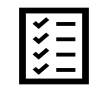
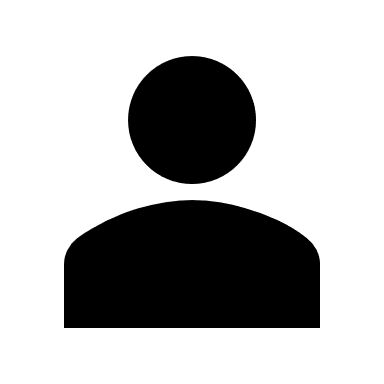
 **List of students:**

1. Nguyễn Đức Thắng
2. Nguyễn Nhựt Khoa
3. Đoàn Quang Huy

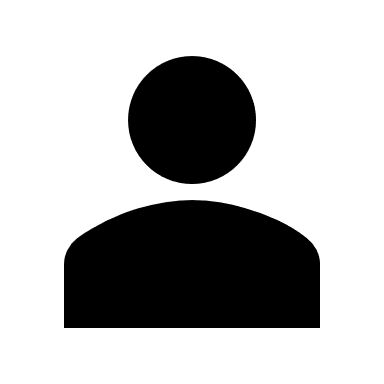
**Problems:**

Develop database for the purchase website chotot.com

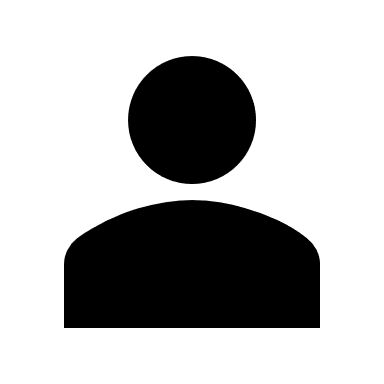
* **User requirement:**

 Guest can:

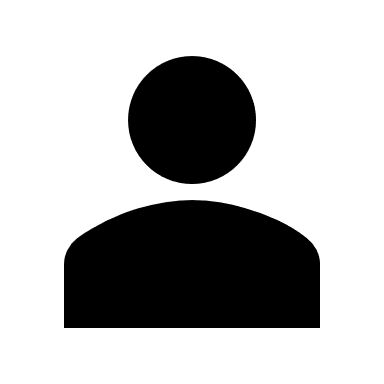
* + Find products
  + Post comments
  + View store informations

Member can:

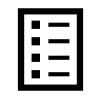
* + Find products
  + Vote a product
  + Like a product
  + Post a product
  + Marketing
  + View all favorite products
  + Recieve gift
  + Đồng tốt wallet
  + Send message to a store
  + View store informations
  + Update personal profile
  + Report a devalued product

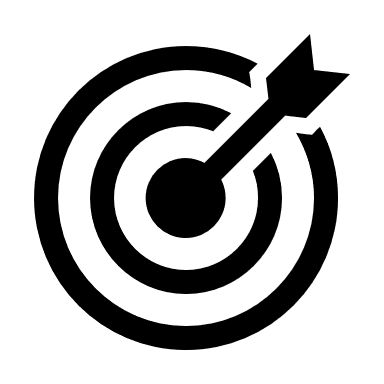
Store can:

* Remove products
* Remove advertisements
* Reply messages from member
* View all vote about a product from store
* Register shop infomation (phone number, address,...)
* Manage đồng tốt wallet

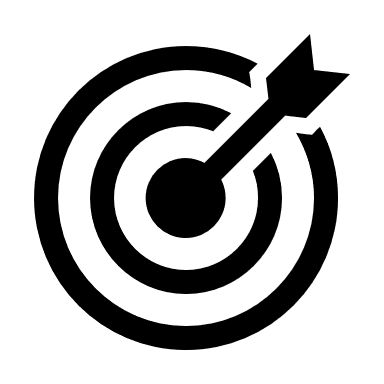
 Employee can:

* Censor a product price
* Handling website interface
* Ban a product
* Ban a advertise
* **Base on user requirement and change into ER diagram**
* **Change ER diagram to Database diagram:**
* **From ER Diagram we can change it to Database Scheme and nomalize it to 3NF/BCNF.**
* **Create database, triggers and queries base on Database Scheme.**

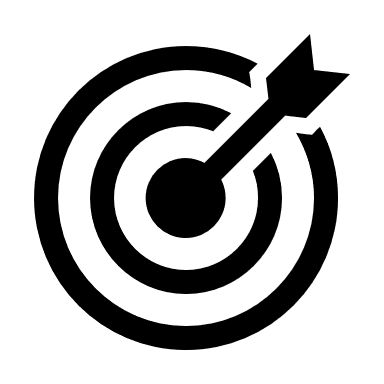
**List of required data object with these attributes:**

** EMPLOYEE:**

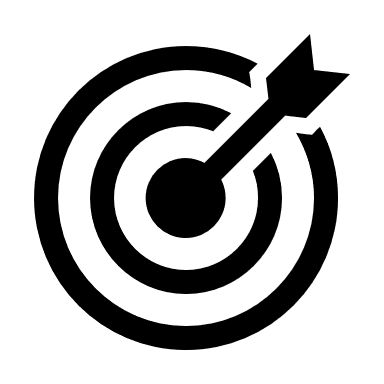
**Attributes:** ID, Name, Gender, Email, Location, Phone#

** STORE:**

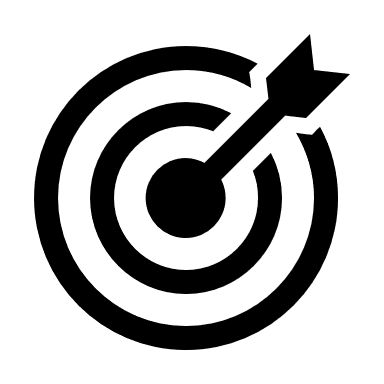
**Attributes:** ID, Name, Email, Phone#

**MEMBER:**

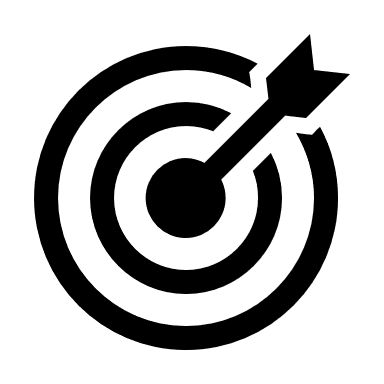
**Attributes:** ID, Name, DayOfLogin, Location, Phone#

** PRODUCT:**

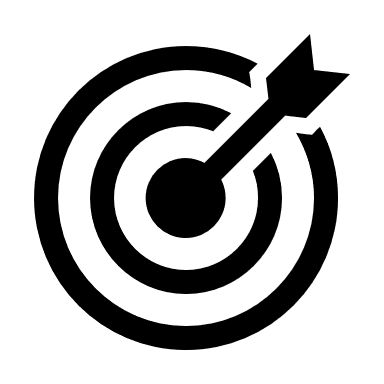
**Attributes:** Code, Name, Detail, Price,Description, UploadDate, Location, pStatus

** REPORT:**

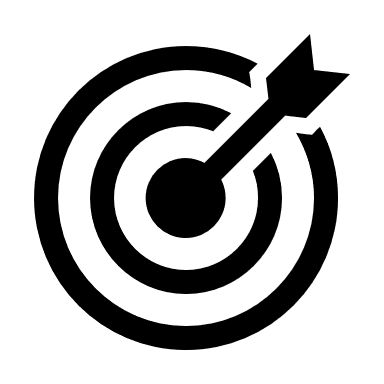
**Attributes:** ID Product, MemberID, Employee ID, Title, Content, createTime

**ADVERTISEMENT:**

**Attributes:** Member ID,Product ID,Đồng Tốt wallet ID ,Name,Price, Description, createDate.

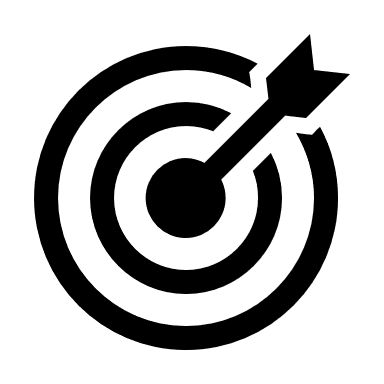
** WALLET:**

**Attributes:** WalletID, MemberID, Amount, History.

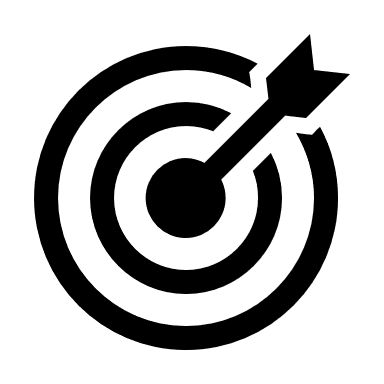
**TypeOfProduct:**

**Attributes:**

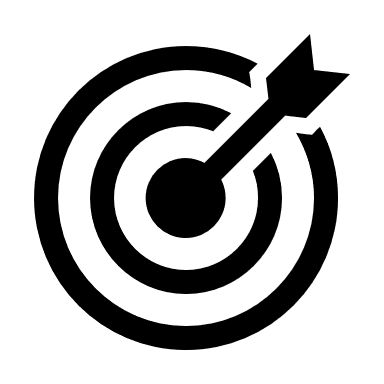
TypeID,IDProduct ,HouseID,CarID,ElectricalID,ToyID,FashionID,PetID,OfficeID,JobID,tourismID.

**House:**

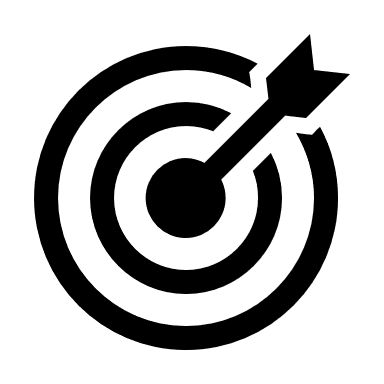
**Attributes:** HouseID, Square meter.

**Car:**

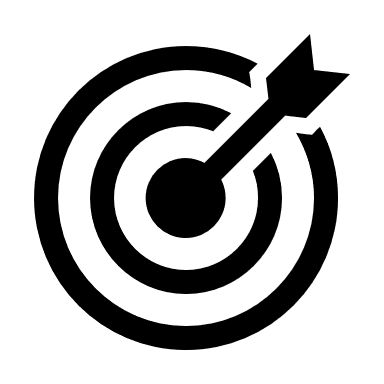
**Attributes:** CarID, carType.

**Electrical:**

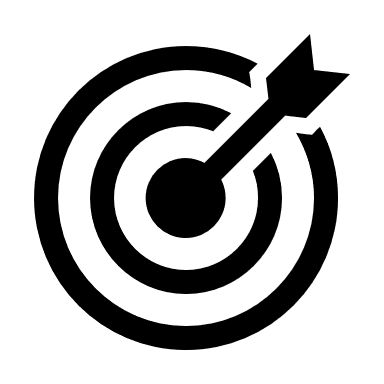
**Attributes:** ElectricalID, eleType.

**Toy:**

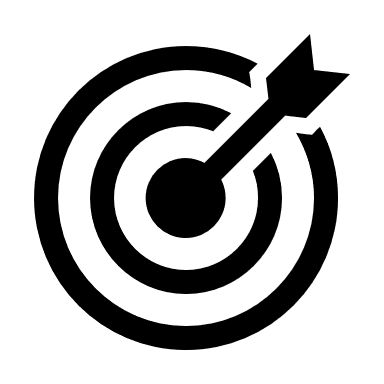
**Attributes:** ToyID, toyType.

**Furniture:**

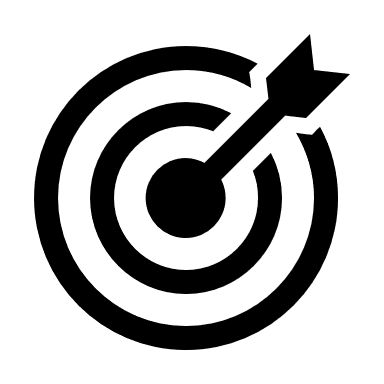
**Attributes:** FurnitureD, furType.

**Fashion:**

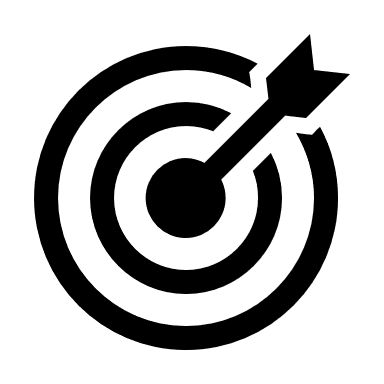
**Attributes:** FashionD, fashionType.

**Pet:**

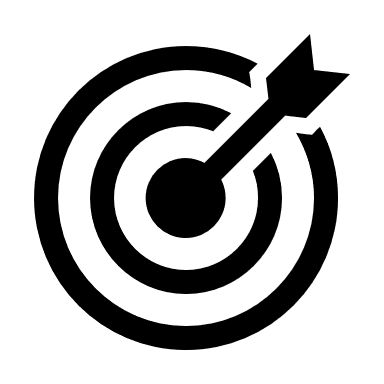
**Attributes:** PetID, petType.

**Office:**

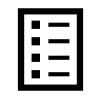
**Attributes:** OfficeID, officeType.

**Job:**

**Attributes:** JobID, jobType.

**Tourism:**

**Attributes:** TourismID, tourType.

**Required Transaction:**

Member and guest:

1.List all products

2.Find products

3.Post products

4.Modify Product’s information

5.Like a product

6.View all member’s favorite products

7.Create advertisements

For employee:

1.View all reports

2.Ban a product

3.Manage store