

**IBM CAREER EDUCATION**

**MAIN PROJECT**

**DOMAIN NAME: JAVA**

**Medical MANAGEMENT SYSTEM**

Submitted By,

Adarsh Patel (18162101018)

Kunal Makwana(18162101010) ,

Vastav Dham (18162101007)

II Year – (CBA) ‘A’ Section Ganpat University, Ahmedabad.

**Submitted To,**

A. Saai Sanjeev Achaarya

IBM Software Technical Trainer 

**FLOWCHART**

**SOFTWARE SPECIFICATIONS**

* OPERATING SYSTEM : Linux / Windows
* ENVIRONMENT : IBM RAD Software

**HARDWARE SPECIFICATIONS**

|  |  |  |
| --- | --- | --- |
|  PROCESSOR | : | CORE i3 7th Gen |
|  RAM | : | 4 GB |
|  MONITOR | : | 15” BLACK |
|  HARD DISK | : | 40 GB |
|  FLOPPY DRIVE | : | 1.44 MB |

**DESCRIPTION**

**INTRODUCTION:**

The Medical Management System (HMS) is a resource planning for a Medical ID card. It is an enterprise to help maintain and help the Patients financially.

**DESCRIPTION:**

It is a project which aims in developing a computerized system to manage the Medical Cards. It helps the Hospital management to manage the Patient Identities in a proper way. All the user login and register modules are in the system, using which the customers can register and log into the site.

**PROS:**

**.** Less human efforts.

**.** As the system is computerised so making it fast, this leads to time saving.

**.** Ease of use.

**.**Low chances of errors.

**.**Better management and boost in business.

**CONS:**

.Security issues.

.Keeping regular track of the system.

.Business becomes dependent on one single system.

**HOSPITAL MANAGEMENT SYSTEM**

**HOspital MANAGEMENT SYSTEM**

**AIM:**

**To create a computerised Medical management** **system which:-**

* **Helps select from the menu.**
* **Helps to register and log into the site to take the full advantages of the site.**

**PROGRAM:**

import java.util.\*;

class Patient\_det {

public int id;

public String Name;

public int age;

public String disease;

public long phn;

public String blood\_grp;

public int weight;

public String gender;

public String username;

public String pswd;

//public char[] pswd1;

public int len;

public String str,str1;

void get\_inform()

{

System.out.println("Enter Name :");

Scanner sc=new Scanner(System.in);

Name=sc.nextLine();

System.out.println("Enter Age :");

age=sc.nextInt();

System.out.println("Enter Disease :");

disease=sc.next();

System.out.println("Enter Contact Number :");

phn=sc.nextLong();

System.out.println("Enter Blood Group :");

blood\_grp=sc.next();

System.out.println("Enter Weight :");

weight=sc.nextInt();

System.out.println("Enter Gender :");

gender=sc.next();

System.out.println("Enter Username");

username=sc.next();

System.out.println("Enter Password");

pswd=sc.next();

//System.out.println("Re-enter Password");

//pswd1=console.readPassword();

/\*str=new String(pswd);

dtghjuu str1=new String(pswd1);

if(str1.compareTo(str)==0)

{

System.out.println("Password doesn't match");

}\*/

}

public static void main(String args[])

{

int i,choice,check=1,j=0,r=1,choice1,up,con=1,choice2,temp=93;

String userm,userm1;

String passm,passm1;

Patient\_det[] ob=new Patient\_det[10];

for(i=0;i<=9;i++)

{

ob[i]=new Patient\_det();

}

System.out.println("===================================================");

System.out.println(" Medical Registration");

System.out.println("===================================================");

while(check==1)

{

System.out.println("Press 1 For Registration");

System.out.println("Press 2 For Login");

System.out.println("Press 3 For Delete Your Account");

Scanner sc1=new Scanner(System.in);

choice=sc1.nextInt();

if(choice==1)

{

ob[j].get\_inform();

j++;

}

else if(choice==2)

{

System.out.println("Enter Your Username:");

userm=sc1.next();

System.out.println("Enter Password:");

passm=sc1.next();

for(i=0;i<j;i++)

{

if(i==temp)

{

if(ob[i].username.compareTo(userm)==0)

{

if(ob[i].pswd.compareTo(passm)==0)

{

System.out.println("Your Account Has been Deleted, Create a New One");

}

}

}

else{

if(ob[i].username.compareTo(userm)==0)

{

if(ob[i].pswd.compareTo(passm)==0)

{

System.out.println("You are Logged in Succesfully");

con=1;

while(con==1)

{

System.out.println("Press 1 To See Details");

System.out.println("Press 2 To See the Medicines");

System.out.println("Press 3 For Log out");

choice1=sc1.nextInt();

if(choice1==1)

{

System.out.println("==============Details===============");

System.out.println("Name: "+ob[i].Name);

System.out.println("Age: "+ob[i].age);

System.out.println("Disease: "+ob[i].disease);

System.out.println("Blood Group: "+ob[i].blood\_grp);

System.out.println("Weight: "+ob[i].weight);

System.out.println("Gender: "+ob[i].gender);

System.out.println("====================================");

r=1;

while(r==1)

{

System.out.println("Press 1 to change the details");

System.out.println("Press 2 to move to the previous step");

up=sc1.nextInt();

if(up==1)

{

System.out.println("Press 1 to change the age");

System.out.println("Press 2 to change the weight");

System.out.println("Press 3 to change the gender");

System.out.println("Press 4 to change the Password");

choice2=sc1.nextInt();

if(choice2==1)

{

System.out.println("Enter the new age:");

ob[i].age=sc1.nextInt();

System.out.println("Your Age is Updated Succesfully");

}

if(choice2==2)

{

System.out.println("Enter the new weight:");

ob[i].weight=sc1.nextInt();

System.out.println("Your Weight is Updated Successfully");

}

if(choice2==3)

{

System.out.println("Enter Gender:");

ob[i].gender=sc1.next();

System.out.println("Your Gender is Updated Successfully");

}

if(choice2==4)

{

System.out.println("Enter New Password");

ob[i].pswd=sc1.next();

System.out.println("Your Password is Updated Successfully");

}

}

if(up==2)

{

r=2;

}

}

}

if(choice1==3)

{

con=2;

}

}

}

}

}

}

}

else if(choice==3)

{

System.out.println("Enter Your Username:");

userm1=sc1.next();

System.out.println("Enter Your Password:");

passm1=sc1.next();

for(i=0;i<j;i++)

{

if(ob[i].username.compareTo(userm1)==0)

{

if(ob[i].pswd.compareTo(passm1)==0)

{

temp=i;

System.out.println("The Account is Deleted Successfully");

}

}

else

{

System.out.println("The Password and Username U entered does not match :)");

}

}

}

}

}

}

**EXPLANATION ABOUT PROJECT:**

This project is based on 3 modules:

1. Sign Up page:

Made for the new registration for the Medical cards.

1. Login page:-

Login page for get the details of the registration.

1. Updating:

To update in the suppose that person’s address is changed then we can

Change it by updating.

4.Delete:

Suppose the person expires then we can aso remove it.

**REFERENCES:**

1. <https://www.geeksforgeeks.org/> (For Hash Table)
2. Wikipedia (for some implementation concepts) 3. Google images.

**CONCLUSION:**

Thus we conclude that,

This system is better, smart, time efficient and easy to manage alternative of existing ways of managing Patient Details.

This project provides a computerized version of Medical management system which will benefit the Patients and their families