

Project

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#include <stdio.h>
#include <stdlib.h>
#include <string.h>
#include <windows.h>

typedef struct voter_information
{
    char aadhar[20];
    char name[50];
    char birth_date[15];
    struct voter_information *next;
} node;

node *head;
node *space,*start=NULL;
node *search(char x[],char y[],char z[],node *,int *);
node *voter_insert(node *);
node *main_logs(node *);
void admin();
void winner();
void exi();
void voting();
void not_again();
void stop();
void show();

int count=0,R=3,vote=0;
int vote1=0,vote2=0,vote3=0,vote4=0,vote5=0;
int main()
{
    while(1){

        system("cls");
        printf("\n\n\n");
        printf("\t          ***** WELCOME TO THE ONLINE VOTING PORTAL
*****          \n\n");

        printf("\t
*****
\n\n\n\n\n");
        printf("\t          \t\t *****Please Enter One(1) for logging vote main
Logs*****          \n\n\n");
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int BB;

scanf("%d", &BB);
if (BB==1)
{
    start= main_logs(start);
}

}

return 0;
}

node *main_logs(node *start)
{
    system("cls");
    printf("\n\n\n");
    printf("        \t\t\t1. FOR VOTE ENTRY        \n");
    Sleep(300);
    printf("        \t\t\t2. FOR ADMIN PANEL        \n");
    Sleep(300);
    printf("        \t\t\t3. FOR WINNER            \n");
    printf("        \t IF YOUR CREDENTIALS MATCHES WITH THOSE IN THE VOTER
LIST THEN ONLY YOU CAN GIVE YOUR VOTE OTHERWISE YOU CAN NOT
\n\n\n");
    Sleep(500);
    printf("        \t *****So Plz Enter*****\n\n\n");
    int T;
    scanf("%d", &T);
    if (T==1)
    {
        start= voter_insert(start);
    }
    if (T==2)
    {
        admin();
    }
    if (T==3)
    {
        winner();
    }
    if (T!=1 || T!=2 || T!=3)
    {
        main_logs(start);
    }
}

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    }

    return start;
}

node *voter_insert(node *start)
{
    int UNIVERSAL=0;
    int *z;
    z = &UNIVERSAL;
    node *temp;
    char name[50],birth_date[15],aadhar[20];
    system("cls");
    printf("\n\n\n\n");
    printf("\t IF AADHAR ID, YOUR NAME AND YOUR DATE OF BIRTH MATCHES
THEN YOU CAN GIVE YOUR VOTE OTHERWISE NOT\n\n");
    Sleep(300);
    printf("\t\t\t ID YOU DO WRONG %d TIMES, THE PORTAL WILL BE CLOSED
AUTOMATICALLY\n\n\n",R);
    Sleep(300);
    printf("\t\tPlease \n");
    Sleep(300);
    printf("\t\t\tEnter your AADHAR ID number  ");
    gets(aadhar);
    gets(aadhar);
    printf("\t\t\tEnter Your NAME  ");
    gets(name);
    printf("\t\t\tEnter Your BIRTH DATE  in dd-mm-yyyy format");
    gets(birth_date);
    temp=(node *)malloc(sizeof(node));
    strcpy(temp->aadhar,aadhar);
    strcpy(temp->name,name);
    strcpy(temp->birth_date,birth_date);
    temp->next=NULL;
    head=temp;
    while(temp!=NULL)
    {
        if((strcmp(temp->aadhar,"10001")==0&& strcmp(temp->name,"Rajat
Kumar")==0 &&strcmp(temp->birth_date,"31-03-1999")==0) ||
        (strcmp(temp->aadhar,"10002")==0&& strcmp(temp->name,"Goutam
Kumar Bhadani")==0 &&strcmp(temp->birth_date,"01-01-1999")==0) ||

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        (strcmp(temp->aadhar,"10003")==0&& strcmp(temp->name,"Gautam
Kumar")==0 &&strcmp(temp->birth_date,"12-10-1999")==0) ||
        (strcmp(temp->aadhar,"10004")==0&& strcmp(temp->name,"Kundan
Kumar")==0 &&strcmp(temp->birth_date,"08-12-1999")==0) ||
        (strcmp(temp->aadhar,"10005")==0&& strcmp(temp->name,"Aniket
Arora")==0 &&strcmp(temp->birth_date,"28-08-1999")==0) ||
        (strcmp(temp->aadhar,"10006")==0&& strcmp(temp->name,"Dipika
Singh")==0 &&strcmp(temp->birth_date,"20-10-2000")==0) ||
        (strcmp(temp->aadhar,"10007")==0&& strcmp(temp->name,"Avinash
Kumar")==0 &&strcmp(temp->birth_date,"02-03-1999")==0) ||
        (strcmp(temp->aadhar,"10008")==0&& strcmp(temp->name,"Ravi
Raj")==0 &&strcmp(temp->birth_date,"26-12-1999")==0) ||
        (strcmp(temp->aadhar,"10009")==0&& strcmp(temp->name,"Shubham
Kumar")==0 &&strcmp(temp->birth_date,"02-01-1999")==0) ||
        (strcmp(temp->aadhar,"10010")==0&& strcmp(temp->name,"Subham
Kumar")==0 &&strcmp(temp->birth_date,"03-01-1999")==0))
    {
        R=3;

start=search(temp->aadhar,temp->name,temp->birth_date,start,&UNIVERSAL)
;

        if (UNIVERSAL==0)
        {
            voting();
        }
        else
        {
            not_again();
        }
    }
    else
    {
        R--;
        if (R==0)
        {
            stop();
            break;
        }
        printf("\n\n\n\n");
        printf("\tYour AADHAR ID or NAME or DATE OF BIRTH is
wrong\n\n");
    }
}

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        Sleep(300);
        printf("\t\t\tPlz Re-Enter\n\n");
        Sleep(300);
        system("pause");
        start= main_logs(start);
    }
    temp=temp->next;
}

return start;
}

void voting()
{
    system("cls");
    printf("\n\n\n\n");
    printf("\t\t\t* * * * * LIST OF CANDIDATES * * * * * \n\n\n");
    Sleep(300);
    printf("\t\t\tNAME\t\t\t& THEIR RESPECTIVE\t\t\tSYMBOL\n\n");
    Sleep(300);
    printf("\t\t\t1.Mamata Banerjee\t\t\t1.Fish\n");
    Sleep(300);
    printf("\t\t\t2.Deepa Dasmunsi\t\t\t2.Boat\n");
    Sleep(300);
    printf("\t\t\t3.Protima Rajak\t\t\t3.Motorcycle\n");
    Sleep(300);
    printf("\t\t\t4.Joydeb Halder\t\t\t4.Broomstick\n");
    Sleep(300);
    printf("\t\t\t5.Kartik Chandra Ghosh\t\t\t5.Wheel\n\n\n");

    int B,j;
    printf("\t\t\tPlzz, \n");
    printf("\t\t\tEnter Your Choice \n");
    for(j=1;j<=1;j++)
    {
        scanf("%d",&B);

        if(B==1)
        {
            votel++;

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printf("\n\n\t\t\t\t\tYOU HAVE SUCCESSFULLY GIVEN YOUR
VOTE TO MAMTA BANERJEE\n");
break;
}
if (B==2)
{
vote2++;
printf("\n\n\t\t\t\t\tYOU HAVE SUCCESSFULLY GIVEN YOUR
VOTE TO DEEPA DASMUNSI\n");
break;
}
if (B==3)
{
vote3++;
printf("\n\n\t\t\t\t\tYOU HAVE SUCCESSFULLY GIVEN YOUR
VOTE TO PROTIMA RAJAK\n");
break;
}
if (B==4)
{
vote4++;
printf("\n\n\t\t\t\t\tYOU HAVE SUCCESSFULLY GIVEN YOUR
VOTE TO JOYDEB HALDER\n");
break;
}
if (B==5)
{
vote5++;
printf("\n\n\t\t\t\t\tYOU HAVE SUCCESSFULLY GIVEN YOUR
VOTE TO KARTIK CHANDRA GHOSH\n");
break;
}
if (B!=1 || B!=2 || B!=3 || B!=4 || B!=5)
{
printf("\n\t\t\t***** INVALID CHOICE
ENTERED*****\n");
printf("\n\t\t\tENTER AGAIN\n");
}
}

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    }

    printf("\n\n*****THANK
YOU*****\n\n");

    printf("press any key");

    getch();
}

void admin()
{
    int B;

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

    printf("\t\t\t\t\tEnter Your Password To Unlock The Admin
Panel\n\n");

    scanf("%d", &B);

    if(B==3692)
    {
        show();

    }
    else
    {
        printf("Wrong Password\n");

    }
}

void show()
{
    int G;

    system("cls");

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

    printf("\t\t\t\t\tPresent Vote Count : \n\n");

    Sleep(500);

    printf("\t\t\t\t\t Mamata Banerjee is on      %d Votes\n", vote1);

    Sleep(500);

    printf("\t\t\t\t\t Deepa Dasmunsi is on      %d Votes\n", vote2);

    Sleep(500);

    printf("\t\t\t\t\t Protima Rajak is on      %d Votes\n", vote3);

    Sleep(500);

    printf("\t\t\t\t\t Joydeb Halder is on      %d Votes\n", vote4);

    Sleep(500);
}

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printf("\t\t\t Kartik Chandra Ghosh is on %d\n", vote5);  
Sleep(500);  
  
printf("\t\t\t\tEnter Any Key For Main Log\n\n\t\t\t\tOR\n\n\t\t\t\tENTER THE SPECIAL PASSWORD TO CLOSING VOTING PORTAL\n ");  
scanf("%d", &G);  
if(G==1234)  
    exit();  
else  
    main_logs(start);  
}  
  
void winner()  
{  
    system("cls");  
    printf("\n\n\n\n");  
    if(vote2<vote1 && vote3< vote1 && vote4<vote1 && vote5<vote1)  
        printf("\t\t\tThe present Winner is Mamata Banerjee and she has got %d votes\n\n\n\n", vote1);  
  
    if(vote1<vote2 && vote3< vote2 && vote4<vote2 && vote5<vote2)  
        printf("\t\t\tThe present Winner is Deepa Dasmunsi and she has got %d votes\n\n\n\n", vote2);  
  
    if(vote1<vote3 && vote2< vote3 && vote4<vote3 && vote5<vote3)  
        printf("\t\t\tThe present Winner is Protima Rajak and she has got %d votes\n\n\n\n", vote3);  
  
    if(vote1<vote4 && vote2< vote4 && vote3<vote4 && vote5<vote4)  
        printf("\t\t\tThe present Winner is Joydeb Halder and he has got %d votes\n\n\n\n", vote4);  
  
    if(vote1<vote5 && vote2< vote5 && vote3<vote5 && vote4<vote5)  
        printf("\t\t\tThe present Winner is Kartik Chandra Ghosh and he has got %d votes\n\n\n\n", vote5);  
  
    printf("\t\t\t\tEnter Any Key for Main Log\n\n");  
    getch();  
    main_logs(start);
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    }

    void stop()
    {
        system("cls");

        printf("\n\n\n\n");
        printf("\t\t\t (:-SORRY YOU ENTERED WRONG CREDENTIALS FOR
THREE(3) TIMES IN A ROW -:) \n\n\n");
        Sleep(500);
        printf("\t\t\t Plz try again After A few Moment\n\n\n");
        Sleep(500);
        printf("\t\t\t * * *Thank You* * * \n\n\n");
        Sleep(500);
        printf("press any key");
        getch();
    }

    void not_again()
    {
        int A;
        system("cls");
        printf("\n\n\n\n");
        printf("\t\t\t ***YOU HAVE GIVEN YOUR VOTE
SUCCESSFULLY*** \n\n\n");
        Sleep(300);
        printf("\t\t\t ***YOU CANNOT GIVE YOUR VOTE MORE THAN
ONCE*** \n\n\n");
        Sleep(300);
        printf("\t\t\t If You want to see present winner Enter One(1)
or Enter Any Other Key for Main Logs\n\n\n");
        Sleep(300);

        scanf("%d",&A);
        if(A==1)
        {
            winner();
        }
        else
        {
            main_logs(start);
        }
    }
}

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    }
}

void exi()
{
    system("cls");

    printf("\n\n\n\n\n");
    Sleep(500);
    printf("\t\t\t\t\t ***YOU ARE NOW EXITING THE PORTAL***\n\n\n");
    Sleep(1000);
    printf("\t\t\t\t\t * * *Thank You For Using This ONLINE PLATFORM For VOTING* * *\n\n\n");
    Sleep(1000);
    exit(0);
}

node *search(char x[], char y[], char z[], node *start, int *Y)
{
    *Y=0;

    node *t, *space;
    if(start==NULL)
    {
        space=(node*)malloc(sizeof(node));
        strcpy(space->aadhar,x);
        strcpy(space->name,y);
        strcpy(space->birth_date,z);

        start=space;
        space->next=NULL;
    }
    else
    {
        t=start;
        while(t!=NULL)
        {
            if((strcmp(t->aadhar,x)==0&& strcmp(t->name,y)==0&&strcmp(t->birth_date,z)==0))
            {
                *Y=1;

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        break;
    }
    t=t->next;
}

if (*Y==0)
{

    space=(node*)malloc(sizeof(node));

    strcpy(space->aadhar,x);

    strcpy(space->name,y);

    strcpy(space->birth_date,z);
    t=space;
    space->next=NULL;

}
}

return start;
}
```