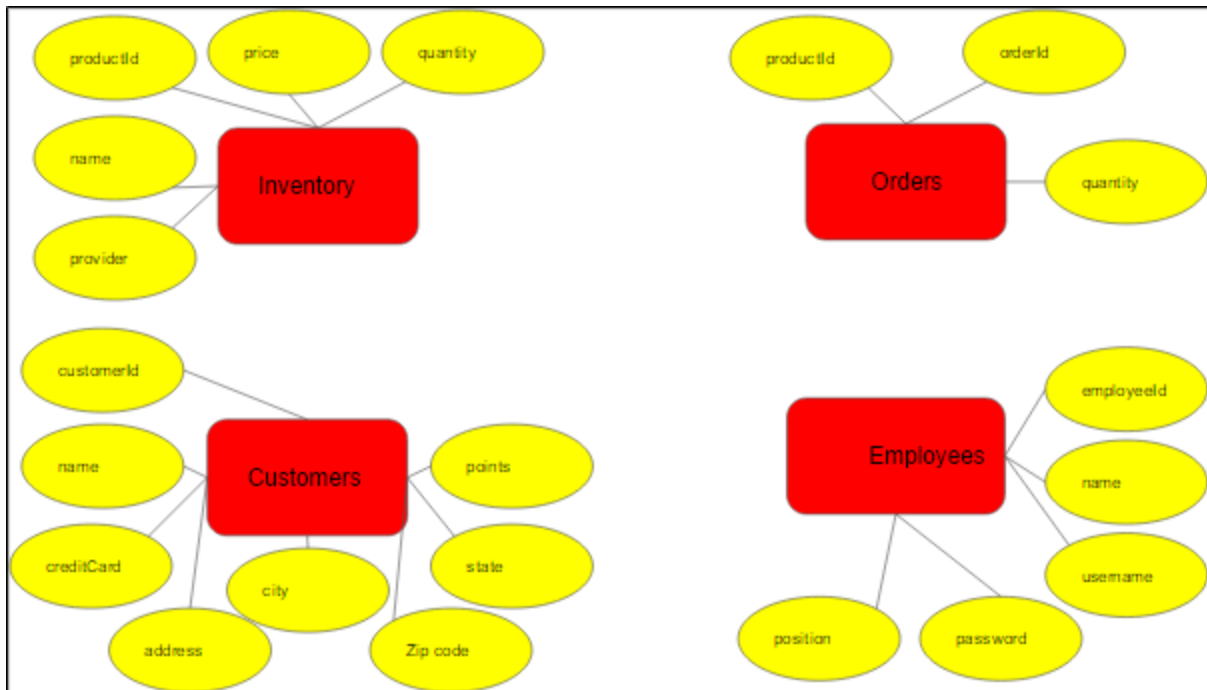


Database Design, Iteration 2

1. Entity-Relationship Diagram



2. Logical Design

Product:

ItemId	Name	Price	Quantity	Provider
1001	Apple	\$1.00	20	BenFred
1002	Pizza	\$6.00	10	BenFred
1003	TV	\$500.00	3	BenFred
1004	Crackers	\$2.00	500	Cisco
1005	Gum	\$0.50	50	Cisco

Order:

OrderId	ItemId	ItemQuantity
2001	1001	5
2001	1002	2
2002	1002	2

Customer:

CustomerId	Name	Credit Card	Address	City	State	Zip Code	Points
3001	Joe Loveless	null	null	Logan	UT	84321	50
3002	Luke Martin	1234252112	null	Logan	UT	84123	27

Employees:

EmployeeId	Name	Image	Username	Password	Position
4001	Mr. Boss	null	manager	12345	Manager
4002	Sam	null	samc	xD	Cashier
4003	Brand	null	brand	321	Customer Support

3. Physical Design

Inventory:

create table if not exists inventory (itemId integer, name string, price double, quantity integer, provider string)

Orders:

create table if not exists orders (orderId integer, itemId integer, quantity integer)

Customers:

create table if not exists customers (customerId integer, name string, creditCard string, address string, city string, state string, zipcode string, country string, points string)

Employees:

create table if not exists employees (employeeId integer, name string, image blob, username string, password string, position string)