**Part 2: Data Entities, Attributes, and Files**

1. List 5 entities and provide a short description of each to identify what they are. For example:  
  
 **Product** - **product\_id** it’s for uniquely identify the product , **product\_name** it’s for known about the product name, **quantity** how much product are given, **price** how much price is pay for the product

**Product\_order** - **order\_id**  product orderid for which product are you order **customer\_name** who get order the product, **product\_name**  which product are ordered the customer **delivery\_date**  delivery date of the product

Supplier **-** **supplier\_id** supplier id for the details of the supplier **supplier\_name**  supplier name who supply the product **product\_id** product id which product are supply the supplier **customer\_name**  customer name for whom to supply the product

**customer-** **customer\_id** customer id to see who ordered the product **customer\_name**  the name of the customer who get placed a order, **product\_name**  product name to see which product are ordered for placed **delivery\_date**  delivery date of the product which get paid

**payment-** **payment\_id** payment id for know the payments details of the customer **total\_cost** to get the total product cost, **total\_pay\_amount** total amount for pay to get the product **method\_of\_pay** how to pay to buy the product

**Your descriptions must be more business-specific.**

2. Create 5 simple tables describing your entities, their attributes, and the data type of each attribute. For example:

| Product |  |
| --- | --- |
| product\_id | varchar(60) |
| product\_name | varchar(60) |
| quantity | varchar(50) |
| price | int |

| product\_order |  |
| --- | --- |
| order\_id | varchar(30) |
| customer\_name | varchar(60) |
| product\_name | varchar(40) |
| delivery\_date | date |

| supplier |  |
| --- | --- |
| supplier\_id | varchar(100) |
| supplier\_name | varchar(90) |
| product\_id | varchar(74) |
| customer\_name | varchar(98) |

| customer |  |
| --- | --- |
| customer\_id | varchar(50) |
| customer\_name | varchar(60) |
| product\_name | varchar(40) |
| delivery\_date | date |

| payment |  |
| --- | --- |
| payment\_id | varchar(80) |
| total\_cost | int |
| total\_pay\_amount | int |
| method\_of\_pay | varchar(100) |