**Creating Database**

create database smartshop;

**Creating Table**

create table user(

first\_name varchar(50),

last\_name varchar(50),

age int,

gender varchar(10),

contact\_number varchar(10),

user\_id varchar(15) not null,

password varchar(15),

user\_type varchar(1),

status varchar(1),

first\_question varchar(50),

second\_question varchar(50),

third\_question varchar(50),

first\_answer varchar(50),

second\_answer varchar(50),

third\_answer varchar(50),

primary key(user\_id)

);

create table product(

product\_code varchar(50) not null,

product\_name varchar(50),

product\_type int,

brand varchar(50),

quantity\_type varchar(10),

rate\_per\_quantity varchar(15),

stock\_count varchar(15),

add\_date DATE,

aisle varchar(15),

shelf varchar(15),

date\_of\_manufacture DATE,

date\_of\_expiry DATE,

primary key(product\_code)

);

create table purchase(

purchase\_id int,

user\_id varchar(15),

product\_code varchar(15),

primary key(purchase\_id),

foreign key(user\_id) references user(user\_id),

foreign key(product\_code) references product(product\_code)

);

create table search(

search DATE,

user\_id varchar(15),

product\_code varchar(15),

primary key(search),

foreign key(user\_id) references user(user\_id),

foreign key(product\_code) references product(product\_code)

);