**MIDTERM PROGRESS PROJECT REPORT DATABASE 2**

Group P *(3-4-2019)*

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1. **Resulting Relational Schema**

**Customer=**(customer ID, customer Name , address , phone)

**Admin=**(Name)

**Oder=**(product\_ID ,time, quaitity)

**Product=**(product\_ID , productName,productprice,quaitity)

**-**From Product.product\_ID to Oder.product\_ID

**-**From Product. quaitity to Oder. quaitity

**Comment=**(ucid,product\_ID,content,date,time)

**-**From Comment.product\_ID to Oder.product\_ID

**-**From Comment.time to Oder. time

**Shoppingcart=(**product\_ID**,**quaitity)

**-**From Shoppingcart.product\_ID to Oder.product\_ID

**-**From Shoppingcart.quaitity to Oder.quaitity

**Category=(**product\_ID**)**

**-**From Category.product\_ID to Oder.product\_ID

1. **Comment**

We decided to choose ERD design choices because ERD has many advantages:

-Conceptually it is very simple

-Better visual representation

-Effective communication tool

-Highly integrated with relational mode

-Easy conversion to any data model

Some disadvantages that may arise from ERD in the futures:

-Limited constraints and specification

Loss of information content

-Limited relationship representation

-No representation of data manipulation

-No industry standard for notation