**Relational Schema**

User(user\_id, user\_name, user\_email, user\_password, user\_address, user\_pincode, user\_phno, delivery\_id(FK))

Category(category\_id, c\_name)

Product(product\_id, p\_name, p\_info, p\_brand, p\_constituents, p\_cost, category\_id(FK))

Inventory(product\_id(FK), quantity)

Coupons(coupon\_id, user\_id(FK), discount, usuability, expiry)

Cart(user\_id(FK), product\_id(FK), coupon\_id(FK), quantity, cost)

Orders(order\_id, user\_id(FK), product\_id(FK), quantity, delivery\_address, total\_cost)

Order\_History(order\_id(FK), user\_id(FK))

Billing\_Details(billing\_id, order\_id(FK), total\_cost, mode\_of\_payment)

Delivery(delivery\_id, delivery\_options, user\_id(FK), order\_id(FK))

Seller(seller\_id, seller\_name, s\_username, s\_password, seller\_address, s\_pincode, seller\_phno, user\_id(FK), category\_id(FK), product\_id(FK), delivery\_id(FK))

**Queries**

-- creating a new user

use pharma;

insert into Users( user\_id, user\_name, user\_password, user\_email, user\_address, user\_pincode, user\_phno) values('45', 'Pete\_hannigan', 'jjgugu', 'petehann1995@gmail.com', '7767 Alley street', '767853', '8975689655');

-- updating the quantity of a product

use pharma;

UPDATE Inventory SET quantity = '7' Where product\_id = 'a';

-- deleting a category

use pharma;

Delete from Category Where category\_id = '1';

-- finding the medicine that is very cheap

use pharma;

Select min(p\_cost) from Product;

-- filtering the medicines within a certain range

use pharma;

Select \* from Products where p\_cost between 0 and 1000;

-- finding the all available pharmacies according to their location

use pharma;

Select seller\_pincode from Seller;

-- viewing all the available categories at the pharmacies

use pharma;

Select \* from Category;

-- viewing the expiry date of coupons;

use pharma;

Select expiry, user\_id, coupon\_id from Coupons;

-- viewing contents of the cart

use pharma;

Select \* from Cart;

-- checking order history of a customer

use pharma;

Select \* from Order\_Histroy

Where user\_id = '122';