**Assignment No. 05**

**Q.1. For your project draw DFD diagram.**

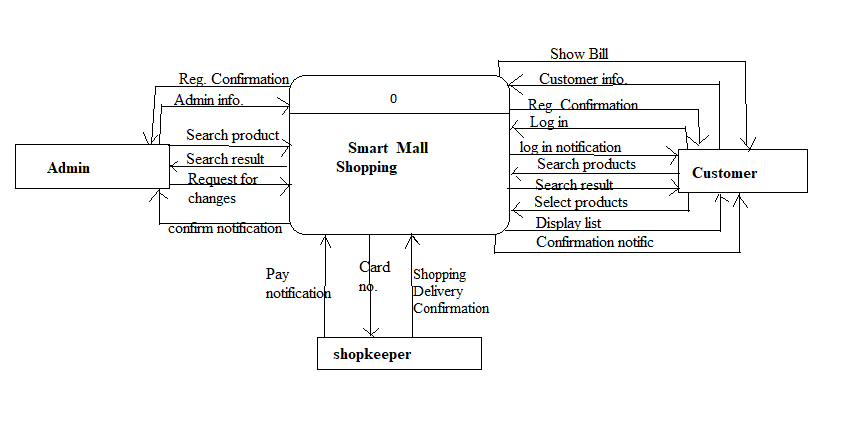
**1) Level 0 DFD**

**2)Level 1 DFD**

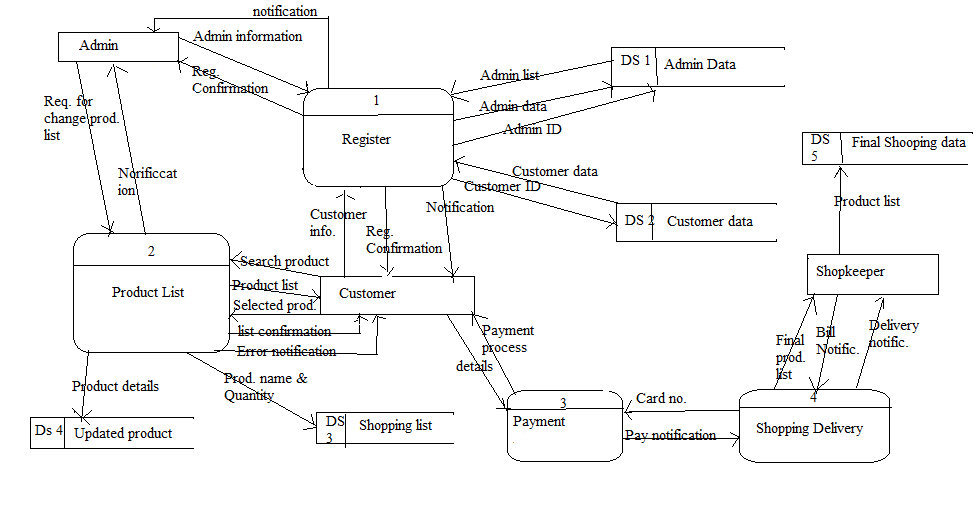
**3) Level 2 DFD (if required)**

**Ans.**

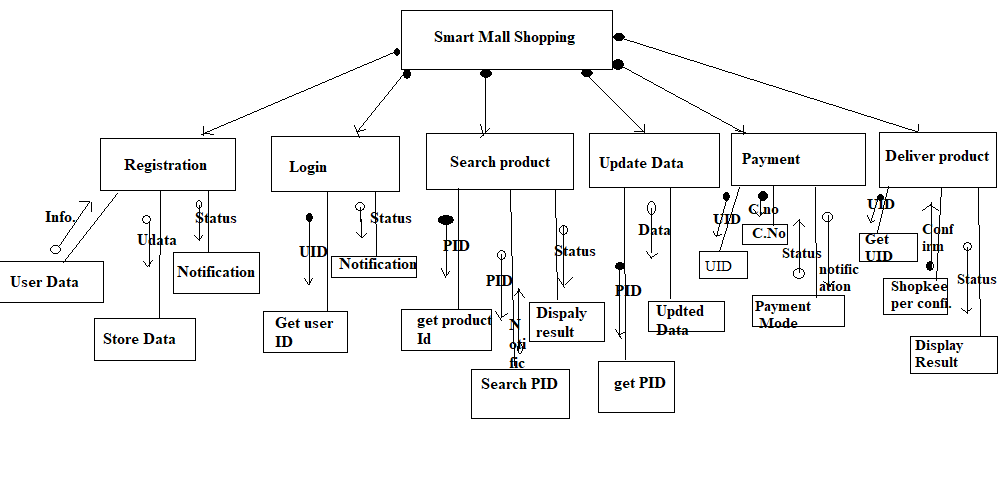
1. **Context Level DFD (Level 0 DFD):**

****

1. **Level 1 DFD:**

****

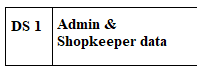
**Q.2. Transform the above DFD into structural chart.**

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**Q.3.Identify all data stores from DFD**

**1) write data dictionary:**

**1.**

****

**Attribute and datatypes:**

1. AID- char (20)
2. SID- char (20)
3. Same- char (20)
4. S\_Conatct- char (100)
5. AName- char (100)
6. ADOB- date
7. Jdate- date
8. AAddress- Char (150)
9. AContact No. – int

**2.**



Attributes and datatype:

1. CID- char (20)
2. CName- Char (100)
3. CAddress- Char (150)
4. CcontantNo. – int

**3.**



Attributes and datatypes:

1. PID- Char (20)
2. Pname- Char (100)
3. Quantity- int

**4.**



Attributes and datatypes:

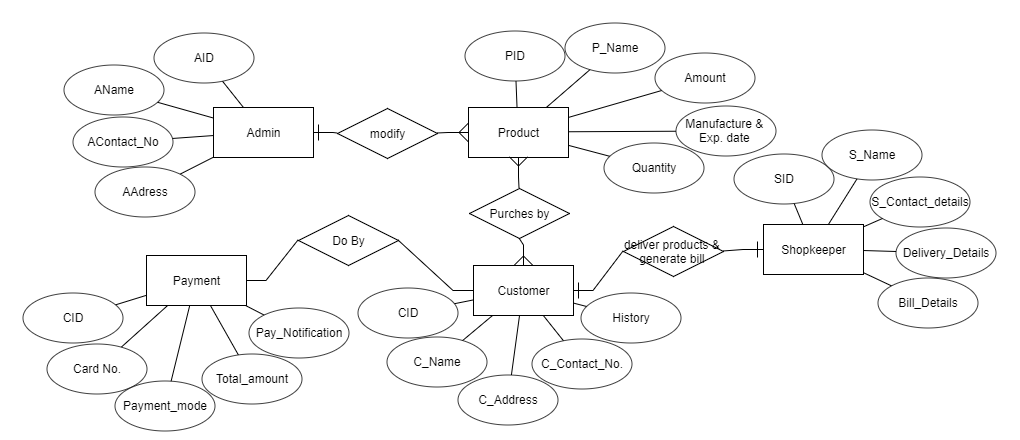
1. PID- char (20)
2. Pname – Char (100)

**5.**



Attributes and datatypes:

1. PID- Char (20)
2. Pname- (100)
3. Total\_amount- int
4. Payment\_mode- char (20)
5. Payment\_notification- char (1)
6. **Draw ER diagram:**



1. **Translate Model to physical Schema.**
2. **Create table query:**

**Admin:**

Create table Admin

(

AID int Not Null,

Aname char (20),

A\_Conatct\_no. int,

A\_Address char (100)

)

**Shoppkeeper:**

Create table shopkeeper

(

SID int Not Null,

S\_Name char (20),

S\_Conatct\_no int,

S\_Address char (100)

)

**Customer:**

Create table customer

(

CID int Not Null,

C\_Name char (20),

C\_Conatct\_no int,

C\_Address char (100)

)

**Products:**

Create table products

(

PID int Not null,

Pname char (50),

P\_Amount int,

P\_Manf\_date date,

P\_Exp\_date date,

P\_Qunatity int

)

1. **Select query:**

**Admin:**

Select \* from admin where (AID=1)

**Customer:**

Select \* from customer where (CID=1)

**Product:**

Select \* from product where (PID=1)

1. **Delete query:**

**Admin:**

Delete \* from admin where(Aname=’ABC’)

**Customer:**

Delete \* from product where(Pname=’XYZ’)

1. **Update query:**

**Customer:**

UPDATE Customer

SET C\_Conantact=5323268315

Where CID=90;

**Product:**

UPDATE product  
SET P\_Quantity = 20  
WHERE PID=5;