

**A MINI PROJECT REPORT**  
**ON**  
**HOSPITAL MANAGEMENT**

Submitted to Mumbai University  
In the partial fulfillment of the requirement for the award of the degree of

**Bachelor of Engineering**  
**In**  
**COMPUTER ENGINEERING**

**By**  
**Mr. Manzar Shaikh**  
**(16CO50)**

Under the guidance of  
**Mr. Muhammed Salman Shamsi**  
**Assistant Professor**



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**Department of Computer Engineering Anjuman-I-**  
**Islam Kalsekar Technical Campus Affiliated to**  
**Mumbai University**

**KHANDA GOAN, NEW PANVEL, NAVI MUMBAI, MAHARASHTRA**

**2017-2018**

**Department of Computer Engineering Anjuman-I-Islam**  
**Kalsekar Technical Campus Affiliated to Mumbai University**  
KHANDA GOAN, NEW PANVEL, NAVI MUMBAI, MAHARASHTRA 2017-2018



**DECLARATION BY THE CANDIDATE**

Shaikh Manzar bearing Roll number: 16CO50, hereby declare that the mini project report entitled “**Hospital Management**”, is a record of bonafide work carried out by me and the results embodied in this project have not been reproduced or copied from any source. The results of this project report have not been submitted to any other University or Institute for the award of any other Degree or Diploma.

**Shaikh Manzar**  
**(16CO50)**

**Department of Computer Engineering Anjuman-I-Islam**  
**Kalsekar Technical Campus Affiliated to Mumbai University**  
KHANDA GOAN, NEW PANVEL, NAVI MUMBAI, MAHARASHTRA 2017-2018



**CERTIFICATE**

This is to certify that the project report entitled “**Hospital Management**”, submitted by **Mr. Shaikh Manzar** , bearing **Roll. No.: 16CO50** in the partial fulfillment of the requirements for the award of the degree of **Bachelor of Computer Engineering** is a record of bonafide work carried out by him.

**Course Owner**  
**(Assit. Prof. Muhammed Salman Shamsi)**

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## **INTRODUCTION.**

The project Hospital Management system includes registration of patients, storing their details into the system, and also computerized billing in the pharmacy, and labs. The software has the facility to give a unique id for every patient and stores the details of every patient and the staff automatically. It includes a search facility to know the current status of each room. User can search availability of a doctor and the details of a patient using the id.

The Hospital Management System can be entered using a username and password. It is accessible either by an administrator or receptionist. Only they can add data into the database. The data can be retrieved easily. The interface is very user-friendly. The data are well protected for personal use and makes the data processing very fast.

Hospital Management System is powerful, flexible, and easy to use and is designed and developed to deliver real conceivable benefits to hospitals.

Hospital Management System is designed for multispeciality hospitals, to cover a wide range of hospital administration and management processes. It is an integrated end-to-end Hospital Management System that provides relevant information across the hospital to support effective decision making for patient care, hospital administration and critical financial accounting, in a seamless flow.

Hospital Management System is a software product suite designed to improve the quality and management of hospital management in the areas of clinical process analysis and activity-based costing. Hospital Management System enables you to develop your organization and improve its effectiveness and quality of work. Managing the key processes efficiently is critical to the success of the hospital helps you manage your processes.

- **SCOPE :**

- 1.Information about Patients is done by just writing the Patients name, Illness and contain their UNIQUE ID .Whenever the Patient comes up his information is stored freshly.
- 2.Bills are generated by recording price for each facility provided to Patient on a separate sheet and at last they all are summed up.
- 3.Diagnosis information to patients is generally recorded on the document, which contains Patient information. It is destroyed after some time period to decrease the paper load in the office.
- 4.Immunization records of children are maintained in pre-formatted sheets, which are kept in a file.
- 5.Information about various diseases is not kept as any document. Doctors themselves do this job by remembering various medicines.

- **PROBLEM STATEMENT:**

To keep Record of all patients when they are checking IN. The Original Information is added into file and it will store data permanently. Each record of patient will display Name of that patient, illness of that patient and also will give them a unique ID for further records checking. Only admin can login and can Insert or Modify Record. Patient can access their Record and Other also but they cannot insert or modify record.

## **SYSTEM REQUIREMENTS:-**

- **SOFTWARE : (REQUIRED AS PER OPERATING SYSTEM)**

### **1. Windows :**

Dev CPP  
Turbo C

### **2. Linux :**

Geany

- **HARDWARE REQUIREMENTS :**

**PROCESSOR : Intel Dual Core or Equivalent (>1.40GHz)**

**RAM : 256MB**

**HARD DISK : 2GB OF FREE SPACE REQUIRED**

- **SYSTEM IMPLEMENTATION**

**MODULE :**

- 1. Admin login.**
- 2. User Entry.**

**Admin login:-**

**It is the most powerful user of the system.**

- There will be only one admin into the system.
- The admin can create and manage all other user accounts. He / she can delete any account according to need.
- The admin can monitor all the activities of the hospital. Whatever is going on into the hospital, will be available in the admin panel.

**USER Entry:-**

- User can see all record and can also insert any data.
- Can check data of all patient .
- Cannot modify or upadate account.



## ● CODE:

```
/*
Project Title : Hospital Management.
Project Created By :
Shaikh Manzar <16CO50>
Mulla Shoaib <16CO42>
Pathan Yunus <16CO43>
Project Createn On 20/10/2017.
*/

#include<stdio.h>
#include<stdlib.h>
#include<string.h>
#define max 50
float TotalAmount=0;

typedef struct hm{ //declaration of structure
    char name[20];
    int age;
    int priority;
    int patientUniqueID;
    struct hm *next;
}node;

void CDP(){
FILE *fp;
fp=fopen("Data.txt", "a");
fprintf(fp, "\n\tSomeone Check's Type Of Disease Healed in Aiktc Hospital\n");
fclose(fp);
printf("\n\n");
    printf("Priority\t\tDisease Name\n");
    printf("1\t\tHeart Attack\n");
    printf("2\t\tKidney Failure\n");
    printf("3\t\tBrain Disease\n");
    printf("4\t\tBone Fracture\n");
    printf("5\t\tMalaria\n");
    printf("6\t\tDengue\n");
    printf("7\t\tTyphoid\n");
    printf("8\t\tFever\n");
    printf("9\t\tHead Ache\n");
    printf("10\t\tStomach Ache\n");
    printf("\n\n");

} //cdp end
```

```

int fill(){
printf("\n\n");
    int choice;
    while(1){
        printf("\t\tEnter choice\n");
        printf("\t\t1.Heart Attack\n");
        printf("\t\t2.Kidney Failure\n");
        printf("\t\t3.Brain Disease\n");
        printf("\t\t4.Bone Fracture\n");
        printf("\t\t5.Malaria\n");
        printf("\t\t6.Dengue\n");
        printf("\t\t7.Typhoid\n");
        printf("\t\t8.Fever\n");
        printf("\t\t9.Head Ache\n");
        printf("\t\t10.Stomach Ache\n");
        scanf("%d",&choice);
    printf("\n\n");
        if(choice>10)
            printf("\t\twrong input...please enter again\n");
        else
            return choice;
    }
} //fill end

```

```

void display(node *head){
FILE *fp;
fp=fopen("Data.txt","a");
fprintf(fp,"\n\tSomeone Check's All Patient Detail\n");
fclose(fp);
printf("\n\n");
    node *p;
    int x;
    printf("UNIQUE ID\tNAME\tAGE\tDISEASE\n");
    for(p=head;p!=NULL;p=p->next){
        printf("%d\t\t",p->patientUniqueID);
        printf("%s\t",p->name);
        printf("%d\t",p->age);
        x=p->priority;
        switch(x){
            case 1:printf("Heart Attack\t");
                    break;
            case 2:printf("Kidney Failure\t");
                    break;
            case 3:printf("Brain Disease\t");
                    break;

```

```

        case 4:printf("Bone Fracture\t");
        break;
        case 5:printf("Malaria\t");
        break;
        case 6:printf("Dengue\t");
        break;
        case 7:printf("Typhoid\t");
        break;
        case 8:printf("Fever\t");
        break;
        case 9:printf("Head Ache\t");
        break;
        case 10:printf("Stomach Ache\t");
        break;
    }
    printf("\n");
}
printf("\n\n");
} //diplay end here

node *AddPatient(node *head){
char disease[15];
FILE *fp;
fp=fopen("Data.txt","a");
printf("\n\n");
    node *p,*temp;
    p=(node*)malloc(sizeof(node));
    int x,y,num;
    temp=head;
    p->next=NULL;
    if(temp==NULL){
        fprintf(fp,"New Day\n\tUniqueID\tName\tAge\tDisease\n\n");
        fclose(fp);
    }
while(1){
    printf("ENTER TODAYS DATE AND MONTH....UNIQUE NO WILL
GENERATE AUTOMATICALLY\n");
    scanf("%d",&num);
    if(num/10000==0)
        break;
    else
        printf("WRONG FORMAT...Please Enter Again\n");
}

    printf("ENTER PATIENT NAME\n");
    scanf("%s",p->name);
    printf("ENTER PATIENT AGE\n");
    scanf("%d",&x);

```

```

num=(num*100)+x;
p->patientUniqueID=num;
    p->age=x;
    printf("ENTER CHOICE (WITH HIGHEST PRIORITY ON TOP AND
LOWEST ON BOTTOM)\n");
    y=fill();
    p->priority=y;
switch(y){
    case 1:fp=fopen("Data.txt","a");
        fprintf(fp,"\n\t%d\t\t\t\t\tHeart Attack.....Added\n",p-
>patientUniqueID,p->name,p->age);
        fclose(fp);
            break;
        case 2:fp=fopen("Data.txt","a");
            fprintf(fp,"\n\t%d\t\t\t\t\tKidney Failure.....Added\n",p-
>patientUniqueID,p->name,p->age);
            fclose(fp);
                break;
        case 3:fp=fopen("Data.txt","a");
            fprintf(fp,"\n\t%d\t\t\t\t\tBrain Disease.....Added\n",p-
>patientUniqueID,p->name,p->age);
            fclose(fp);
                break;
        case 4:fp=fopen("Data.txt","a");
            fprintf(fp,"\n\t%d\t\t\t\t\tBone Fracture.....Added\n",p-
>patientUniqueID,p->name,p->age);
            fclose(fp);
                break;
        case 5:fp=fopen("Data.txt","a");
            fprintf(fp,"\n\t%d\t\t\t\t\tMalaria.....Added\n",p-
>patientUniqueID,p->name,p->age);
            fclose(fp);
                break;
        case 6:fp=fopen("Data.txt","a");
            fprintf(fp,"\n\t%d\t\t\t\t\tDengue.....Added\n",p-
>patientUniqueID,p->name,p->age);
            fclose(fp);
                break;
        case 7:fp=fopen("Data.txt","a");
            fprintf(fp,"%d\t\t\t\t\tTyphoid.....Added\n\t",p-
>patientUniqueID,p->name,p->age);
            fclose(fp);
                break;
        case 8:fp=fopen("Data.txt","a");
            fprintf(fp,"\n\t%d\t\t\t\t\tFever.....Added\n",p-
>patientUniqueID,p->name,p->age);
            fclose(fp);
                break;

```

```

        case 9:fp=fopen("Data.txt","a");
        fprintf(fp,"\n\t%d\t\t%s\t%d\tHead Ache.....Added\n",p-
>patientUniqueID,p->name,p->age);
        fclose(fp);
        break;
        case 10:fp=fopen("Data.txt","a");
        fprintf(fp,"\n\t%d\t\t%s\t%d\tStomach Ache.....Added\n",p-
>patientUniqueID,p->name,p->age);
        fclose(fp);
        break;
    }
    printf("\n\n");
    if(head==NULL || y<head->priority){
        p->next=head;
        head=p;
        return head;
    }
    else{
        while(temp->next!=NULL && y>temp->next->priority)
            temp=temp->next;
        p->next=temp->next;
        temp->next=p;
    }
    return head;
}

```

```

int NoOfPatient(node *head){
    FILE *fp;
    fp=fopen("Data.txt","a");
    fprintf(fp,"\n\tSomeone Check's Number Of Patient Present In Aiktc Hospital\n");
    fclose(fp);
    printf("\n\n");
    node *p;
    int x=0;
    for(p=head;p!=NULL;p=p->next){
        x++;
    }
    printf("\n\n");
    return x;
}

```

```

void FirstTen(node *head){
    FILE *fp;
    fp=fopen("Data.txt","a");
    fprintf(fp,"\n\tSomeone Check's First 10 Series Patient in Aiktc Hospital\n");
    fclose(fp);
}

```

```

printf("\n\n");
node *p;
int i,x;
    for(p=head;p!=NULL;p=p->next){
        printf("%d\t",p->patientUniqueID);
        printf("%s\t",p->name);
        printf("%d\t",p->age);
        x=p->priority;
        switch(x){
            case 1:printf("Heart Attack\t");
            break;
            case 2:printf("Kidney Failure\t");
            break;
            case 3:printf("Brain Disease\t");
            break;
            case 4:printf("Bone Fracture\t");
            break;
            case 5:printf("Malaria\t");
            break;
            case 6:printf("Dengue\t");
            break;
            case 7:printf("Typhoid\t");
            break;
            case 8:printf("Fever\t");
            break;
            case 9:printf("Head Ache\t");
            break;
            case 10:printf("Stomach Ache\t");
            break;
        }
        printf("\n");
        i++;
        if(i>10)
            break;
    }
printf("\n\n");
}

```

```

int AmountPaid(int no){
printf("\n\n");
switch(no){
case 1:printf("Your Amount for Heart Attack is 69000/-\n");
return(69000);
case 2:printf("Your Amount for Kidney Failure is 52000/-\n");
return(52000);
case 3:printf("Your Amount for Brain Disease is 48000/-\n");
return(48000);

```

```
case 4:printf("Your Amount for Bone Fracture is 39000/-\n");
return(39000);
case 5:printf("Your Amount for Malaria is 30000/-\n");
return(30000);
case 6:printf("Your Amount for Dengue is 26000/-\n");
return(26000);
case 7:printf("Your Amount for Typhoid is 18000/-\n");
return(18000);
case 8:printf("Your Amount for Fever is 12000/-\n");
return(12000);
case 9:printf("Your Amount for Head Ache is 3000/-\n");
return(3000);
case 10:printf("Your Amount for Stomach Ache is 1000/-\n");
return(1000);
}
}
```

```
node *DischargeHighestPriority(node *head){
FILE *fp;
printf("\n\n");
node *p;
int no,conf,x;
float tax,sum;
int opt;
p=head;
printf("Discharged Patient is\n");
printf(" %d\t",p->patientUniqueID);
printf(" %s\t",p->name);
printf(" %d\t",p->age);
x=p->priority;
switch(x){
case 1:printf("Heart Attack\t");
break;
case 2:printf("Kidney Failure\t");
break;
case 3:printf("Brain Disease\t");
break;
case 4:printf("Bone Fracture\t");
break;
case 5:printf("Malaria\t");
break;
case 6:printf("Dengue\t");
break;
case 7:printf("Typhoid\t");
break;
case 8:printf("Fever\t");
break;
```

```

        case 9:printf("Head Ache\t");
        break;
        case 10:printf("Stomach Ache\t");
        break;
    }
    printf("\n");
    no=AmountPaid(x);
    printf("\n\n");
    tax=no*18/100;
    sum=no+tax;
    printf("Your Total Amount is %d + %.2f(18 percent G.S.T) = %.2f\n",no,tax,sum);
    printf("Do You Want To pay %.2f\n1 for yes and 0 for no\n",sum);
    scanf("%d",&opt);

    if(opt==1){
        printf("Enter Patient Unique ID\n");
        while(1){
            scanf("%d",&conf);
            if(conf==p->patientUniqueID){
                fp=fopen("Data.txt","a");
                fprintf(fp,"\n\tUniqueID(%d) Named %s Has Been Discharged with Amount
%f Paid Sucessfully\n\n",p->patientUniqueID,p->name,sum);
                fclose(fp);
                printf("Payment Successfull\n");
                TotalAmount=TotalAmount+sum;
                head=head->next;
                free(p);
                return head;
            }
            else{
                printf("Unique ID not match.....Enter Again\n");
            }
        }
    }
    else{
        fp=fopen("Data.txt","a");
        fprintf(fp,"\n\tSomeone Tried To Discharge %s With UniqueID:%d....But
DisCharge Uncessfull\n\t",p->name,p->patientUniqueID);
        fclose(fp);
        printf("Patient will Not Discharge Until Cash Paid\n");
        return head;
    }
}

```

```

void MyAdmin(){
    FILE *fp;
    int i=0;

```



```

char ch;
char password[10],recovery[8]={'A','i','k','t','c','H','o','s'};
printf("Enter your password. Hit ENTER to confirm.\n");
    printf("Password:");
while(1){
scanf("%s",password);
if(strlen(password)==8){ //Staff Must Enter "AiktcHos" (case sensitive)
break;
}
else{
printf("Password must contain 8 character...Enter Again\n");
i=0;
}
}
for(i=0;i<8;i++){
if(password[i]!=recovery[i])
break;
}
i--;
if(i==7){
    fp=fopen("Data.txt","a");
    fprintf(fp,"\n\tOne Staff Member has Visited Admin....And Total Amount
Collected Was %f\n\n",TotalAmount);
    fclose(fp);
printf("Welcome to Admin Page\n");
printf("Todays Total Collection is %.2f",TotalAmount);
printf("\n\n");
}
else{
    fp=fopen("Data.txt","a");
    fprintf(fp,"\n\tSomeone's Enter Wrong Password In Admin\n");
    fclose(fp);
printf("Password is Incorrect...Bye..Bye.....No Hospital Is Not A Place For Thief\n");
printf("\n\n");
}
}
}

```

```

int main(){
    int choice,no,count=0,firstchoice;
    node *head;
    head=NULL;
    printf("\t\t\t*****WELCOME TO AIKTC HOSPITAL*****\n");
while(1){
printf("1.Hospital staff\n2.Patient Family\n3.exit\n");
scanf("%d",&firstchoice);
switch(firstchoice){
case 1:MyAdmin();

```

```

break;
case 2:while(1){
    printf("\t\tEnter Choice\n");
    printf("1.Type Of Disease Healed Over Here With Priority\n2.Add
Patient\n3.Number Of Patient Present In Hospital\n4.Check Patient Detail\n5.Serious
Patients    \n6.Discharge Patient who has Highest Priority\n7.Take Control FLOW To
Staff Member\n8.Exit\n");
    printf("INPUT->::");
    scanf("%d",&choice);
    switch(choice){
        case 1:CDP();
        break;
        case 2:
            if(count<=max){
                head=AddPatient(head);
                count++;
            }
            else
                printf("No More Beds Available.....Maximum Number of Patient In
Hospital Is %d\n",max);
            break;
        case 3:no=NoOfPatient(head);
        printf("NO OF PATIENT PRESENT IN HOSPITAL IS %d\n",no);
        break;
        case 4:display(head);
        break;
        case 5:if(count>9){
            printf("Here Are The 10 Patient\n");
            FirstTen(head);
        }
        else{
            printf("There are Only %d patient present in Hospital...Come Again
When Hospital Got Some Popularity\n",count);
        }
        break;
        case 6:head=DischargeHighestPriority(head);
        count--;
        break;
        case 7:MyAdmin();
        case 8:exit(0);
    }
}
case 3:exit(0);
}
}
}

```

## ● SCREENSHOTS :

```
manzars@Manzar-PC ~/Downloads
File Edit View Search Terminal Help
manzars@Manzar-PC ~/Music $ cd
manzars@Manzar-PC ~ $ cd Downloads/
manzars@Manzar-PC ~/Downloads $ gcc qwerty.c -o abc
manzars@Manzar-PC ~/Downloads $ ./abc
*****WELCOME TO AIKTC HOSPITAL*****
1.Hospital staff
2.Patient Family
3.exit
1
Enter your password. Hit ENTER to confirm.
Password:aiktcqe
Password is Incorrect...Bye..Bye.....No Hospital Is Not A Place For Thief

1.Hospital staff
2.Patient Family
3.exit
1
Enter your password. Hit ENTER to confirm.
Password:Aiktc
Password must contain 8 character....Enter Again
AiktcHos
Welcome to Admin Page
Todays Total Collection is 0.00

1.Hospital staff
2.Patient Family
3.exit
1
```

```
manzars@Manzar-PC ~/Downloads
File Edit View Search Terminal Help
Password:Aiktc
Password must contain 8 character....Enter Again
AiktcHos
Welcome to Admin Page
Todays Total Collection is 0.00

1.Hospital staff
2.Patient Family
3.exit
2
Enter Choice
1.Type Of Disease Healed Over Here With Priority
2.Add Patient
3.Number Of Patient Present In Hospital
4.Check Patient Detail
5.Serious Patients
6.Discharge Patient who has Highest Priority
7.Take Control Flow To Staff Member
8.Exit
INPUT->:1

Priority      Disease Name
1            Heart Attack
2            Kidney Failure
3            Brain Disease
4            Bone Fracture
5            Malaria
6            Dengue
7            Typhoid
8            Fever
9            Head Ache
10           Stomach Ache

Enter Choice
1.Type Of Disease Healed Over Here With Priority
2.Add Patient
3.Number Of Patient Present In Hospital
4.Check Patient Detail
5.Serious Patients
6.Discharge Patient who has Highest Priority
7.Take Control Flow To Staff Member
8.Exit
INPUT->:1
```

```
manzars@Manzar-PC ~/Downloads
File Edit View Search Terminal Help
2.Add Patient
3.Number Of Patient Present In Hospital
4.Check Patient Detail
5.Serious Patients
6.Discharge Patient who has Highest Priority
7.Take Control Flow To Staff Member
8.Exit
INPUT->:2

ENTER TODAYS DATE AND MONTH....UNIQUE NO WILL GENERATE AUTOMATICALLY
1212
ENTER PATIENT NAME
yusuf
ENTER PATIENT AGE
18
ENTER CHOICE (WITH HIGHEST PRIORITY ON TOP AND LOWEST ON BOTTOM)

Enter choice
1.Heart Attack
2.Kidney Failure
3.Brain Disease
4.Bone Fracture
5.Malaria
6.Dengue
7.Typhoid
8.Fever
9.Head Ache
10.Stomach Ache

4

Enter Choice
1.Type Of Disease Healed Over Here With Priority
2.Add Patient
3.Number Of Patient Present In Hospital
4.Check Patient Detail
5.Serious Patients
6.Discharge Patient who has Highest Priority
7.Take Control Flow To Staff Member
8.Exit
INPUT->:1
```

```
manzars@Manzar-PC ~/Downloads
File Edit View Search Terminal Help
2.Add Patient
3.Number Of Patient Present In Hospital
4.Check Patient Detail
5.Serious Patients
6.Discharge Patient who has Highest Priority
7.Take Control Flow To Staff Member
8.Exit
INPUT->:2

ENTER TODAYS DATE AND MONTH....UNIQUE NO WILL GENERATE AUTOMATICALLY
1304
ENTER PATIENT NAME
manzar
ENTER PATIENT AGE
17
ENTER CHOICE (WITH HIGHEST PRIORITY ON TOP AND LOWEST ON BOTTOM)

Enter choice
1.Heart Attack
2.Kidney Failure
3.Brain Disease
4.Bone Fracture
5.Malaria
6.Dengue
7.Typhoid
8.Fever
9.Head Ache
10.Stomach Ache

3

Enter Choice
1.Type Of Disease Healed Over Here With Priority
2.Add Patient
3.Number Of Patient Present In Hospital
4.Check Patient Detail
5.Serious Patients
6.Discharge Patient who has Highest Priority
7.Take Control Flow To Staff Member
8.Exit
INPUT->:1
```

```
manzars@Manzar-PC ~/Downloads
File Edit View Search Terminal Help
2.Add Patient
3.Number Of Patient Present In Hospital
4.Check Patient Detail
5.Serious Patients
6.Discharge Patient who has Highest Priority
7.Take Control Flow To Staff Member
8.Exit
INPUT->::2

ENTER TODAYS DATE AND MONTH....UNIQUE NO WILL GENERATE AUTOMATICALLY
1508
ENTER PATIENT NAME
shoaib
ENTER PATIENT AGE
19
ENTER CHOICE (WITH HIGHEST PRIORITY ON TOP AND LOWEST ON BOTTOM)

Enter choice
1.Heart Attack
2.Kidney Failure
3.Brain Disease
4.Bone Fracture
5.Malaria
6.Dengue
7.Typhoid
8.Fever
9.Head Ache
10.Stomach Ache

5

Enter Choice
1.Type Of Disease Healed Over Here With Priority
2.Add Patient
3.Number Of Patient Present In Hospital
4.Check Patient Detail
5.Serious Patients
6.Discharge Patient who has Highest Priority
7.Take Control Flow To Staff Member
8.Exit
INPUT->::1
```

```
manzars@Manzar-PC ~/Downloads
File Edit View Search Terminal Help

Enter Choice
1.Type Of Disease Healed Over Here With Priority
2.Add Patient
3.Number Of Patient Present In Hospital
4.Check Patient Detail
5.Serious Patients
6.Discharge Patient who has Highest Priority
7.Take Control Flow To Staff Member
8.Exit
INPUT->::3

NO OF PATIENT PRESENT IN HOSPITAL IS 3
Enter Choice
1.Type Of Disease Healed Over Here With Priority
2.Add Patient
3.Number Of Patient Present In Hospital
4.Check Patient Detail
5.Serious Patients
6.Discharge Patient who has Highest Priority
7.Take Control Flow To Staff Member
8.Exit
INPUT->::4

UNIQUE ID      NAME      AGE      DISEASE
130417         manzar   17       Brain Disease
121218         yusuf    18       Bone Fracture
150819         shoaib   19       Malaria

Enter Choice
1.Type Of Disease Healed Over Here With Priority
2.Add Patient
3.Number Of Patient Present In Hospital
4.Check Patient Detail
5.Serious Patients
6.Discharge Patient who has Highest Priority
7.Take Control Flow To Staff Member
8.Exit
INPUT->::1
```



```
manzars@Manzar-PC ~/Downloads
File Edit View Search Terminal Help
2.Add Patient
3.Number Of Patient Present In Hospital
4.Check Patient Detail
5.Serious Patients
6.Discharge Patient who has Highest Priority
7.Take Control Flow To Staff Member
8.Exit
INPUT->::5
There are Only 3 patient present in Hospital...Come Again When Hospital Got Some Popularity
Enter Choice
1.Type Of Disease Healed Over Here With Priority
2.Add Patient
3.Number Of Patient Present In Hospital
4.Check Patient Detail
5.Serious Patients
6.Discharge Patient who has Highest Priority
7.Take Control Flow To Staff Member
8.Exit
INPUT->::6
Discharged Patient is
130417 manzar 17 Brain Disease
Your Amount for Brain Disease is 48000/-
Your Total Amount is 48000 + 8640.00(18 percent G.S.T) = 56640.00
Do You Want To pay 56640.00
1 for yes and 0 for no
1
Enter Patient Unique ID
130417
Payment Successfull
Enter Choice
1.Type Of Disease Healed Over Here With Priority
2.Add Patient
3.Number Of Patient Present In Hospital
4.Check Patient Detail
5.Serious Patients
6.Discharge Patient who has Highest Priority
7.Take Control Flow To Staff Member
8.Exit
INPUT->::
```

```
manzars@Manzar-PC ~/Downloads
File Edit View Search Terminal Help
Your Amount for Brain Disease is 48000/-
Your Total Amount is 48000 + 8640.00(18 percent G.S.T) = 56640.00
Do You Want To pay 56640.00
1 for yes and 0 for no
1
Enter Patient Unique ID
130417
Payment Successfull
Enter Choice
1.Type Of Disease Healed Over Here With Priority
2.Add Patient
3.Number Of Patient Present In Hospital
4.Check Patient Detail
5.Serious Patients
6.Discharge Patient who has Highest Priority
7.Take Control Flow To Staff Member
8.Exit
INPUT->::6
Discharged Patient is
121218 yusuf 18 Bone Fracture
Your Amount for Bone Fracture is 39000/-
Your Total Amount is 39000 + 7020.00(18 percent G.S.T) = 46020.00
Do You Want To pay 46020.00
1 for yes and 0 for no
0
Patient will Not Discharge Until Cash Paid
Enter Choice
1.Type Of Disease Healed Over Here With Priority
2.Add Patient
3.Number Of Patient Present In Hospital
4.Check Patient Detail
5.Serious Patients
6.Discharge Patient who has Highest Priority
7.Take Control Flow To Staff Member
8.Exit
INPUT->::
```

```
manzars@Manzar-PC ~/Downloads
File Edit View Search Terminal Help
1 for yes and 0 for no
1
Enter Patient Unique ID
130417
Payment Successfull
Enter Choice
1.Type Of Disease Healed Over Here With Priority
2.Add Patient
3.Number Of Patient Present In Hospital
4.Check Patient Detail
5.Serious Patients
6.Discharge Patient who has Highest Priority
7.Take Control Flow To Staff Member
8.Exit
INPUT->:6
Discharged Patient is
121218 yusuf 18 Bone Fracture
Your Amount for Bone Fracture is 39000/-
Your Total Amount is 39000 + 7020.00(18 percent G.S.T) = 46020.00
Do You Want To pay 46020.00
1 for yes and 0 for no
0
Patient will Not Discharge Until Cash Paid
Enter Choice
1.Type Of Disease Healed Over Here With Priority
2.Add Patient
3.Number Of Patient Present In Hospital
4.Check Patient Detail
5.Serious Patients
6.Discharge Patient who has Highest Priority
7.Take Control Flow To Staff Member
8.Exit
INPUT->:7
Enter your password. Hit ENTER to confirm.
Password:AiktcHos
Welcome to Admin Page
Todays Total Collection is 56640.00
manzars@Manzar-PC ~/Downloads $
```

## LOCAL DATABASE :

```
Data.txt (~/.Downloads)
File Edit View Search Tools Documents Help
Someone's Enter Wrong Password In Admin
One Staff Member has Visited Admin....And Total Amount Collected Was 0.000000
Someone Check's Type Of Disease Healed in Aiktc Hospital
New Day
UniqueID Name Age Disease
121218 yusuf 18 Bone Fracture.....Added
130417 manzar 17 Brain Disease.....Added
150819 shoaib 19 Malaria.....Added
Someone Check's Number Of Patient Present In Aiktc Hospital
Someone Check's All Patient Detail
UniqueID(130417) Named manzar Has Been Discharged with Amount 56640.000000 Paid Sucessfully
Someone Tried To Discharge yusuf With UniqueID:121218....But DisCharge Unsuccessfull
One Staff Member has Visited Admin....And Total Amount Collected Was 56640.000000
Plain Text Tab Width: 4 Ln 25, Col 85 INS
```

## **Conlusion :**

Nowadays the entry of record is becoming difficult on register and anyone could access data and modify it .Register book is difficult maintain and manage . Can be easily be damaged or destroyed.

But with the help of program we could all this above inconvenience.

- Can be run on any Computer.
- It will store all data on computer as a Database.
- Can be accessed only by the Admin also by patient.

## **● REFERENCE:**

[www.mycodeschool.com](http://www.mycodeschool.com)