1. Each **Human** can have two identities: **User** or(and) **Employee**. This means the inheritance of **Human** is generalized and overlapped.

2. **Human** need to record their account *ID*(as Primary key), *name*, *phone number* and *email address* as basic information.

3. There's a relationship between **Employee** and **Item**. Each **Employee** can sell lots of **Items** and each **Item** can be sold by many **Employees**. Each sell needs to record a *quantity* of the item.

4. Each **Item** needs to record its item *ID*, *name*, *price*, *edition*, *condition*, *tax*, *detail information*, is *free-shipped*, is *sold*, its *reward* and its *discount*.

5. Each **User** can have lots of **Payment** information, but each **Payment** information only can relate to 1 user. Each **User** can also have lots of **Billing** information, but each **Billing** information can only relate to 1 user.

6. Each Payment information should include Payment *ID*, *card number*, *expected month*, *expected year*, *card name*, and *CVN*.

7. Each Billing information should include Billing *ID*, billing *address*, *contact* information, billing *city*, billing *state*, billing *country* and *zip code*.

8. Each **User** can select lots of **Items** and each **Item** can be bought by lots of **Users**. When each selection happens, the quantity of the **Item** needs to be record.

9. For each appropriate combination of **Employee** and **User** in relation shopping, there are a minimum of 1 and a maximum of n of **Item**. For each appropriate combination of **Employee** and **Item** in relation shopping, there are a minimum of 1 and a maximum of n of **User**. And for each appropriate combination of **User** and **Item** in relation shopping, there a re a minimum of 1 and a maximum of n of **Employee**. When each shopping happens, there need to have an S*tatus* and *note*.