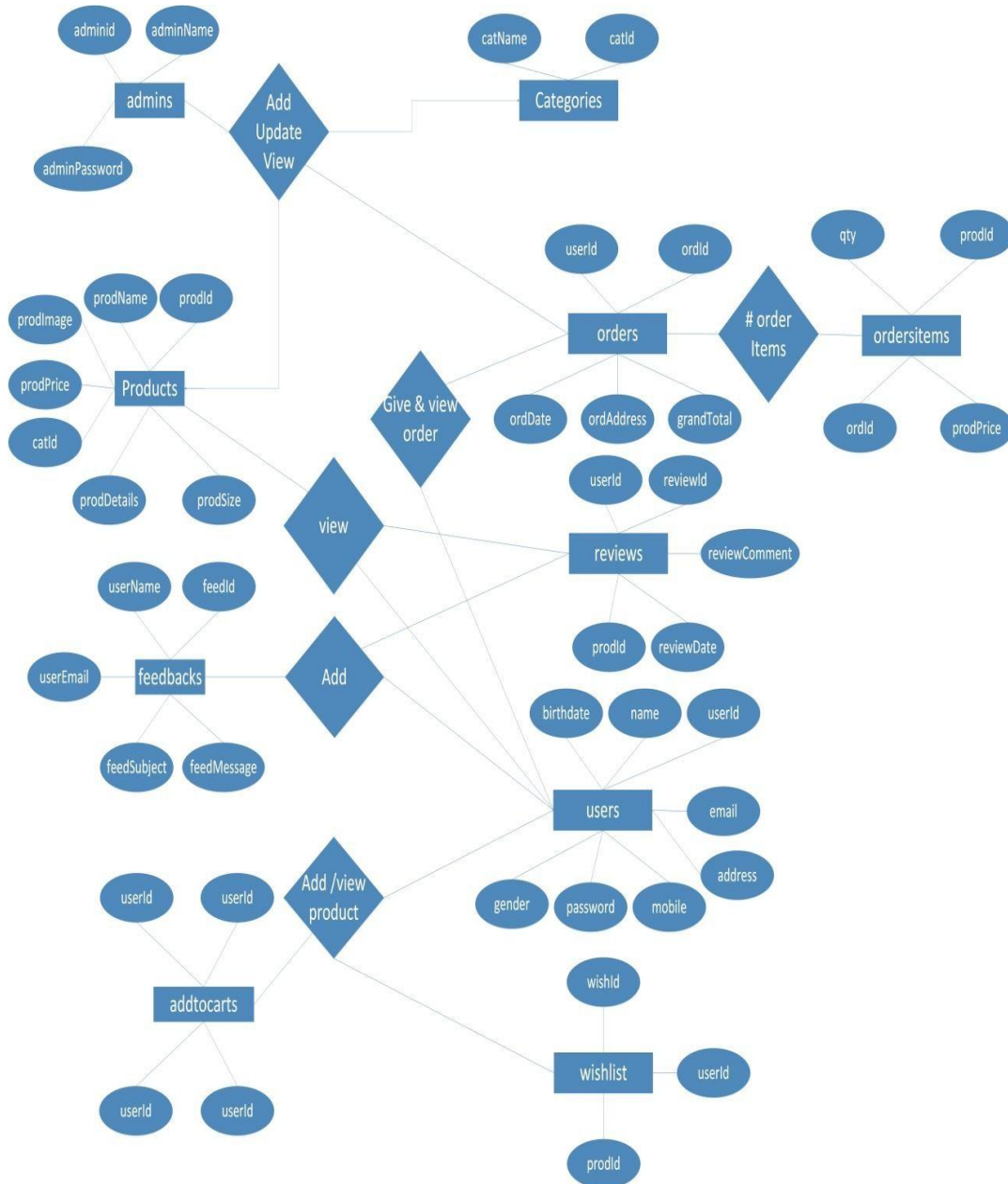


# SYSTEM DESIGN

## 2.1 SYSTEM ARCHITECTURE DESIGN:

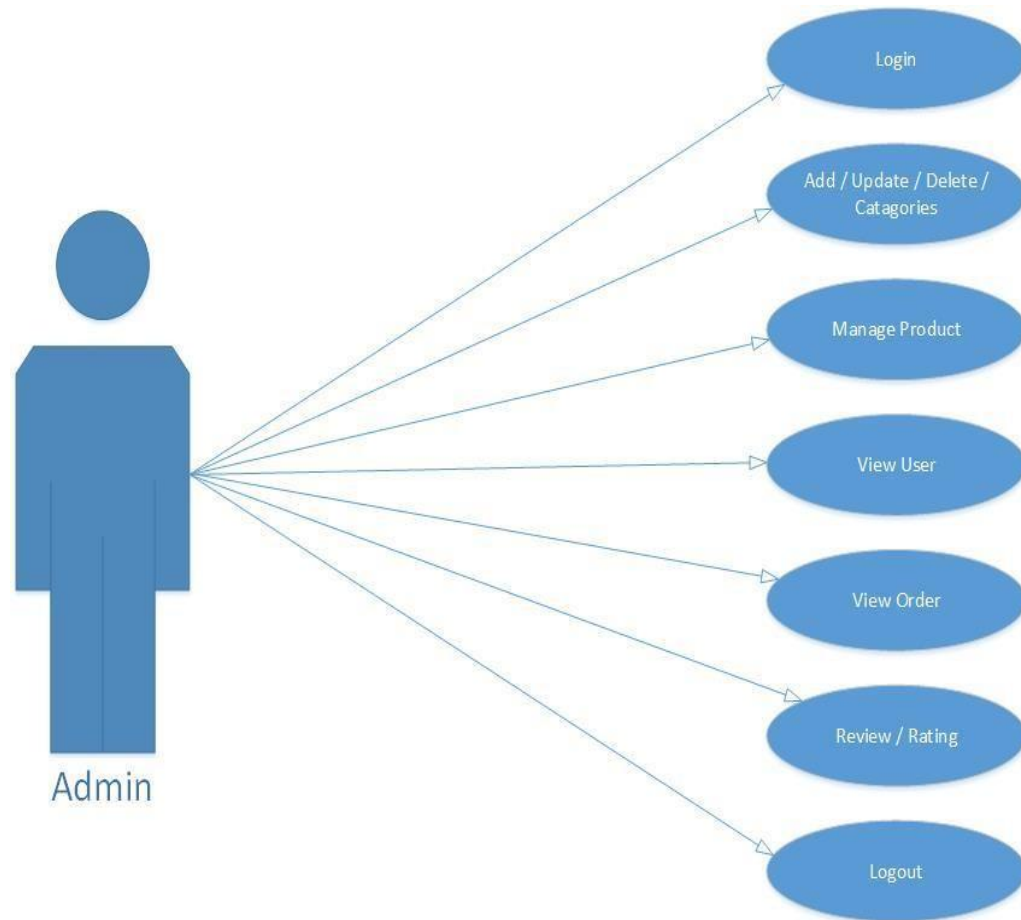
### 2.1.1 ER Diagram :



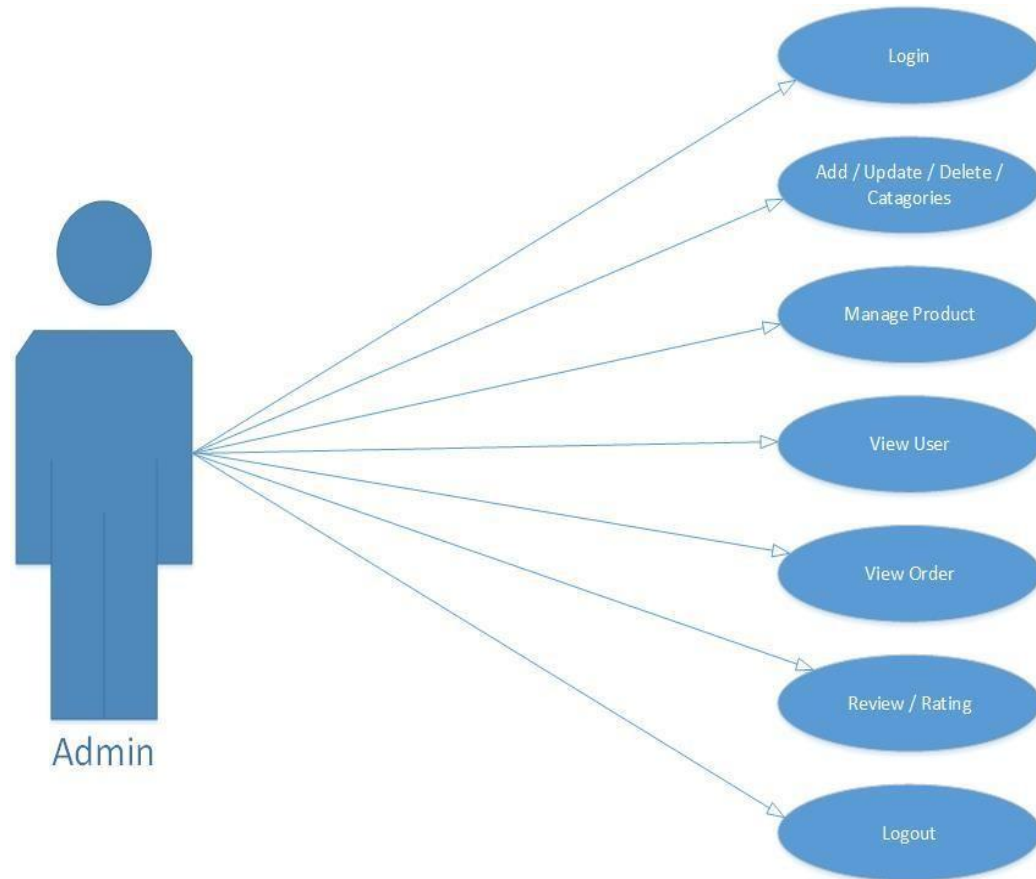
*Figure 2.1: ER Diagram*

### 2.1.2 Use case Diagram :

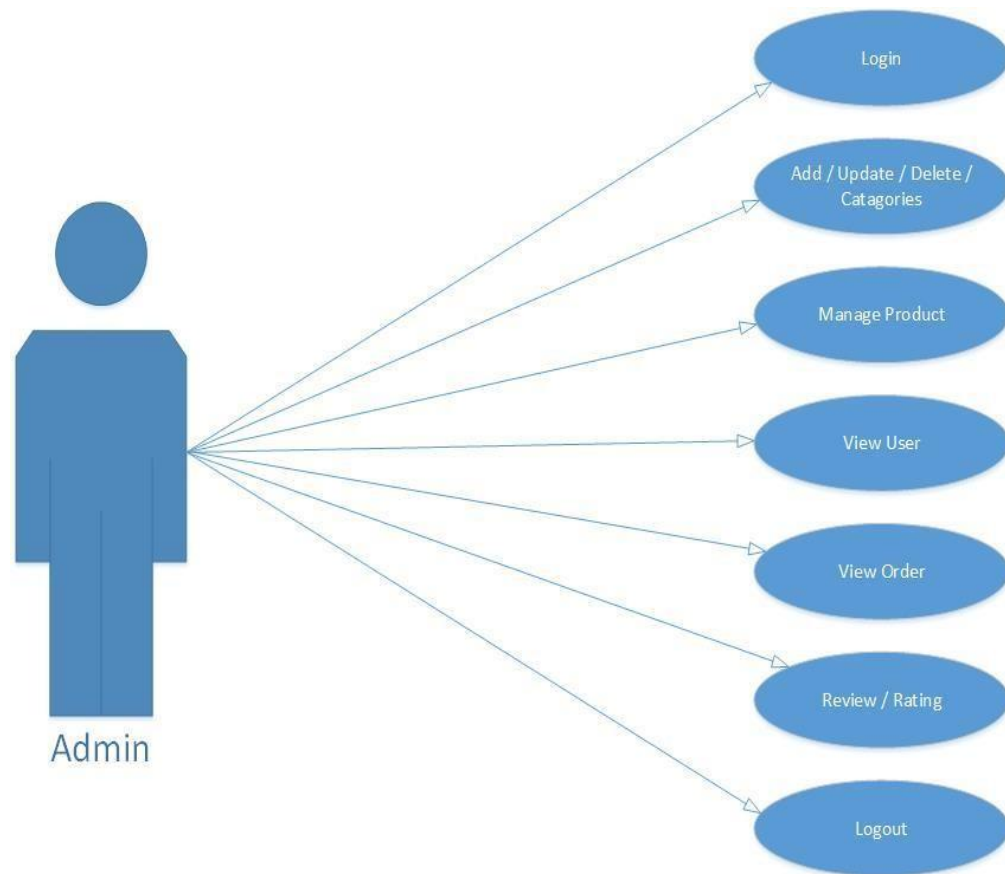
#### a) Admin :



*Figure 2.2: Use case Diagram for Admin*

**b) Register:**

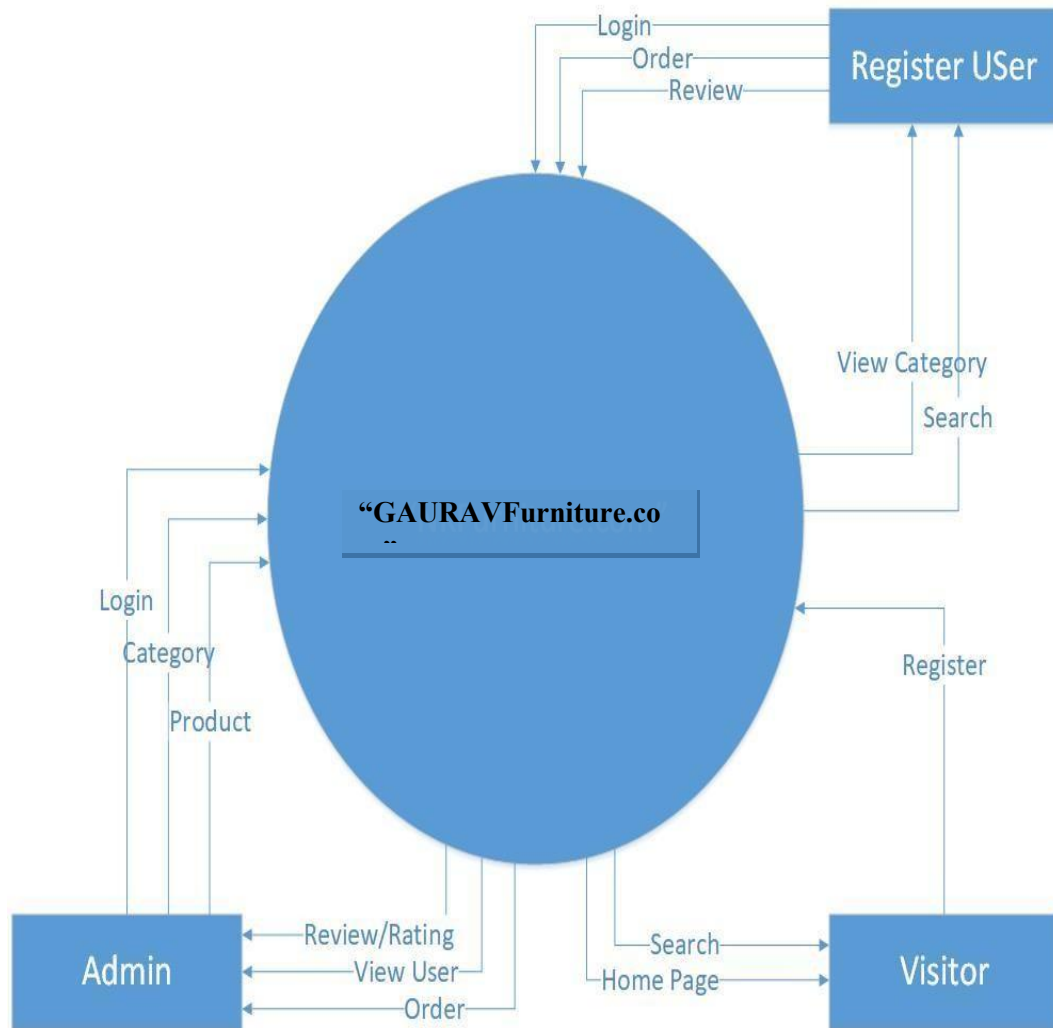
*Figure 2.3: Use case Diagram for Register*

**c) Visitor :**

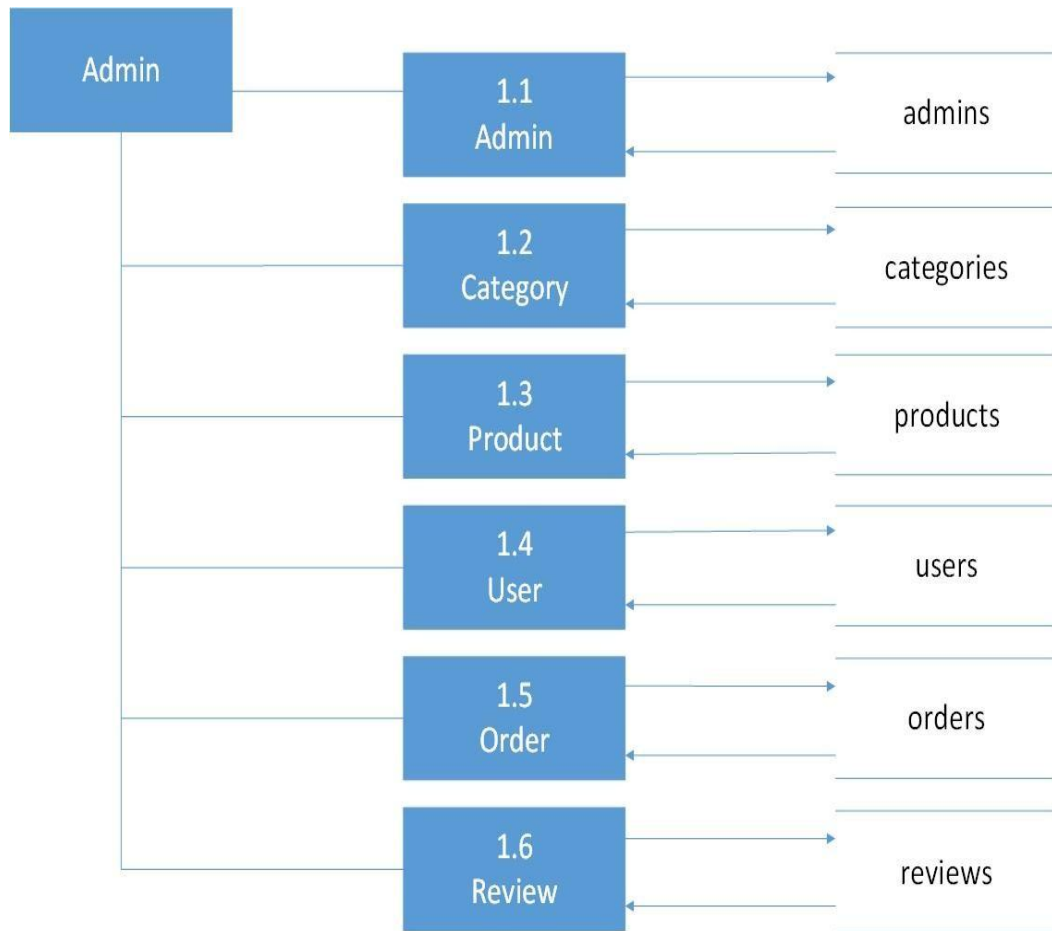
**Figure 2.4: Use case Diagram for Visitor**

### 2.1.3 Data Flow Diagram:

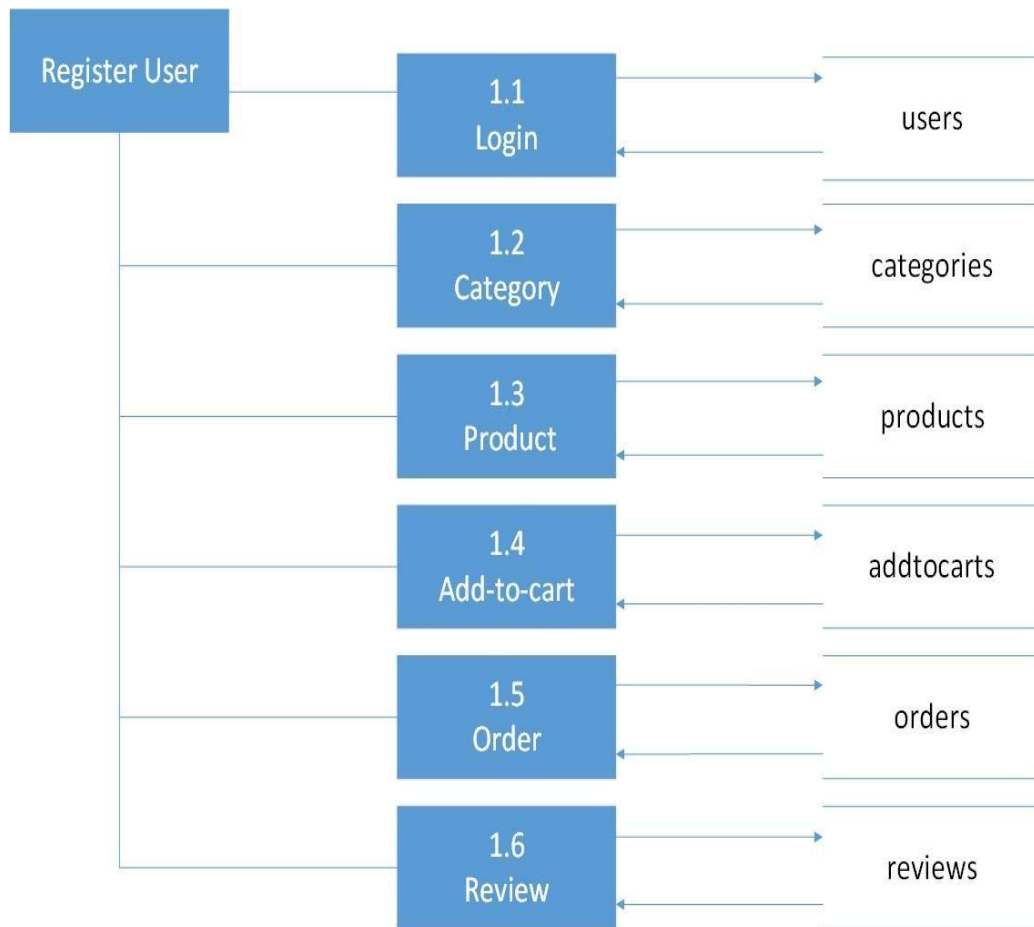
#### a) Context Diagram :



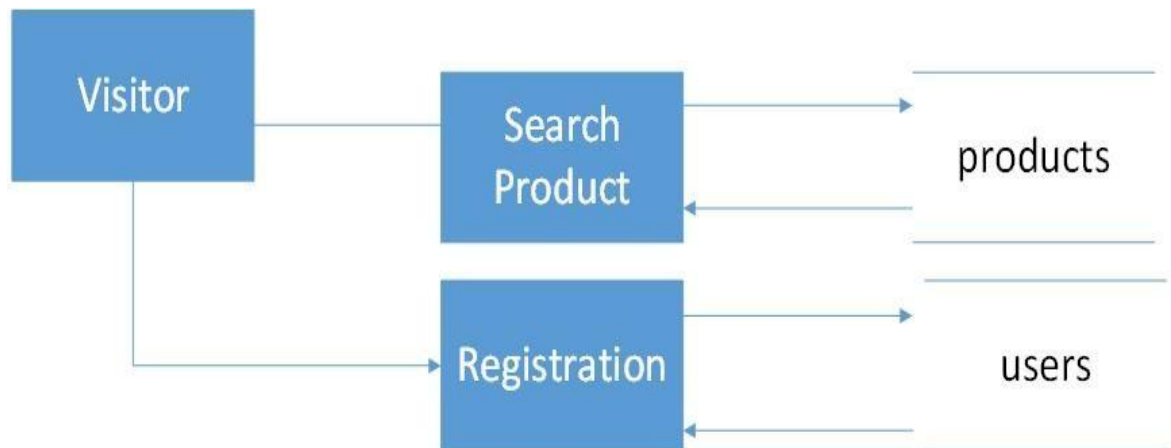
*Figure 2.5: Context Diagram*

**Level 1 Data Flow Diagram :****a) Admin :**

**Figure 2.6: 1 - Level Data Flow Diagram**

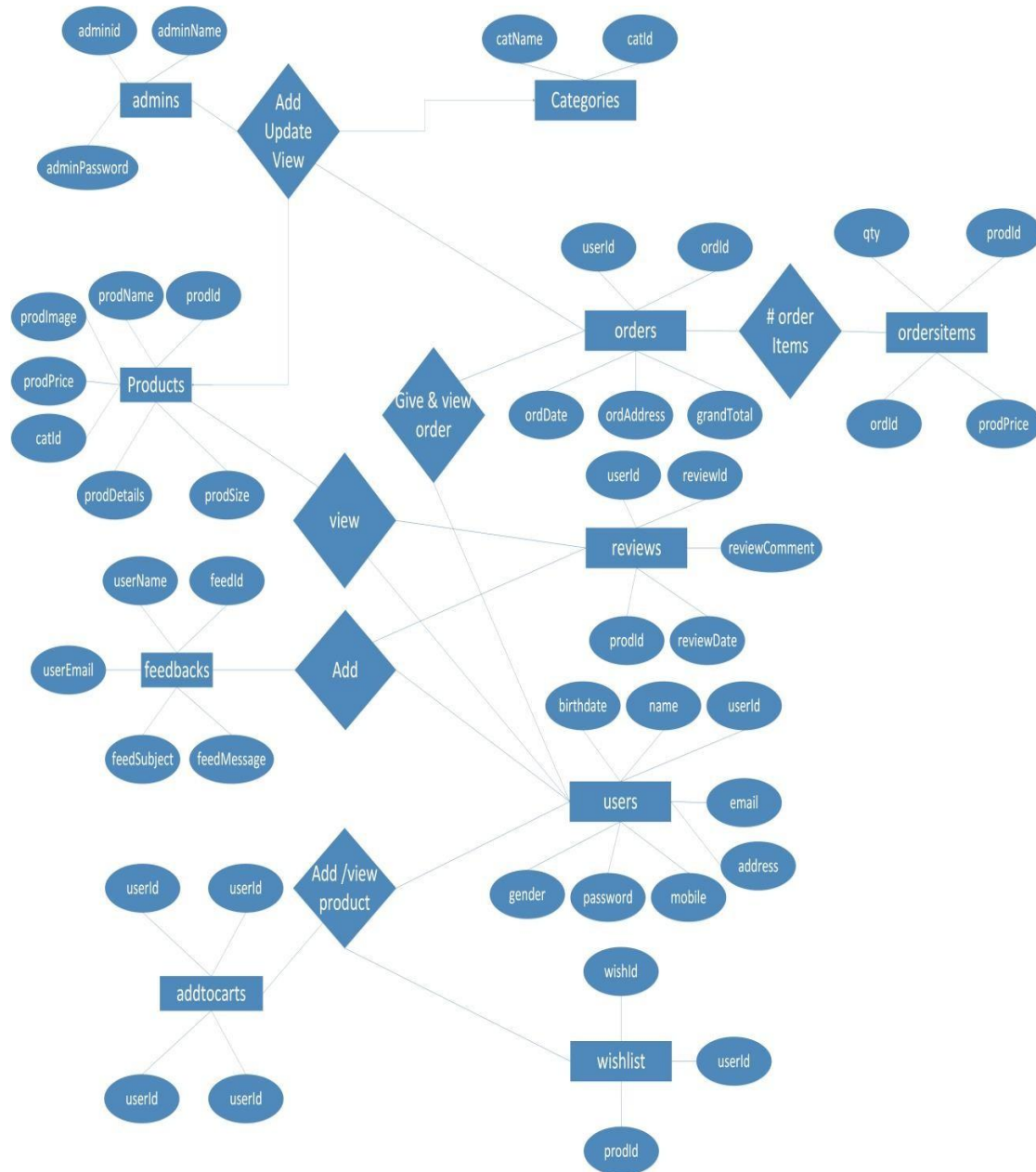
**b) Register User :**

**Figure 2.7: 1 - Level Data Flow Diagram**

**c) Visitor :**

*Figure 2.8: 1 - Level Data Flow Diagram*



**2.1.4 Activity Diagram :****Figure 2.9: Activity Diagram**

## 2.2 DATA DICTIONARY

**Table Name:** admins

**Description:** Store admin details

SR. No	FIELD NAME	DATA TYPE	SIZE	CONSTRAINT	DESCRIPTION
1	adminId	Int	5	Primary key	Id of admin
2	adminName	Varchar	50	Not null	Name of admin
3	adminPassword	Varchar	50	Not null	Password of admin
4	adminEmail	Varchar	50	Unique	Email of admin

**Table Name:** users

**Description:** Store user details

SR. No	FIELD NAME	DATA TYPE	SIZE	CONSTRAINT	DESCRIPTION
1	userId	Int	5	Primary key	Id of user
2	name	Varchar	50	Not null	Name of user
3	birthdate	date	—	Not null	Birthdate of user
4	gender	Varchar	50	Not null	Gender of user
5	password	Varchar	50	Not null	Password of user
6	mobile	Varchar	15	Unique	Mobile no of user
7	address	Varchar	50	Not null	Address of user
8	email	Varchar	50	Unique	Email of user

**Table Name:** products

**Description:** Store product details

SR. No	FIELD NAME	DATA TYPE	SIZE	CONSTRAINT	DESCRIPTION
1	prodId	Int	5	Primary key	Id of product
2	prodName	Varchar	400	Not null	Name of product
3	prodImage	Varchar	100	Not null	Image of product
4	prodPrice	Varchar	11	Not null	Price of product
5	catId	Int	5	Not null	Id of categories
6	prodSize	Varchar	100	Not null	Size of product
7	prodDetails	Varchar	600	Not null	Detail of product

**Table Name:** orders

**Description:** Store order details

SR. No	FIELD NAME	DATA TYPE	SIZE	CONSTRAINT	DESCRIPTION
1	ordId	Int	5	Primary key	Id of order
2	userId	Int	5	Not null	Id of user
3	ordDate	date	—	Not null	Date of order
4	ordAddress	Varchar	100	Not null	Address of order
5	grandTotal	Varchar	10	Not null	Total of order

**Table Name:** orderitems

**Description:** Store orderitems details

SR. No	FIELD NAME	DATA TYPE	SIZE	CONSTRAINT	DESCRIPTION
1	ordId	Int	5	Not null	Id of order
2	prodId	Int	5	Not null	Id of user
3	qty	Int	5	Not null	Date of order
4	prodPrice	Int	5	Not null	Address of order

**Table Name:** categories

**Description:** Store categorie details

SR. No	FIELD NAME	DATA TYPE	SIZE	CONSTRAINT	DESCRIPTION
1	catId	Int	5	Primary key	Id of categorie
2	catName	Varchar	50	Not null	Name of categorie

**Table Name:** wishlists

**Description:** Store wishlist details

SR. No	FIELD NAME	DATA TYPE	SIZE	CONSTRAINT	DESCRIPTION
1	wishId	Int	5	Primary key	Id of wishlist
2	prodId	Int	5	Not null	Id of product
3	userId	Int	5	Not null	Id of user

**Table Name:** feedbacks

**Description:** Store feedbacks details

SR. No	FIELD NAME	DATA TYPE	SIZE	CONSTRAINT	DESCRIPTION
1	feedId	Int	5	Primary key	Id of feedback
2	userName	Varchar	50	Not null	Name of user
3	userEmail	Varchar	50	Unique	Email of user
4	feedSubject	Varchar	50	Not null	Subject of feedback
5	feedMessage	Varchar	300	Not null	Message of feedback

**Table Name:** addtocarts

**Description:** Store addtocart details

SR. No	FIELD NAME	DATA TYPE	SIZE	CONSTRAINT	DESCRIPTION
1	cartId	Int	5	Primary key	Id of addtocart
2	prodId	Int	5	Not null	Id of product
3	userId	Int	5	Not null	Id of user
4	prodQty	Varchar	5	Not null	Quantity of product

**Table Name:** reviews

**Description:** Store review details

SR. No	FIELD NAME	DATA TYPE	SIZE	CONSTRAINT	DESCRIPTION
1	reviewId	Int	5	Primary key	Id of review
2	prodId	Int	5	Not null	Id of product
3	userId	Int	5	Not null	Id of user
4	userComment	Varchar	200	Not null	Comment of review
5	reviewDate	date	—	Not null	Date of review