96

S.NO: 127

CSCE 5350 SECTION 002

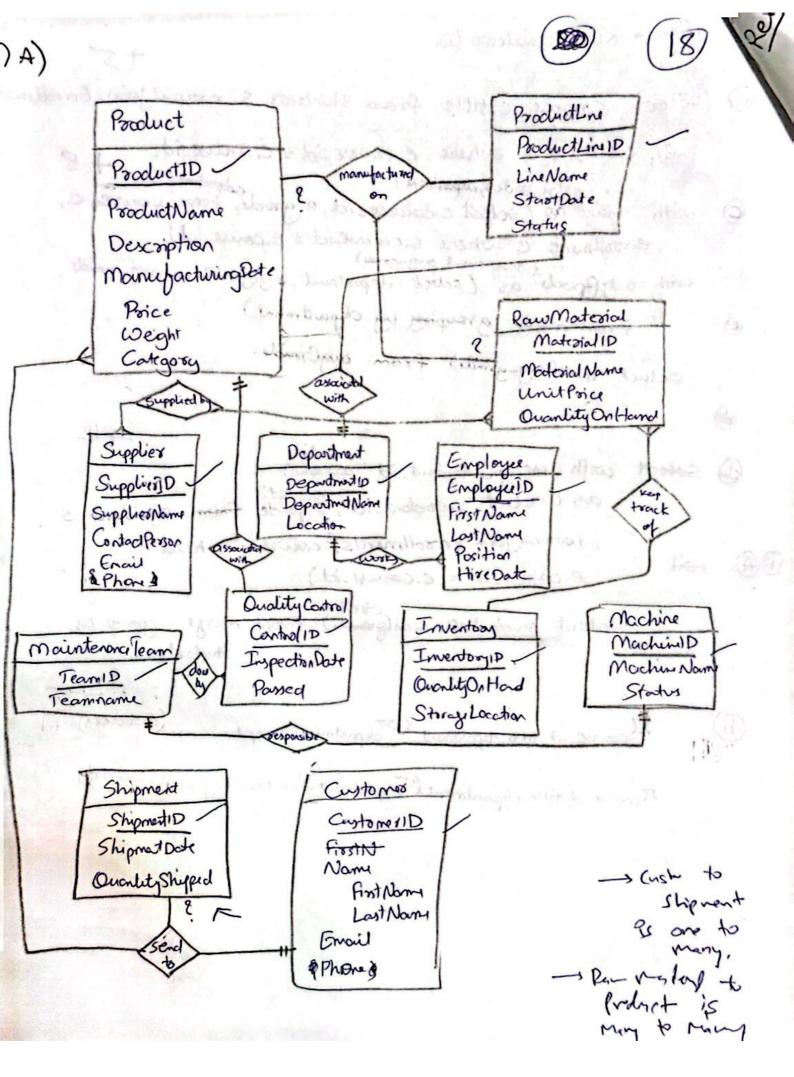
MID TERM 01

NAME: KISHAN KUMAR ZALAVADIA

**GRADER NAME: VASHISHTA REDDY** 

**MUTHIREDDY** 

## Scanned with CamScanner



Scanned with CamScanner

Lishan Kumar Zalovadia Relational model Product: Peroduct ID, Product Name, Descrition, Manufacturing Pate, Price, Weight, Category, Department D, Shipment D) Production: Production Line ID, Line Name, Start Date, Status, Department ID Raw Material: Material ID, Material Name, UnilPrice, Quality On Hand, Inventory LD Supplier: Supplier ID, Supplier Name, ContadPerson, Email, Phono Department: Department ID, Department Name, Location Employee: Employee ID, First Name, Last Name, Position, HireDate, Department I MainteranciTeam: TeamID, TeamNorm, Machine 1D Quality Control: ControlID, InspectionDate, Passed, MTeamID Inventory: Inventory 1D, Quantity On Hand, Storage Location Machine: Machine ID, Machine Norme, Startus. Shipment: Shipment Date, Quantity Shipped Customer: Customer 1D, first name, Last name, Email, Phon manufacted On: Product ID, Product Line ID, Material ID Supplied By: Material ID, Supplier ID send to: Product ID, ShipportiD, Customa ID

## Scanned with CamScanner

(c) Phone from Supplier There are no multivalued attributes. Phone in Supplier & Gustomer could be multivalued but since it is not given in question we we assume it is not. We can Normalize Sent to' table as follows. Product : (Product ID, Product Name, Description, Manufacturing Pate, Poice, Weight, Category, shipmentID) Shipment: (Shipment D. Shipment Dode, Quantity Shipped, customo ED) Customer: (CustomeriD, First name, lost name, email, phone )) Sand to ( shipment 1D, customer 1D)

Because ShipmentID depends on Customer ID.

Select \* from froduct where shipmentID = 10 +0 from product P, stipments where p. productiD

shipment ID, Shipment Date, Quanlity Shipped, G. Custo mer ID, Firstname, Lastname, email, phone

from Shipment S natural join customer c where S. customerID = C. customerID.

(Or) select of from Shipment natural join customer.

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