

BLOOD DONATION MANAGEMENT

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In [ ]:
def userChoice():
    print("***Welcome To My Hospital***")
    print("1.Donor details\n2.Receptionist Details\n3.Hospital Details\n4.Add new Donor\n5.Add new Receptionist\n6.Admin\n7.Add BloodBank\n8.Add BloodBankManger\n9.Avail")
    n=int(input("Enter your choice:"))
    if(n==1):
        donor_id=int(input("Enter Donor Id:"))
        donorSearch(donor_id)
    elif(n==2):
        recep_id=int(input("Enter Receptionist Id:"))
        receptionistSearch(recep_id)
    elif(n==3):
        hospitalDetails()
    elif(n==4):
        addDonor()
    elif(n==5):
        addReceptionist()
    elif(n==6):
        userName=input("Enter UserName:")
        passWord=input("Enter PassWord:")
        if(userName=='admin' and passWord=='2903'):
            admin()
        else:
            print("You are not an admin\nAccess Denied")
    elif(n==7):
        addBloodBank()
    elif(n==8):
        addBloodBankManger()
    elif(n==9):
        bloodInfo()
    elif(n==10):
        n=int(input("Enter your choice:"))
        if(n==1):
            contactDetails()
        elif(n==2):
            contactService()
    else:
        print("Invalid input\nTry Again")
        exit()
def donorSearch(d):
    if(len(donors)>0):
        for i in range(len(donors)):
            if(int(donors[i][0])==d):
                print("Donor ID:"+donors[i][0]+"\n")
                print("Donor Name:"+donors[i][1]+"\n")
                print("Donor Age:"+donors[i][2]+"\n")
                print("Donor Gender:"+donors[i][3]+"\n")
                print("Blood Group:"+donors[i][4]+"\n")
                print("Donor Address:"+donors[i][5]+"\n")
                print("Donor Mobile Number:"+donors[i][6]+"\n")
            else:
                print("No Donor Available")
    donors=[]
def receptionistSearch(p):
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    for i in range(len(rec)):
        if(int(rec[i][0])==p):
            print("Receptionist ID:"+rec[i][0]+"\n")
            print("Receptionist Name:"+rec[i][1]+"\n")
            print("Receptionist Age:"+rec[i][2]+"\n")
            print("Receptionist Gender:"+rec[i][3]+"\n")
            print("Receptionist Address:"+rec[i][4]+"\n")
            print("Receptionist Mobile Number:"+rec[i][5]+"\n")
AP=[]
AP.append(1000)
AN=[]
AN.append(1000)
BP=[]
BP.append(1000)
BN=[]
BN.append(1000)
OP=[]
OP.append(1000)
ON=[]
ON.append(1000)
ABP=[]
ABP.append(1000)
def addDonor():
    print("Register Here As New User\n")
    print("Enter Donor Credentials")
    d_id=input("Enter Donor id\n")
    name=input("Enter Donor Name:\n")
    age=input("Enter Donor Age:\n")
    gen=input("Enter Donor Gender\n")
    print("1.Ab+\n2.B-\n3.B+\n4.A-\n5.A+\n6.O+\n7.O-")
    blood=input("Enter Blood Group:\n")
    add=input("Enter Donor Address:\n")
    mob=input("Enter Donor Mobile Number:\n")
    a=d_id+" "+name+" "+age+" "+gen+" "+blood+" "+add+" "+mob
    b=tuple(str(x) for x in a.split(" "))
    donors.append(b)
    print("Donor Data Updated!!!")
    donate(int(age),blood)
hos=[]
def hospitalDetails():
    name=input("Enter Hospital Name:\n")
    add=input("Enter Donor Address:\n")
    mob=input("Enter Your Mobile Number:\n")
    a=name+" "+add+" "+mob
    b=tuple(str(x) for x in a.split(" "))
    bb_num=input("Enter BloodBank number:")
    for i in range(len(bb)):
        if(bb[i][1]==bb_num):
            print("Blood Available:"+bb[i][2])
            print("check Quantity here")
            bloodInfo()
            print("Place Order")
            placeOrder(bb[i][2])
    hos.append(b)
    print("Hospital Data Updated!!!")
rec=[]
def addReceptionist():
    print("Register Here As New User\n")
    Id=input("Enter Employee Id")
    name=input("Enter Employee Name:\n")

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age=input("Enter Employee Age:\n")
gen=input("Enter Employee Gender\n")
add=input("Enter Employee Address:\n")
mob=input("Enter Mobile Number:\n")
a=Id+" "+name+" "+age+" "+gen+" "+add+" "+mob
b=tuple(str(x) for x in a.split(" "))
rec.append(b)
print("Receptionist Data Updated!!!")
bb=[]
def addBloodBank():
    print("Register Here As New User\n")#Hospital
    a=input("Enter BloodBank Credentials")
    name=input("Enter BloodBank Name:\n")
    no=input("Enter BloodBank Number:\n")
    addBloodBankManger(no)
    blood_type=input("Enter BloodBank Type:\n")
    orders=input("Enter BloodBank orders:\n")
    issue=input("Enter issue:\n")
    a=name+" "+no+" "+blood_type+" "+orders+" "+issue
    b=tuple(str(x) for x in a.split(" "))
    bb.append(b)
    print("BloodBank Data Updated!!!")
n=int(input("Enter numbers of time do you want to test:"))
for i in range(n):
    userChoice()

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Enter numbers of time do you want to test:5

Welcome To My Hospital

- 1.Donor details
- 2.Receptionist Details
- 3.Hospital Details
- 4.Add new Donor
- 5.Add new Receptionist
- 6.Admin
- 7.Add BloodBank
- 8.Add BloodBankManger
- 9.Available Blood Details
- 10.Contact Service

Enter your choice:1

Enter Donor Id:546

No Donor Available

Welcome To My Hospital

- 1.Donor details
- 2.Receptionist Details
- 3.Hospital Details
- 4.Add new Donor
- 5.Add new Receptionist
- 6.Admin
- 7.Add BloodBank
- 8.Add BloodBankManger
- 9.Available Blood Details
- 10.Contact Service

Enter your choice:2

Enter Receptionist Id:675

Welcome To My Hospital

- 1.Donor details
- 2.Receptionist Details
- 3.Hospital Details
- 4.Add new Donor
- 5.Add new Receptionist

6.Admin
7.Add BloodBank
8.Add BloodBankManger
9.Available Blood Details
10.Contact Service

Enter your choice:3
Enter Hospital Name:
Siva
Enter Donor Address:
karur,tamilnade
Enter Your Mobile Number:
1234567898
Enter BloodBank number:54
Hospital Data Updated!!!
Welcome To My Hospital

1.Donor details
2.Receptionist Details
3.Hospital Details
4.Add new Donor
5.Add new Receptionist
6.Admin
7.Add BloodBank
8.Add BloodBankManger
9.Available Blood Details
10.Contact Service

Enter your choice:4
Register Here As New User

Enter Donor Credentials

In []: