Store Requirements:

* Store database that keeps track of the **products**, their **type** and their **style**, as well as the **users** and their information, The database also keeps track of the **shopping bag** that includes the **products** to be purchased by the buyer.
* For each **User**, the database maintains information of the User’s Name [Name], Personal Identification Number [ID], E-mail [Email], and Password [Pass]. Two **subclasses** of the **User** entity type are identified: **Buyer** and **Seller**. Specific attributes of **Buyer** are Money Balance [MBalance], Phone Number [PhoneN], 2 Address [Address] (City, Street), and Birth Date [Bdate].
* For each **Product**, the database maintains information of the Product’s Name [PName], Product’s Number [P#], Price [Price], Quantity [Qua], The gender chosen to display its own products [Gender], Color [Color], Size [ Size]. Each **Buyer** can buy a lot of **Products**, and Each **Product** can be bought by many **Buyers** if the available quantity of it is more than one. (So, the relationship is M:N) and Each **Seller** can manage all **Products**, and Each **Product** can be managed by the **Seller**, if there is more than one. (So, the relationship is M:N).
* For each **Type**, the database maintains information of the Type’s Name [TName] (like Clothes, Shoes, Watches, Glasses … etc.), Type’s Number [T\_ID], Style that is a multivalued [Style] contains the Style’s Name [SName], Style’s Number [S\_ID]. Each **Product** belongs to a specific **Type**, but it can be more than one **Product** of the same **Type.** (So, the relationship is M:1)**.**
* For each **Shopping Bag**, the database maintains information of the Item’s Number [Item#], Total price that should be paid [Total Price] and the information of the **Buyer** (like his Address, Phone Number … etc.) who wants to buy the **Products** that were placed inside this bag with the necessary information for it (like color, size … etc.). Each **Buyer** has one **Shopping Bag** and each **Shopping Bag** is for one **Buyer** only**.** (So, the relationship is 1:1) and One **Shopping Bag** can contain more than one **Product**, and the **Product** can be in more than one **Shopping Bag** if there is more than 1 quantity of the **Product.** (So, the relationship is M:N).