**Education tools system**

**Description:**

**This system is for a shop that selling education tools This Application enable the user to store and save most data he may need in his system and has a lot of features I will describe below ; this system has implemented with java se with swing and database mysql :**

**Some Features of this system**

**1-login**

**This function allowing the user to login by his username and password if them are correct and then it will open the application else it show him a message that the username or password is wrong .**

**2- insert goods to store :**

**This function allowing the user to adding goods to the shop by entering the name of the product , the price of buying ,the price of selling for the customer and the amount of product .**

**3-display or search for a goods :**

**This function enables the user to see all goods in the shop by name price of buying , price to sell ,the available amount , he also can search for a specified element by writing every character the system check for all the prouducts with name like that .**

**4 – editing goods info :**

**This function enables the user after doing feature 3 he can edit any of the goods he search for or display it by select it from the table then the data is automatically is displayed in some text fields and he can change as he need then press edit , then the system ask him if he sure of his editing ;**

**5- deleting goods :**

**This function enable the user to delete some elements from the system with the same technique in the 4 features .**

**6- add customer :**

**This function enables the user to adding a new customer info ,**

**As name , phone number and address and then press a button to add this customer , the system check if the customer name or phone is excisting before and if found he prevent him to add this and display a message to notify him.**

**7- display or search for a customer :**

**This allows the user to display and search for a specified customer with the same technique in feature 3 it will show the user name ,phone number ,address and the money on the customer from previous bills ;**

**8- editing or deleting customer :**

**This function allows the user to edit or delete a customer with the same technique in features 4 and 5 ;**

**9- new bill :**

**This function is the most important in the system it allows the**

**User to sell items and store the bill with its data in database ,**

**First the user search for a customer in a text field and the search is show in a list below the list will fill with all customer like the value in text and user can click on the specified customer or just**

**continue writing it ; then search for the item to sell with the same technique in the same list then the system search for this item in data base and put it’s price in a text field after that user enter the amount to sell then press add to add it in a table he can do this process as he want and every time the system calculates the total price and show this under the table when user finish he should enter the paid money from the customer then if the money is less than total money of the bill then the system add the still money of the customer to his row in database and ofcourse remove data that is already paid, the user also can change the items in the bill before confirming it .**

**10 – reducing money on customer (الشكك):**

**This function is allowed the user to reduce the value that the customer paid from the money on it ;**

**11- show biils:**

**This function allows user to show all bills and can search for the bill by it’s id and can search also by the date .**

**12 – take a backup**

**This function allows the user to take a back up of the database .**