**The proposed application will have the following tables in the schema structure as described :**

Step2Shopify\_User (userID, emailID, password, fname, lname, street, city, state, zipcode, country, usertype, points, cardtype)

**Create table Step2Shopify\_User(**

**userID varchar2(25),**

**emailID varchar2(50) unique not null,**

**password varchar2(50) not null,**

**fname varchar2(100) not null,**

**lname varchar2(100) not null,**

**street varchar2(100) not null,**

**city varchar2(100) not null,**

**state varchar2(100) not null,**

**zipcode integer not null,**

**country varchar2(100) not null,**

**usertype varchar2(1) not null,**

**points integer default 0,**

**cardtype varchar2(15),**

**CONSTRAINT PK\_Step2Shopify\_User primary key(userID));**

Step2Shopify\_User\_Contact (userID, phone\_no(

fk : Step2Shopify\_User.userID ))

**create Table Step2Shopify\_User\_Contact(**

**userID varchar2(25),**

**phone\_no integer,**

**CONSTRAINT PK\_User\_Contact primary key(userID,phone\_no),**

**CONSTRAINT FK\_User\_Contact foreign key(userID) references Step2Shopify\_User (userID));**

Category (categoryID, cname, userID

( fk : Step2Shopify\_User.userID ))

**Category (categoryID, cname, userID)**

**create table Step2Shopify\_Category(**

**CategoryID varchar2(25),**

**Cname varchar2(25) not null,**

**userID varchar2(25),**

**CONSTRAINT PK\_P\_Category primary key(CategoryID),**

**CONSTRAINT FK\_P\_Category foreign key(userID) references Step2Shopify\_User (userID));**

Product (productID, pname, price, stockleft, productdesc, categoryID (fk : Step2Shopify\_Category.CategoryID ))

**create table Step2Shopify\_Product(**

**ProductID varchar2(25),**

**Pname varchar2(25) not null,**

**P\_description varchar2(25),**

**price numeric(10,2) not null,**

**stockleft integer not null,**

**CategoryID varchar2(25),**

**CONSTRAINT PK\_Product primary key(ProductID),**

**CONSTRAINT FK\_Product foreign key(CategoryID) references Step2Shopify\_Category (CategoryID));**

Card (cardtype, points)

**create table Step2Shopify\_Card(**

**cardtype varchar2(25)not null,**

**points numeric(10,2) not null,**

**CONSTRAINT PK\_Card primary key (cardtype));**

Complaint (ComplaintId,customerID,productID, description, priority, ComplaintTime, adminID

( fk : Step2Shopify\_Product .ProductID , Step2Shopify\_User.UserID))

**create table Step2Shopify\_Complaints(**

**ComplaintID varchar2(25),**

**CustomerID varchar2(25),**

**ProductID varchar2(25),**

**C\_description varchar2(500) not null,**

**priority varchar2(1) not null,**

**ComplaintTime date,**

**AdminID varchar2(25),**

**CONSTRAINT PK\_Complaints primary key (ComplaintID),**

**CONSTRAINT FK\_Complaints\_Product foreign key(ProductID) references Step2Shopify\_Product (ProductID),**

**CONSTRAINT FK\_Customer\_Product foreign key(CustomerID) references Step2Shopify\_User(UserID));**

Feedback (FeedbackID,customerID,productID, description, FeedBackTime

( fk : Step2Shopify\_Product .ProductID , Step2Shopify\_User.UserID))

**create table Step2Shopify\_Feedback(**

**FeedbackID varchar2(25),**

**CustomerID varchar2(25),**

**ProductID varchar2(25),**

**F\_description varchar2(500) not null,**

**FeedBackTime date,**

**CONSTRAINT PK\_Feedback primary key (FeedbackID),**

**CONSTRAINT FK\_Feedback\_Product foreign key(ProductID) references Step2Shopify\_Product (ProductID),**

**CONSTRAINT FK\_Feedback\_Customer\_Product foreign key(CustomerID) references Step2Shopify\_User(UserID));**

Cart (userID,productID, quantity, price

( fk : Step2Shopify\_Product .ProductID , Step2Shopify\_User.UserID))

**create table Step2Shopify\_Cart(**

**UserID varchar2(25),**

**ProductID varchar2(25),**

**quantity integer not null,**

**price numeric(10,2) not null,**

**CONSTRAINT PK\_Cart primary key (UserID,ProductID),**

**CONSTRAINT FK\_Cart\_Product foreign key(ProductID) references Step2Shopify\_Product (ProductID),**

**CONSTRAINT FK\_Cart\_Customer foreign key(UserID) references Step2Shopify\_User(UserID));**

Subscription (userID,categoryID, productID

( fk : Step2Shopify\_Product .ProductID , Step2Shopify\_User.UserID , Step2Shopify\_Category.CategoryID ))

**create table Step2Shopify\_Subscription(**

**UserID varchar2(25),**

**CategoryID varchar2(25),**

**ProductID varchar2(25),**

**CONSTRAINT PK\_Subscription primary key (UserID,CategoryID),**

**CONSTRAINT FK\_Subscription\_Product foreign key(ProductID) references Step2Shopify\_Product (ProductID),**

**CONSTRAINT FK\_Subscription\_Customer foreign key(UserID) references Step2Shopify\_User(UserID),**

**CONSTRAINT FK\_Subscription\_Category foreign key(CategoryID) references Step2Shopify\_Category (CategoryID));**

Purchase (purchaseID, userID, productID, quantity, sysdate

( fk : Step2Shopify\_Product .ProductID , Step2Shopify\_User.UserID))

**create table Step2Shopify\_Purchase(**

**PurchaseID VARCHAR2(25),**

**UserID varchar2(25),**

**ProductID varchar2(25),**

**quantity integer not null,**

**Purchase\_date date not null,**

**CONSTRAINT PK\_Purchase primary key (PurchaseID),**

**CONSTRAINT FK\_Purchase\_Product foreign key(ProductID) references Step2Shopify\_Product (ProductID),**

**CONSTRAINT FK\_Purchase\_Customer foreign key(UserID) references Step2Shopify\_User(UserID));**

User\_View (userID, productID, sysdate ( fk : Step2Shopify\_Product .ProductID , Step2Shopify\_User.UserID))

**create table Step2Shopify\_UserView(**

**UserID varchar2(25),**

**ProductID varchar2(25),**

**ViewDate date,**

**CONSTRAINT PK\_V primary key (UserID,ProductID),**

**CONSTRAINT FK\_View\_Product foreign key(ProductID) references Step2Shopify\_Product (ProductID),**

**CONSTRAINT FK\_View\_Customer foreign key(UserID) references Step2Shopify\_User(UserID));**