Use Case realizations

1. User enters the **User Interface(UI)** and chooses to create sale **Transaction**

User will enter the UI of Main menu and then choose 1 go to the UI of Create Sale Transaction, after inputting *first name, last name, address* and other information and create a Transaction, then add to **DataBase,** and get a *ID* number for Transaction. Finally, user quit the menu of create sale transaction and back to main menu.

1. User goes to the UI of Return Item(s).

User choose 2 and go to the menu of Return Item(s) on main menu. System will ask for the *date* of today. Then, system ask for the *ID* of transaction. Check the *ID* if it exists or not from **DataBase**. Then, check that this transaction is allowed to return item. If this transaction has already get rebate back on July 31, it cannot return items. System will go to **DataBase** and get the **Transaction**, set the *cost* of returned item to 0. Choose the items user would like to return. After user finishing return, back to main menu.

1. User goes to the UI of Add Rebate.

First, system will ask for the *ID* of transaction. Check the existence of the *ID* in **DataBase**. If it doesn’t exist, ask for another transaction. Otherwise, check the date of transaction. If it was not created on June, it cannot be added a rebate, and ask for another transaction. Otherwise, ask for the date of today. If the date is behind July 15th, it cannot be added a rebate. Otherwise, ask for the rebate amount, like 11%. Once finished, establish a new **Rebate** and add to **DataBase**. After all, back to main menu.

1. User goes to Generate Rebate Check.

System will go to **DataBase** find the all checks which need to generate. Print them all. Once finished, back to main menu.

1. User exit the system. Turn off the system.