1. **Requirement Gathering**

Online Cosmetic

2. **Analysis & SRS**

**Step: 1 Define module/user/actor**

Guest                  => Website

Customer => Website

Admin                => Admin panel

**Step: 2 Define each module Task**

**Guest**

View category

View Product

View Blog

Contact us

**Customer**

View category

View Product

View Blog

Contact us

Register

Login

Manage profile

Add to cart

Manage Cart

Place order

Manage Order

Logout

**Admin:**

Login

Manage category

Mange Product

Manage Blog

View Contact Reports

Manage Customer Reports

View Cart Reports

View Order Reports

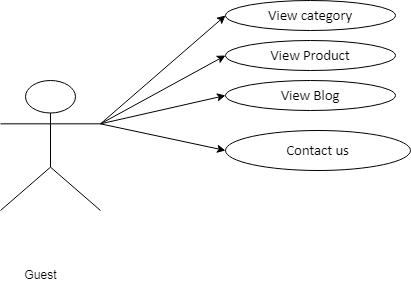
Logout

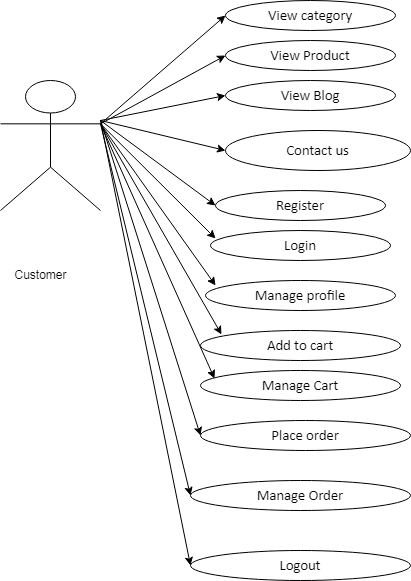
**Step  3: As per task define all diagram**

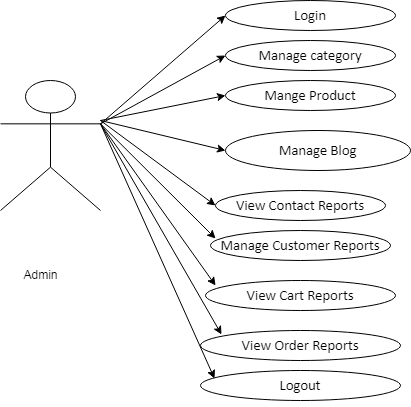
**Use Case diagram**

Step 3 Diagrams

1 use case diagram







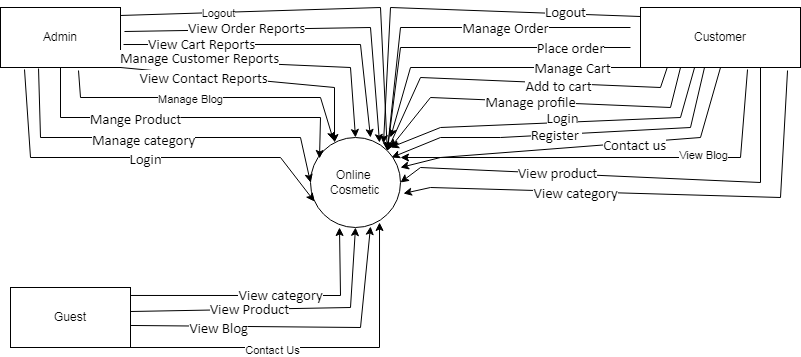
2 DFD Data flow diagram

0 level

1 level

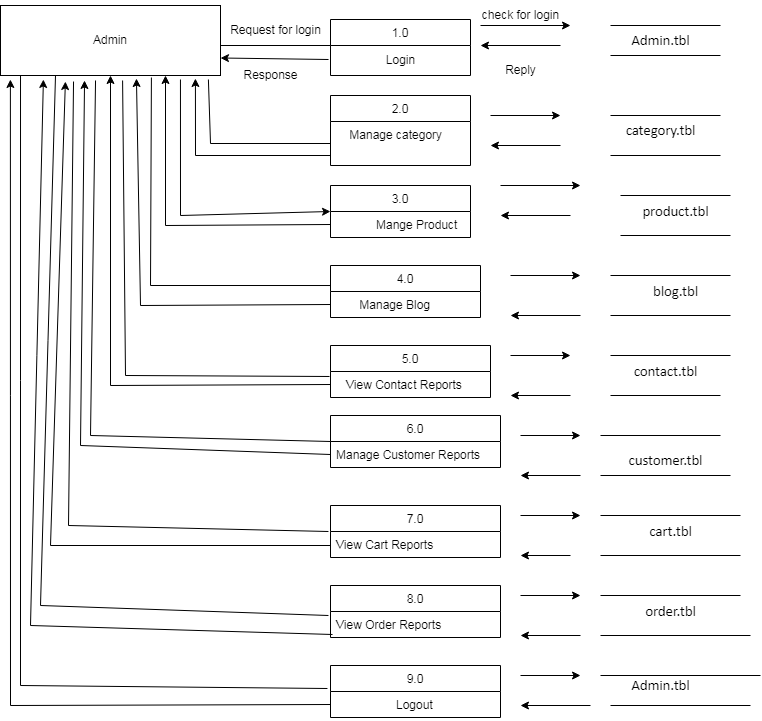
2 level

0 level / context level

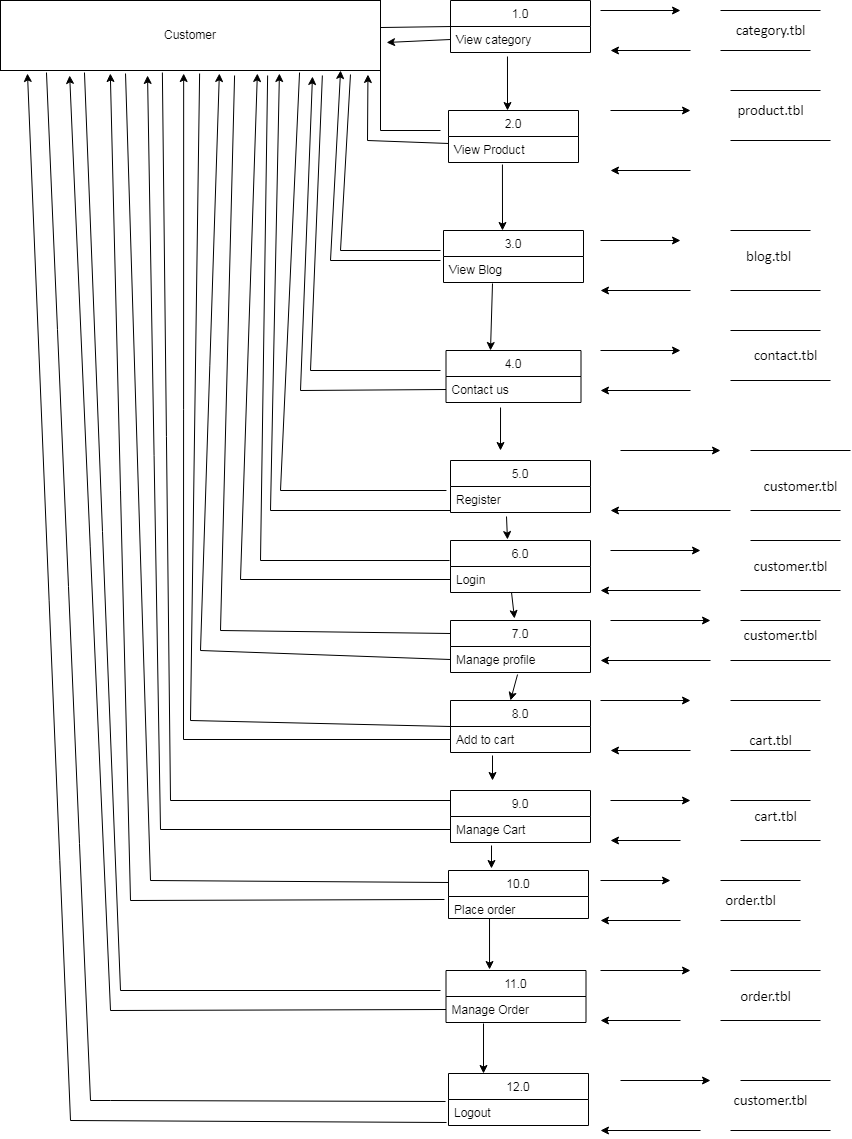


**Level 1**

**Admin Dfd**

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Customer Dfd



Step 4: Find Total Number of table

categories.tbl

product.tbl

contact.tbl

customer.tbl

cart.tbl

order.tbl

blog.tbl

Admin.tbl

**Step: 5  Define each table column**

categories.tbl

**Categorie\_id  int PK**

Cate\_name

Cate\_img

**Created\_dt**

**Updated\_dt**

**Product.tbl**

**Product\_id  int PK**

Categorie\_id  int FK

Prod\_name

Prod\_mainprice

Prod\_discprice

Prod\_img

Prod\_desc

**Created\_dt**

**Updated\_dt**

**contact.tbl**

**Contact\_id PK**

Name

Email

Comment

**Created\_dt**

**Updated\_dt**

**customer.tbl**

**Cust\_id PK**

Name

Username

Password

Email

Mobile

Address

**Created\_dt**

**Updated\_dt**

**Cart.tbl**

**Cart\_id PK**

Product\_id  int FK

Qty

**Created\_dt**

**Updated\_dt**

Order.tbl

**Order\_id PK**

Cust\_id FK

Cart\_id FK

Total Amount

**Created\_dt**

**Updated\_dt**

Admin.tbl

**Admin\_id   PK**

Username

Password

**Created\_dt**

**Updated\_dt**

**AS ABOVE COLUMN CREATE DATA DICTIONARY**

Categorie.tbl

| Field Name | Data Type | Field Length | Constraint | Description |
| --- | --- | --- | --- | --- |
| Categorie\_id | int | 11 | primary key | categorie id , auto generated |
| Cate\_name | varchar | 256 | not null | name of categorie table |
| Cate\_img | varchar | 256 | not null | image of categorie table |
| Created\_dt | date |  | not null | create date of categorie table |
| Updated\_dt | date |  | not null | updated date of categorie table |

Product.tbl

| Field Name | Data Type | Field Length | Constraint | Description |
| --- | --- | --- | --- | --- |
| Product\_id | int | 11 | primary key | product id , auto generated |
| Categorie\_id | int | 11 | Foreign Key | categorie id , foreign key use |
| Prod\_name | varchar | 256 | not null | name of product name table |
| Prod\_mainprice | int | 11 | not null | main price of product table |
| Prod\_discprice | int | 11 | not null | discount of  product price table |
| Prod\_img | varchar | 256 | not null | image  of product table |
| Prod\_desc | varchar | 256 | not null | description  of product table |
| Created\_dt | date |  | not null | created date of product table |
| Updated\_dt | date |  | not null | updated date of product table |

Contact.tbl

| Field Name | Data Type | Field Length | Constraint | Description |
| --- | --- | --- | --- | --- |
| Contact\_id | int | 11 | primary key | contact id , auto generated |
| Name | varchar | 256 | not null | name of contact name |
| Email | varchar | 256 | not null | email of contact table |
| Comment | varchar | 256 | not null | comment of contact table |
| Created\_dt | date |  | not null | created date of contact table |
| Updated\_dt | date |  | not null | updated date of contact table |

Customer.tbl

| Field Name | Data Type | Field Length | Constraint | Description |
| --- | --- | --- | --- | --- |
| Cust\_id | int | 11 | primary key | customer id , auto generated |
| Name | varchar | 256 | not null | name of customer name |
| Username | varchar | 256 | not null | user name of customer table |
| Password | varchar | 256 | not null | password of customer table |
| Email | varchar | 256 | not null | email of customer table |
| mobile | varchar | 256 | not null | mobile of customer table |
| Address | varchar | 256 | not null | Address of customer table |
| Created\_dt | date |  | not null | created date of customer table |
| Updated\_dt | date |  | not null | updated date of customer table |

Cart.tbl

| Field Name | Data Type | Field Length | Constraint | Description |
| --- | --- | --- | --- | --- |
| Cart\_id | int | 11 | primary key | cart id , auto generated |
| Product\_id | int | 11 | foreign key | product id , foreign key use |
| qty | int | 11 | not null | qty of cart table |
| Created\_dt | date |  | not null | created date of cart table |
| Updated\_dt | date |  | not null | updated date of cart table |

Order.tbl

| Field Name | Data Type | Field Length | Constraint | Description |
| --- | --- | --- | --- | --- |
| Order\_id | int | 11 | primary key | order id , auto generated |
| Cust\_id | int | 11 | foreign key | cust id , foreign key use |
| Cart\_id | int | 11 | foreign key | cart id , foreign key use |
| Total Amount | int | 11 | not null | total amount of order table |
| Created\_dt | date |  | not null | created date of order table |
| Updated\_dt | date |  | not null | updated date of order table |

Blog.tbl

| Field Name | Data Type | Field Length | Constraint | Description |
| --- | --- | --- | --- | --- |
| Blog\_id | int | 11 | primary key | order id , auto generated |
| Title | varchar | 256 | not null | title of blog table |
| Img | varchar | 256 | not null | image of blog table |
| DESCRIPTION | varchar | 256 | not null | description of blog table |
| Created\_dt | date |  | not null | created date of blog table |
| Updated\_dt | date |  | not null | updated date of blog table |

Admin.tbl

| Field Name | Data Type | Field Length | Constraint | Description |
| --- | --- | --- | --- | --- |
| Admin\_id | int | 11 | primary key | admin id , auto generated |
| Username | varchar | 256 | not null | user name od admin table |
| password | varchar | 256 | not null | password of admin table |
| Created\_dt | date |  | not null | created date of blog table |
| Updated\_dt | date |  | not null | updated date of blog table |