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CS370

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Name of the Project: KZ POS SYSTEM

Introduction:  
A point of sales system for nail salons. This program will record customer’s information such as Name, Address, DOB, Email and their reward points for a particular nail salon. I will be making up a several inputs in a text file so the program can take the input from the text file and add it to the database as if those were existing customers.

Features:

* Menu Tab – The owner can add item and price numbers into the menu tab for their store
* Sells Tab – there will be a sales tab when you click the item in the menu tab it will appear in the sells tab and it will calculate the total amount that the customer has to pay. All the sales record will be recorded into the database.
* Promotion – display the services that are in promotion on a particular day
* Add New Member – Add new customers into the database. If the name, address, and DOB all matches to the information that we inserted, it will display a message stating the customer is already in the rewards program.
* Find Member – We can search by name or address to see if the information existed in the database and display all the matching ones.
* View – it will display a list of the entire customer list in alphabetical order by their name.
* Sales Record – it will pull out the list of sales by day, week, month or yearly base on owner’s request.
* Remove Member – It will remove a customer in the database.

Definition of the problem:

Each customer must have a unique identification number for their membership to prevent multiple customers sharing the same reward.   
Solution to the problem:

We can use a small membership card which each card will have a unique number. This will be easier for customers to carry around in their wallet or purse. Customers will not have to memorize the membership ID.

Review vs Advantages of our system:

* Easy to use/Simple design
* Makes your customer information organize
* Clear reports
* Reduce Paperwork
* Faster transaction

Cost & Timeline:

The cost for this project is low. We just need to get a PC with MYSQL installed in order for this thing to work. However, the development of this project might take about 2-4 weeks for the first version to be ready for use.

Conclusion:

This POS system will be updating constantly to implement more features upon customer’s request. I believe that this program will have a good potential for growth since we can also have a point of sales system for different businesses other than nail salon. We can always expand this program to other business by changing several features or adding several features.