

## **Converting E-R into Relational Schemas**

We converted E-R into relationship schemas as follows by following the rules related to including foreign key where required and creating extra tables in schema for M to N relationships and also for relationships with attributes. The schema we made is as follows:-

product(Product\_ID,Name,Price,Brand,Measurement,**Unit**,Admin\_ID,Category\_ID)

customer(Customer\_ID,First\_Name,Last\_Name,Email,Mobile No, Password)

category(Category\_ID,Category\_Name)

admin(Admin\_ID, First Name, Last Name, Admin\_Password)

seller(Seller\_ID, First\_Name, Last\_Name, Email, Phone\_Number, Password, Place\_Of\_Operation,Admin ID)

cart(Cart ID,Total\_Value, Total\_Count,**Final\_Amount**,**Offer\_ID**)

orders(Order ID, Mode, Amount, Order\_Time, State, City, House\_Flat\_No, Pincode, Cart\_ID, Date, **Delivery\_Boy\_ID**)

product\_feedback(Review ID,Rating, Review\_Body,Product\_ID,Customer\_ID,Review\_Date)

sells(Seller\_ID,Product\_ID, No\_of\_Product\_Sold)

admin\_views(Admin\_ID, Order\_ID, No\_Of\_Orders\_Viewed)

selects(Customer ID,Category ID)

associated\_With(Customer\_ID, Cart\_ID,Product\_ID)

**delivery\_boy(Delivery\_Boy\_ID,First\_Name,Last\_Name>Password,Mobile\_No>Email,Average\_Rating,Admin\_ID)**

**rates\_order\_delivery(Order\_ID,Delivery\_Boy\_ID,Customer\_ID,Rating\_Given)**

offer(Offer\_ID,Promo\_Code,Percentage\_Discount,Min\_OrderValue,Max\_Discount,Admin\_ID