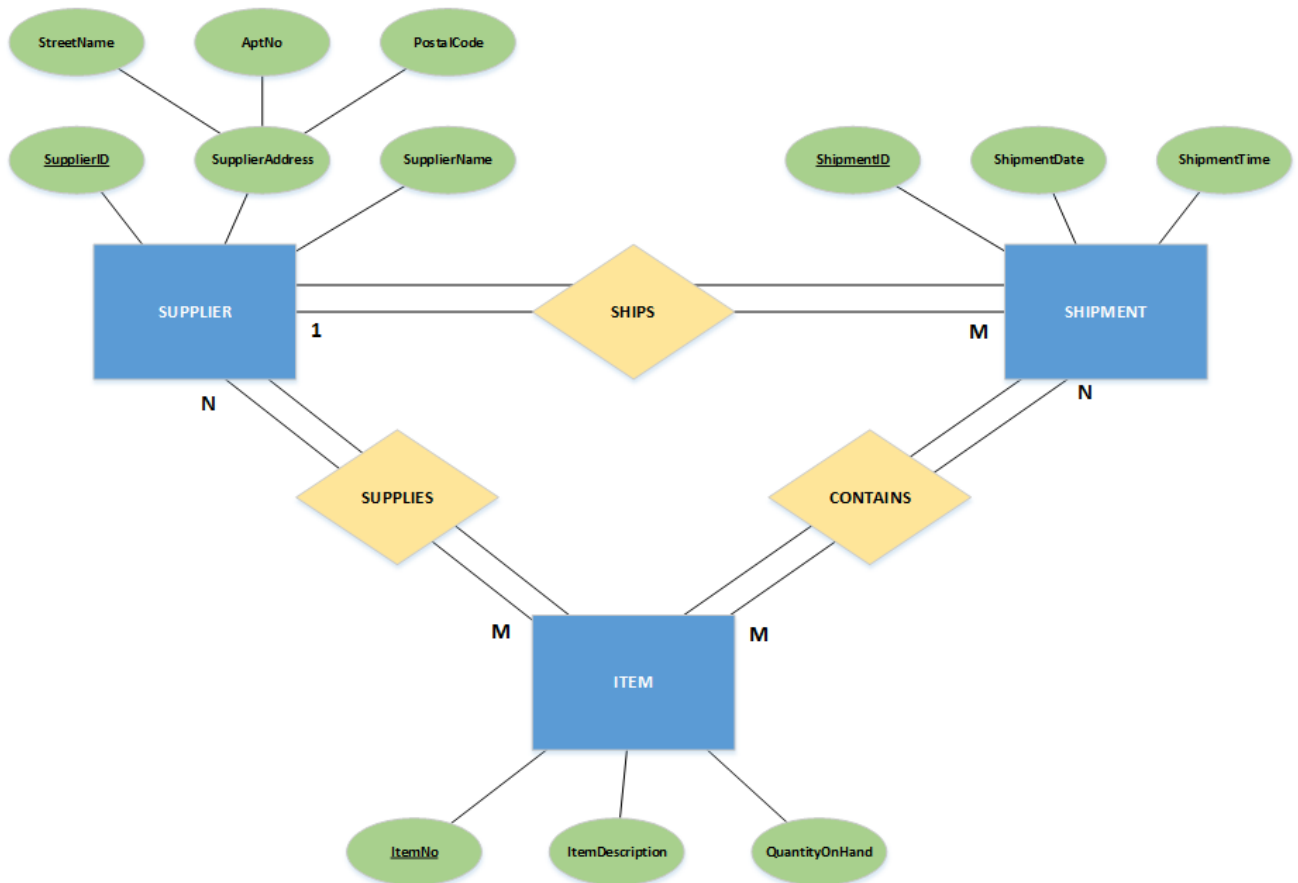
1.) Consider the following information:

Supplier: SupplierID, SupplierName, SupplierAddress (consists of StreetName, AptNo, PostalCode)
Shipment: ShipmentID, ShipmentDate, ShipmentTime
Item: ItemNo, ItemDescription, QuantityOnHand

One supplier can send many shipments; however, a particular shipment is only sent by one supplier. One item can be in many shipments and a shipment can include many items. A supplier can supply many items and a particular item can also be supplied by many suppliers.

- Create your ERD.
- Create associated tables.

a.)



b.)

Table 1: SUPPLIER(SupplierID, StreetName, AptNo, PostalCode, SupplierName)
Table 2: SHIPMENT(ShipmentID, ShipmentDate, ShipmentTime, SupplierID*)
Table 3: ITEM(ItemNo, ItemDescription, QuantityOnHand)
Table 4: CONTAINS(ShipmentID*, ItemNo*)
Table 5: SUPPLIES(SupplierID*, ItemNo*)

KEY:

Attribute* = Foreign Key
Attribute = Primary Key

2.) Provide the tables for the given ERD.

Table 1:	DEPARTMENT(<u>D-ID</u> , D-Name, D-Loc)
Table 2:	STUDENT(<u>St-ID</u> , S-Name, S-Age, S-Email)
Table 3:	FACULTY(<u>F-ID</u> , F-Name, F-Major, F-Office, D-ID*)
Table 4:	COURSE(<u>C-CRN</u> , C-Name, C-Des, F-ID*)
Table 5:	MAJOR(<u>M-Name</u> , D-ID*)
Table 6:	DEPENDANT(<u>Name</u> , F-ID*, Gender, Age)
Table 7:	TAKES(<u>St-ID*</u> , <u>C-CRN*</u>)

KEY:

Attribute* = Foreign Key

Attribute = Primary Key