ASSIGNMENT

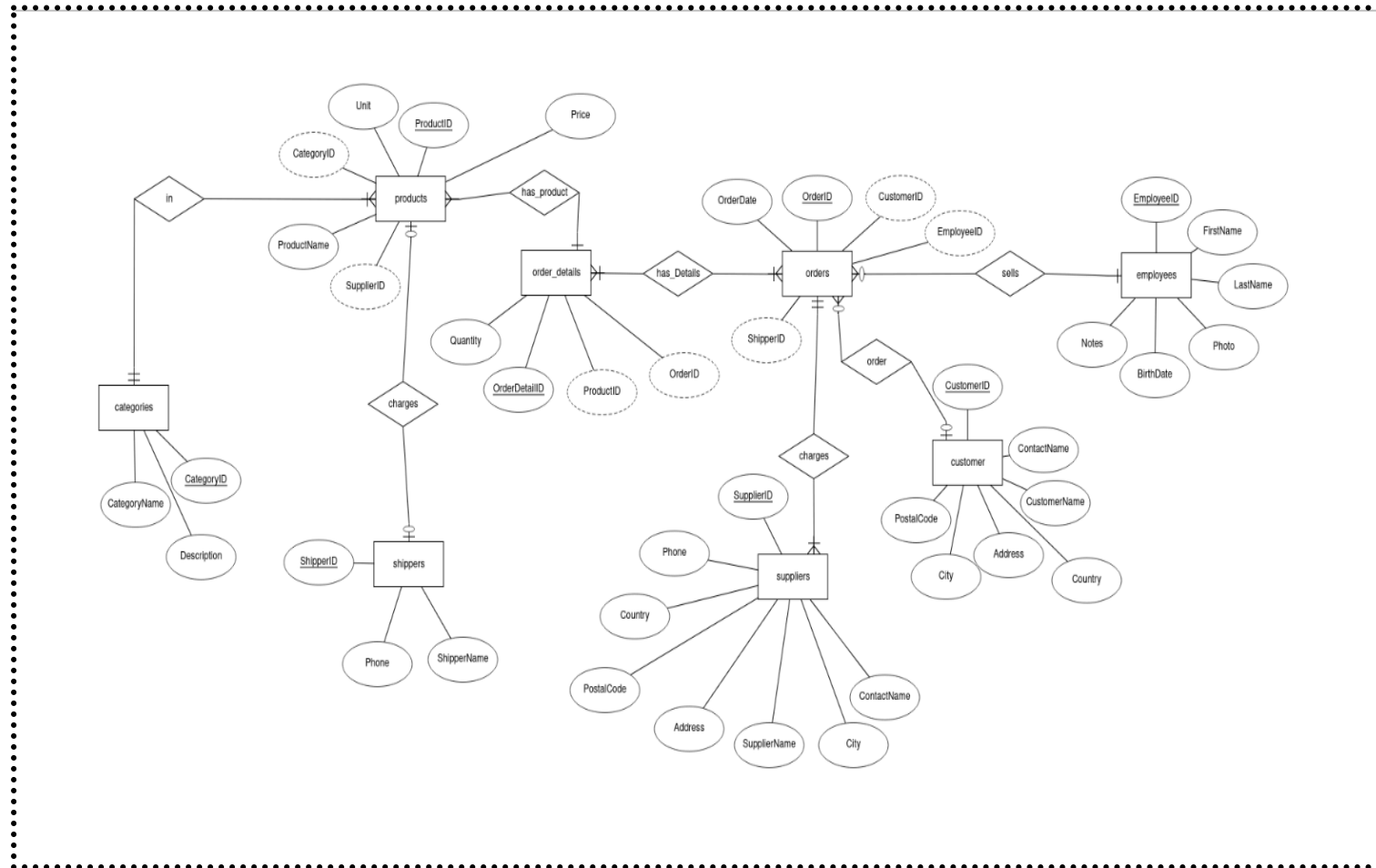| STUDENT NAME	SUBJECT	ASSIGNMENT TITLE
Mahmoud Ezzat	Data Engineering	Data Modeling & SQL

Notes:

With Following ERD:

1- Find the Top of 10 Employees Who Sold the most Number of orders, and order Them in Descending order showing the highest first ...

2- Find the Top of 10 Employees Who Sold highest quantity of Sales, in "Beverages" Category and Order Them in Descending order showing the highest first ...

Task I (ERD):

Q)

Task II:

```sql
select

emp.FirstName as Employee_FirstName,

emp.LastName as Employee_LastName,

-- concat(emp.firstname," ",emp.lastname) as name,

count(ord.employeeid) as Number_of_Orders

from w3schools.employees as emp

inner join w3schools.orders ord on ord.employeeid = emp.employeeid

group by emp.employeeid

order by Number_of_orders desc

limit 10;
```

Task III:

Q)

```
select emp.firstname as Employee_FirstName, emp.lastname as Employee_LastName,
case when sum(odd.quantity) is NULL then 0
else sum(odd.Quantity) end as Sold_Most_Beverages
from w3schools.employees as emp
left outer join w3schools.orders as ord on emp.EmployeeID = ord.EmployeeID
left outer join w3schools.order_details as odd on odd.OrderID = ord.OrderID
inner join w3schools.products as prd on odd.productid = prd.ProductID
where prd.CategoryID = (select cat.CategoryID from w3schools.categories as cat where cat.CategoryName = "beverages")
group by emp.employeeid
order by sold_most_beverages desc
limit 10;
```