

```
# BLL PART
```

```
# CREATE CUSTOMER CLASS
```

```
class customer:
```

```
    cust_list = []
```

```
    def __init__(self):
```

```
        self.id = 0
```

```
        self.name = 0
```

```
        self.age = 0
```

```
        self.gender = 0
```

```
        self.contact = 0
```

```
# METHOD FOR ADD CUSTOMER
```

```
def add_customer(self):
```

```
    customer.cust_list.append(self)
```

```
# METHOD FOR SEARCH CUSTOMER
```

```
def search_customer(self):
```

```
    for i in customer.cust_list:
```

```
        if self.id == i.id:
```

```
            return i
```

```
        elif self.name == i.name:
```

```
            return i
```

```
        elif self.contact == i.contact:
```

```
            return i
```

```
    else:
```

```
        print("Invalid search")
```

```
# METHOD FOR DELETE CUSTOMER
```

```
def delete_customer(self):  
    for i in customer.cust_list:  
        if i.id == self.id:  
            customer.cust_list.remove(i)
```

METHOD TO MODIFY CUSTOMER

```
def modify_customer(self):  
    for i in customer.cust_list:  
        if self.id == i.id:  
            i.id = self.id  
            i.name = self.name  
            i.age = self.age  
            i.gender = self.gender  
            i.contact = self.contact  
    return
```

PL PART

```
def show_customer(cus):  
    print("customer id: ", cus.id, "\t" "customer name: ", cus.name, "\t" "customer age: ",  
cus.age,  
        "\t""customer gender: ", cus.gender, "\t" "customer contact: ", cus.contact)
```

```
print("WELCOME TO RUBY's CMS")
```

```
while (1):  
    choice = input("""  
        1.for ADD customer,  
        2.for SEARCH customer,
```

3.for DELETE customer,
4.for MODIFY customer,
5.for DISPLAY customer
Enter your choice: """)

cust1 = customer()

ADD CUSTOMER

if choice == "1":

cust1.id = int(input("Enter customer id: "))
cust1.name = input("Enter customer name: ")
cust1.age = int(input("Enter customer age: "))
cust1.gender = input("Enter customer gender: ")
cust1.contact = int(input("Enter customer contact: "))
cust1.add_customer()
print("Customer added successfully")

SEARCH CUSTOMER

elif choice == "2":

search_choice = input("Enter your choice: id, name or contact: ")
if search_choice == "id" or search_choice == "ID":
 cust1.id = int(input("Enter customer id: "))
 cus = cust1.search_customer()
 show_customer(cus)

elif search_choice == "name" or search_choice == "NAME":

cust1.name = input("Enter customer name: ")
cus = cust1.search_customer()

```
show_customer(cus)
```

```
elif search_choice == "contact" or search_choice == "CONTACT":
```

```
    cust1.contact = int(input("Enter customer contact: "))
```

```
    cus = cust1.search_customer()
```

```
    show_customer(cus)
```

```
else:
```

```
    cust1.search_customer()
```

DELETE CUSTOMER

```
elif choice == "3":
```

```
    cust1.id = int(input("Enter customer id which you want to delete: "))
```

```
    cust1.delete_customer()
```

```
    print("Customer deleted successfully")
```

MODIFY CUSTOMER

```
elif choice == "4":
```

```
    cust1.id = int(input("Enter customer id to be modified: "))
```

```
    cust1.name = input("Enter updated customer name: ")
```

```
    cust1.age = input("Enter updated customer age: ")
```

```
    cust1.gender = input("Enter updated customer gender: ")
```

```
    cust1.contact = input("Enter updated customer contact: ")
```

```
    cust1.modify_customer()
```

```
    print("Customer updated successfully")
```

DISPLAY CUSTOMER

```
elif choice == "5":
```

```
    for i in customer.cust_list:
```

```
        show_customer(i)
```

else:

 print("Invalid choice")

chyn = input("Wanna continue y/n: ")

if chyn == "n" or chyn == "N":

 print("THANK YOU")

 break