Dr. APJ ABDUL KALAM TECHNICAL UNIVERSITY

(Formerly Uttar Pradesh Technical University) LUCKNOW

Noida Institute of Engineering & Technology

(An Autonomous Institute)

Master of Computer Applications

Mini Project (AMCA0259)

YATHARTH – A Patient Portal

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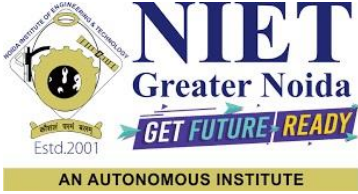
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Declaration

We hereby declare that this project work entitled "**YATHARTH – A Patient Portal**" has been prepared by our team during the year 2021 – 22 under the guidance of "**Ms. Preeti Gupta",** Department of MCA, NIET, Greater Noida (An Autonomous Institute) in the partial fulfilment of MCA degree prescribed by the college.

We also declare that this project is the outcome of our own effort, that it has not been submitted to any other university for the award of any degree.

<u>Certificate</u>

Noida Institute of Engineering & Technology

(An Autonomous Institute)

Master of Computer Applications

This is to certify that the software project entitled "**YATHARTH – A Patient Portal**" has been submitted by "**Abhigyan Shandilya, Vishal Sharma, Harsh Raj, Wasim Saifi, Priyanshu Pawan**" of MCA 1st year (2021-22), 2nd Semester, as per the requirement of Noida Institute of Engineering and Technology, Greater Noida as per the partial fulfilment for the Masters MCA in the academic year of 2021-22.

Head,

Dr. Ritesh Rastogi

Associate Professor

Department of MCA

NIET Greater Noida

<u>Acknowledgement</u>

We would like to express our deep gratitude to "**Ms. Preeti Gupta Ma'am**" who always gave us guidance and helped us to know about the subject. We made this project from our heart and shown utmost sincerity to complete it. We are very thankful to all those people who helped us and guided us to make such a project. We also thank our team who have provided us all the resources required to make this project.

Introduction

"**YATHARTH – A Patient Portal"** is developed to be used by Health Institutions to maintain records of patients easily.

Throughout the project the focus has been on presenting information in an easy and intelligible manner. The project is very useful for those who want to access Patient Records and to develop software on the same concept.

YATHARTH – A Patient Portal is designed to help manage the daily patient activities of recording and maintaining by automating it.

Earlier the working system was manual. The staff was facing problems in maintaining records of patient's data. So, We decided to computerize this system and reduce problems.

<u>**Requirement**</u>

Hardware Requirements: -

Name of Component	Specification
Processor	Pentium III 630MHz or more
RAM	128MB or more
Hard Disc	20GB or more
Monitor	15" colour Monitor or advance
Keyboard	Any Keyboard
Mouse	Any Mouse
Printer	In case of printing reports

Requirements

Software Requirement: -

Name of Component	Specification
Operating System (OS)	Windows98 or Later
Programming Language	C
Software Development Kit	DevC++

Purpose

YATHARTH – A Patient Portal is designed to help manage the daily patient record, by recording, maintaining and automating it. The system is equipped with a robust set of features like:

- Add Patient Record
- Remove Patient Record
- Update Patient Record
- Search Patient Record
- List of all Patients Records

Database

Used .dat file to store Patient Data:

In this program, we are saving Patient data into a **.dat file**. When program starts, it asks the user to choose an option form the list. If we choose option 1 then its ask to add record of patient and then it saves the record of patient into a file and then after we can perform various operation using file handling concepts.

Project Source Code

```c
#include<stdio.h>

#include<windows.h>

#include<conio.h>

#include<ctype.h>

#include<string.h>

#include<stdlib.h>

char ans=0;

int ok;

int b, valid=0;

void First_Screen(void);

void Title_Screen(void);

void Menu_option(void);

void Login_option(void);

void Add_patient(void);

void patient_list();

void Patient_Search(void);

void Patient_Edit(void);

void Patient_Delate(void);

void Closed(void);
```

```c
void gotoxy(short x, short y)

{

COORD position = {x, y};

SetConsoleCursorPosition(GetStdHandle(STD_OUTPUT_HANDLE), position);

}

struct patient

{

int age;

char Gender;

char FirstNam[20];

char LastNam[20];

char PhoneNumber[15];

char HomeAddress[30];

char Email[30];

char Doctor[20];

char Problem[20];

};

struct patient  p,temp_c;

main(void)

{

First_Screen();

Title_Screen();

Login_option();

}
```

```c
void First_Screen(void)

{

printf("\n\n\n\n\n\n\n\t\t\t\t");

printf("\n\t\t\t\t    WELCOME TO\t\t");

printf("\n\t\t\t\tYATHARTH-PATIENT PORTAL");

printf("\n\t\t\t\t");

printf("\n\nPress Enter any Key for Continue....\n");

getch();

system("cls");

}

void Title_Screen(void)

{

printf("\n\n\t\t");

printf("\n\t\t\t\t\t\tYATHARTH");

printf("\n\t\t\t\t\tFEEL BETTER , GET BETTER.....");


printf("\n\t\t");

}


void Menu_option(void)

{

system("cls");

int choose;

Title_Screen();
```

```c
printf("\n\n\n\n\n1. Add Patients Record\n");

printf("\n2. List Of Patients Record\n");

printf("\n3. Finding Of Patients Record\n");

printf("\n4. Change Of Patients Record\n");

printf("\n5. Remove Of Patients Record\n");

printf("\n6. Exit\n");

printf("\n\n\n \nChoose Number from 1 to 6 :");

scanf("%i", &choose);

switch(choose)

{

case 1:

Add_patient();

    break;

  case 2:

    patient_list();

    break;

case 3:

Patient_Search();

  break;

case 4:

Patient_Edit();

break;

case 5:

Patient_Delate();
```

```c
break;

case 6:

Closed();

    break;

default:

printf("\nPlease enter valid Key");

getch();

}

}


void Closed(void)

{

system("cls");

Title_Screen();

printf("\n\n\n\n\n\t\t\t\tTHANKS FOR VISITING...");

getch();

}

void Login_option(void)

{

int e=0 ;

char Username[15];

char Password[15];

char original_Username[25]="NIET";

char original_Password[15]="NIET";
```

```c
do
{
printf("\n\n\n\nEnter User name and Password ");

printf("\n\n\n\t\tUSERNAME:");

scanf("%s",&Username);

printf("\n\t\tPASSWORD:");

//scanf("%s",&Password);

 int p=0;

   do{

      Password[p]=getch();

      if(Password[p]!='\r'){

         printf("*");

      }

      p++;

   }while(Password[p-1]!='\r');


 Password[p-1]='\0';

if (strcmp(Username,original_Username)==0 && strcmp(Password,original_Password)==0)

{

printf("\n\n\t\tYour Login is Successfull...");

getch();

Menu_option();

break;

}
```

```c
else

{

printf("\nSorry your Password Incorrect Please Try Again");

e++;

getch();

}

}while(e<=2);

if(e>2)

{

printf("\nYou have Tried Many Time. So, You cannot login.");

getch();

  Closed();

}

system("cls");

}

void Add_patient(void)

{

system("cls");

Title_Screen();


char ans;

FILE*ek;

int i;

ek=fopen("Record2.dat","a");
```

```c
printf("\n\n\t\t\tAdd Patients Record \n");


A:

printf("\nFirst Name: ");

scanf("%s",p.FirstNam);

p.FirstNam[0]=toupper(p.FirstNam[0]);

if(strlen(p.FirstNam)>20||strlen(p.FirstNam)<2)

{

printf("\nInvalid. The Character is too much short or long");

goto A;

}

else

{

for (b=0;b<strlen(p.FirstNam);b++)

{

if (isalpha(p.FirstNam[b]))

{

valid=1;

}

else

{

valid=0;

break;

}
```

```c
}
if(!valid)
{
printf("\nFirst name contain Invalid character. Please Enter again ");
goto A;
}
}


B:
printf("\nLast Name: ");
    scanf("%s",p.LastNam);
    p.LastNam[0]=toupper(p.LastNam[0]);
    if(strlen(p.LastNam)>20||strlen(p.LastNam)<2)
{
printf("\nInvalid. The character is too much short or long");
goto B;
}
else
{
for (b=0;b<strlen(p.LastNam);b++)
{
if (isalpha(p.LastNam[b]))
{
valid=1;
```

```c
}

else

{

valid=0;

break;

}

}

if(!valid)

{

printf("\nLast name contain Invalid character. Please Enter again :)");

goto B;

}

}


do

{

  printf("\nGender[F/M]: ");

scanf(" %c",&p.Gender);

if(toupper(p.Gender)=='M'|| toupper(p.Gender)=='F')

{

ok =1;

}

else

{
```

```c
        ok =0;
        }
            if(!ok)
        {
          printf("\nInvalid character.Enter Female for F and Mail for M");
          }
}while(!ok);


        printf("\nAge:");
        scanf(" %i",&p.age);
         do
         {
        C:
        printf("\nHomeAddress: ");
        scanf("%s",p.HomeAddress);
        p.HomeAddress[0]=toupper(p.HomeAddress[0]);
        if(strlen(p.HomeAddress)>20||strlen(p.HomeAddress)<4)
{
printf("\n\t Invalid. The character is too much short or long");
goto C;
}
}while(!valid);
do
{
```

```c
D:
  printf("\nContact no: ");

  scanf("%s",p.PhoneNumber);

  if(strlen(p.PhoneNumber)>10||strlen(p.PhoneNumber)!=10)

{

printf("\n\t Sorry Invalid Numbers. Please Enter 10 digit numbers without country code.");

goto D;

}

else

{

for (b=0;b<strlen(p.PhoneNumber);b++)

{

if (!isalpha(p.PhoneNumber[b]))

{

valid=1;

}

else

{

valid=0;

break;

}

}

if(!valid)

{
```

```c
printf("\nContact no. contain Invalid character.Enter again");

goto D;

}

}

}while(!valid);

do

{

  printf("\nEmail: ");

  scanf("%s",p.Email);

  if (strlen(p.Email)>30||strlen(p.Email)<8)

  {

    printf("\n\t Invalid. The max range for email is 30 character and min range is 8 ");

    for(i = 0;p.Email[i]!='\0'; i++)

            {

        if (p.Email[i] != '@')

                    printf("\n\t Invalid.Must Include @ in an Email Address. ");

} }

}while(strlen(p.Email)>30||strlen(p.Email)<8);

E:

printf("\nProblem: ");

scanf("%s",p.Problem);

p.Problem[0]=toupper(p.Problem[0]);

if(strlen(p.Problem)>15||strlen(p.Problem)<3)

{
```

```c
printf("\n\t Invalid. The max range for first name is 15 and min range is 3 :)");

goto E;

}

else

{

for (b=0;b<strlen(p.Problem);b++)

{

if (isalpha(p.Problem[b]))

{

valid=1;

}

else

{

valid=0;

break;

}

}

if(!valid)

{

printf("\n\tSorry, Problem contain Invalid character");

goto E;

}

}

F:
```

```c
    printf("\nPrescribed Doctor:");

    scanf("%s",p.Doctor);

    p.Doctor[0]=toupper(p.Doctor[0]);

    if(strlen(p.Doctor)>30||strlen(p.Doctor)<3)

{

printf("\n\t Invalid.The character is too much short or long");

goto F;

}

else

{

for (b=0;b<strlen(p.Doctor);b++)

{

if (isalpha(p.Doctor[b]))

{

valid=1;

}

else

{

valid=0;

break;

}

}

if(!valid)

{
```

```c
printf("\n\t Doctor name contain Invalid character. Enter again");

goto F;

}

}

    fprintf(ek," %s %s %c %i %s %s %s %s %s\n", p.FirstNam, p.LastNam, p.Gender, p.age,
p.HomeAddress, p.PhoneNumber, p.Email, p.Problem, p.Doctor);

    printf("\n\n\tInformation Record Done Successful ...");

    fclose(ek);

    sd:

    getch();

    printf("\n\n\tDo you want to add more[Y/N]?? ");

    scanf(" %c",&ans);

    if (toupper(ans)=='Y')

{

    Add_patient();

}

    else if(toupper(ans)=='N')

{

printf("\n\tThank you");

    getch();

    Menu_option();

}

    else

    {
```

```c
        printf("\n\tInvalid Input\n");

        goto sd;

    }

}




void patient_list()

{

int row;

system("cls");

Title_Screen();

FILE *ek;

ek=fopen("Record2.dat","r");

printf("\n\n\t\tList Patients Record \n");

gotoxy(1,15);

printf("Full Name");

gotoxy(20,15);

printf("Gender");

gotoxy(32,15);

printf("Age");

gotoxy(37,15);

printf("HomeAddress");

gotoxy(49,15);

printf("Contact No.");
```

```c
gotoxy(64,15);

printf("Email");

gotoxy(88,15);

printf("Problem");

gotoxy(98,15);

printf("Prescribed Doctor\n");

printf("=============================================================================================================");

row=17;

while(fscanf(ek,"%s %s %c %i %s %s %s %s %s\n", p.FirstNam, p.LastNam, &p.Gender, &p.age, p.HomeAddress, p.PhoneNumber, p.Email, p.Problem, p.Doctor)!=EOF)

{

gotoxy(1,row);

printf("%s %s",p.FirstNam, p.LastNam);

gotoxy(20,row);

printf("%c",p.Gender);

gotoxy(32,row);

printf("%i",p.age);

gotoxy(37,row);

printf("%s",p.HomeAddress);

gotoxy(49,row);

printf("%s",p.PhoneNumber);

gotoxy(64,row);

printf("%s",p.Email);
```

```c
gotoxy(88,row);

printf("%s",p.Problem);

gotoxy(98,row);

printf("%s",p.Doctor);

row++;

}

fclose(ek);

getch();

Menu_option();

}

void Patient_Search(void)

{

char name[20];

system("cls");

Title_Screen();

FILE *ek;

ek=fopen("Record2.dat","r");

printf("\n\n\tSearch Patients Record\n");

gotoxy(12,8);

printf("\n Enter Patient Name for view: ");

scanf("%s",name);

fflush(stdin);

name[0]=toupper(name[0]);
```

```c
while(fscanf(ek,"%s %s %c %i %s %s %s %s %s\n", p.FirstNam, p.LastNam, &p.Gender,
&p.age, p.HomeAddress, p.PhoneNumber, p.Email, p.Problem, p.Doctor)!=EOF)

{

if(strcmp(p.FirstNam,name)==0)

{

gotoxy(1,15);

printf("Full Name");

gotoxy(25,15);

printf("Gender");

gotoxy(32,15);

printf("Age");

gotoxy(37,15);

printf("HomeAddress");

gotoxy(52,15);

printf("Contact No.");

gotoxy(64,15);

printf("Email");

gotoxy(80,15);

printf("Problem");

gotoxy(95,15);

printf("Prescribed Doctor\n");

printf("================================================================
=====================================");

gotoxy(1,18);
```

```c
printf("%s %s",p.FirstNam, p.LastNam);

gotoxy(25,18);

printf("%c",p.Gender);

gotoxy(32,18);

printf("%i",p.age);

gotoxy(37,18);

printf("%s",p.HomeAddress);

gotoxy(52,18);

printf("%s",p.PhoneNumber);

gotoxy(64,18);

printf("%s",p.Email);

gotoxy(80,18);

printf("%s",p.Problem);

gotoxy(95,18);

printf("%s",p.Doctor);

printf("\n");

break;

}

}

if(strcmp(p.FirstNam,name)!=0)

  {

gotoxy(5,10);

printf("Record not found!");

getch();
```

```c
}
fclose(ek);
L:
getch();
printf("\n\n\tDo you want to view more[Y/N]?");
    scanf("%c",&ans);
    if (toupper(ans)=='Y')
    {
        Patient_Search();
    }
else if(toupper(ans)=='N')
{
printf("\n\t Thank you");
    getch();
Menu_option();
    }
else
    {
    printf("\n\tInvalid Input.\n");
    goto L;
    }
}
void Patient_Edit(void)
{
```

```c
FILE *ek, *ft;
  int i,b, valid=0;
  char ch;
  char name[20];
system("cls");
  Title_Screen();
  ft=fopen("temp2.dat","w+");
ek=fopen("Record2.dat","r");
if(ek==NULL)
{
printf("\n\t Can not open file!! ");
getch();
Menu_option();
}
    printf("\n\n\t\t Edit Patients Record\n");
gotoxy(12,13);
printf("Enter the First Name of the Patient:");
scanf(" %s",name);
fflush(stdin);
name[0]=toupper(name[0]);
gotoxy(12,15);
if(ft==NULL)
{
printf("\n Can not open file");
```

```c
getch();

Menu_option();

}

while(fscanf(ek,"%s %s %c %i %s %s %s %s %s\n", p.FirstNam, p.LastNam, &p.Gender,
&p.age, p.HomeAddress, p.PhoneNumber, p.Email, p.Problem, p.Doctor)!=EOF)

{

if(strcmp(p.FirstNam, name)==0)

{

valid=1;

gotoxy(25,17);

printf("Existing Record");

gotoxy(10,19);

printf("%s \t%s \t%c \t%i \t%s \t%s \t%s \t%s \t%s\n",p.FirstNam,p.LastNam,p.Gender,
p.age,p.HomeAddress,p.PhoneNumber,p.Email,p.Problem,p.Doctor);

gotoxy(12,22);

printf("Enter New First Name: ");

scanf("%s",p.FirstNam);

gotoxy(12,24);

printf("Enter Last Name: ");

scanf("%s",p.LastNam);

gotoxy(12,26);

printf("Enter Gender: ");

scanf(" %c",&p.Gender);

p.Gender=toupper(p.Gender);
```

```c
gotoxy(12,28);

printf("Enter age: ");

scanf(" %i",&p.age);

gotoxy(12,30);

printf("Enter HomeAddress: ");

scanf("%s",p.HomeAddress);

p.HomeAddress[0]=toupper(p.HomeAddress[0]);

gotoxy(12,32);

printf("Enter Contact no: ");

scanf("%s",p.PhoneNumber);

gotoxy(12,34);

printf("Enter New email: ");

scanf("%s",p.Email);

gotoxy(12,36);

printf("Enter Problem: ");

scanf("%s",p.Problem);

p.Problem[0]=toupper(p.Problem[0]);

gotoxy(12,38);

printf("Enter Doctor: ");

scanf("%s",p.Doctor);

p.Doctor[0]=toupper(p.Doctor[0]);

printf("\nPress U charecter for the Updating operation : ");

ch=getche();

if(ch=='u' || ch=='U')
```

```c
{
fprintf(ft,"%s  %s  %c  %i  %s  %s  %s  %s  %s\n",p.FirstNam,p.LastNam,p.Gender,
p.age,p.HomeAddress,p.PhoneNumber,p.Email,p.Problem,p.Doctor);

printf("\n\tPatient record updated successfully...");

}

}

else

{

fprintf(ft,"%s  %s  %c  %i  %s  %s  %s  %s  %s\n",p.FirstNam,p.LastNam,p.Gender,
p.age,p.HomeAddress,p.PhoneNumber,p.Email,p.Problem,p.Doctor);

}

}

if(!valid)

{

printf("\n\t\tNO RECORD FOUND...");

}

fclose(ft);

fclose(ek);

remove("Record2.dat");

   rename("temp2.dat","Record2.dat");

getch();

Menu_option();

}

void Patient_Delate()
```

```c
{
char name[20];

int found=0;

system("cls");

Title_Screen();

FILE *ek, *ft;

ft=fopen("temp_file2.dat","w+");

ek=fopen("Record2.dat","r");

printf("\n\n\tDelete Patients Record \n");

gotoxy(12,8);

printf("\n Enter Patient Name to delete: ");

scanf("%s",name);

fflush(stdin);

name[0]=toupper(name[0]);

while  (fscanf(ek,"%s  %s  %c  %i  %s  %s  %s  %s  %s", p.FirstNam, p.LastNam,
&p.Gender,&p.age, p.HomeAddress, p.PhoneNumber, p.Email, p.Problem, p.Doctor)!=EOF)

{

if (strcmp(p.FirstNam,name)!=0)

fprintf(ft,"%s %s %c %i %s %s %s %s %s\n", p.FirstNam, p.LastNam, p.Gender, p.age,
p.HomeAddress, p.PhoneNumber, p.Email, p.Problem, p.Doctor);

else

{

printf("%s %s %c %i %s %s %s %s %s\n", p.FirstNam, p.LastNam, p.Gender, p.age,
p.HomeAddress, p.PhoneNumber, p.Email, p.Problem, p.Doctor);

found=1;
```

```c
}

}

if(found==0)

{

printf("\n\n\tRecord not found..");

getch();

Menu_option();

}

else

{

fclose(ek);

fclose(ft);

remove("Record2.dat");

rename("temp_file2.dat","Record2.dat");

printf("\n\n\tRecord deleted successfully ");

getch();

Menu_option();

}

}
```

Output

```
C:\Users\NIET\Downloads\hospital\Hospital_final_view.exe


                              YATHARTH
                    FEEL BETTER , GET BETTER.....




1. Add Patients Record

2. List Of Patients Record

3. Finding Of Patients Record

4. Change Of Patients Record

5. Remove Of Patients Record

6. Exit



Choose Number from 1 to 6 :
```

```
C:\Users\NIET\Downloads\hospital\Hospital_final_view.exe


                              YATHARTH
                    FEEL BETTER , GET BETTER.....


                  Add Patients Record

First Name: Abhigyan

Last Name: Shandilya

Gender[F/M]: M

Age:24

HomeAddress: Noida

Contact no: 9934372100

Email: abc@gmail.com

Problem: Headache

Prescribed Doctor:Banner


        Information Record Done Successful ...
```

```
C:\Users\NIET\Downloads\hospital\Hospital_final_view.exe


                              YATHARTH
                     FEEL BETTER , GET BETTER.....


                Add Patients Record

First Name: Abhigyan

Last Name: Shandilya

Gender[F/M]: M

Age:24

HomeAddress: Noida

Contact no: 9934372100

Email: abc@gmail.com

Problem: Headache

Prescribed Doctor:Banner


        Information Record Done Successful ...

        Do you want to add more[Y/N]??
```

```
C:\Users\NIET\Downloads\hospital\Hospital_final_view.exe


                              YATHARTH
                     FEEL BETTER , GET BETTER.....


        Search Patients Record

Enter Patient Name for view: Abhigyan




Full Name              Gender Age  HomeAddress   Contact No. Email        Problem      Prescribed Doctor
=========================================================================================================

Abhigyan Shandilya       M     24   Noida         9934372100  abc@gmail.com  Headache     Banner
```

```
C:\Users\NIET\Downloads\hospital\Hospital_final_view.exe


                                    YATHARTH
                          FEEL BETTER , GET BETTER.....


        Search Patients Record

Enter Patient Name for view: Abhigyan




Full Name              Gender Age  HomeAddress  Contact No. Email           Problem       Prescribed Doctor
==========================================================================================================

Abhigyan Shandilya     M      24   Noida        9934372100  abc@gmail.com   Headache      Banner


        Do you want to view more[Y/N]?N

          Thank you
```

```
C:\Users\NIET\Downloads\hospital\Hospital_final_view.exe


                                    YATHARTH
                          FEEL BETTER , GET BETTER.....


            List Patients Record




Full Name              Gender    Age  HomeAddress Contact No.   Email               Problem    Prescribed Doctor
==============================================================================================================
Abhigyan Shandilya M             24   Noida       9934372100    abc@gmail.com       Headache   Banner
Priyanshu Pawan    M             25   Hajipur     7861239008    xyz@gmail.com       BackPain   Ahuja
Harsh Raj          M             23   Patna       9987865499    pqrs@yahoo.com      Cancer     Murphy
Vishal Sharma      M             24   Noida       7654238790    def@yahoo.com       Pinkeye    Ahmed
Wasim Saifi        M             25   Patna       9956432688    was@gmail.com       Diarrhea   Ahmed
```

```
                              YATHARTH
                     FEEL BETTER , GET BETTER.....


         Edit Patients Record



      Enter the First Name of the Patient:Vishal


              Existing Record

    Vishal          Sharma  M        24       Noida    7654238790       def@yahoo.com   Pinkeye        Ahmed

        Enter New First Name: Vishal

        Enter Last Name: Verma

        Enter Gender: 24

        Enter age:

        Enter HomeAddress: Noida

        Enter Contact no: 9978546500

        Enter New email: def@yahoo.com

        Enter Problem: COVID

        Enter Doctor: Malhotra
Press U charecter for the Updating operation : U
        Patient record updated successfully...
```

```
C:\Users\NIET\Downloads\hospital\Hospital_final_view.exe


                                  YATHARTH
                         FEEL BETTER , GET BETTER.....


        Delete Patients Record

 Enter Patient Name to delete: priyanshu
Priyanshu Pawan M 25 Hajipur 7861239008 xyz@gmail.com BackPain Ahuja


        Record deleted successfully _
```

```
C:\Users\NIET\Downloads\hospital\Hospital_final_view.exe


                                  YATHARTH
                         FEEL BETTER , GET BETTER.....




                      THANKS FOR VISITING..._
```

WELCOME TO
YATHARTH-PATIENT PORTAL

Press Enter any Key for Continue....

YATHARTH
FEEL BETTER , GET BETTER.....

Enter User name and Password

USERNAME:NIET

PASSWORD:****

Your Login is Successfull...

<u>Future Scope</u>

The proposed software product is the system which will be used in any Hospital, Clinic, Dispensary or Pathology labs to get the information from the patients and then storing that data for future use.

The current system in use is a paper-based system. It is too slow and cannot provide updated lists of patients within a reasonable timeframe. The intentions of the system are to reduce over-time pay and increase the number of patients that can be treated accurately. Required statements in this document are both functional and non-functional.

Future Enhancements

The proposed system is Hospital Management System. We can enhance this system by including more facilities like pharmacy system, Doctor's Information etc. Providing such features enable the users to include more comments into the system.

Conclusion

The project "**YATHARTH – A Patient Portal"** is for computerizing the working of a patient portal in a hospital. It is a great improvement over the manual system. The computerization of the system has speed up the process. This project was thoroughly checked and tested with dummy data and thus is found to be very reliable. The software takes care of all the requirements and is capable to provide easy and effective storage of information related to patients that come up to the hospital. The system also provides the facility of backup as per the requirement.