*SHRI VAISHNAV INSTITUTE OF INFORMATION TECHNOLOGY*



SHRI VAISHANV VIDHYAPEETH VISHWAVIDYALAYA

**PROJECT REPORT**

COLLEGE MANAGEMENT SYSTEM

DATED:

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College Management system

Project Report



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Disclaimer

This project is aimed at developing an online application for the College Management System of the college. This Software Requirements Specification document is a guideline. This system can be used as an application for the college to manage the student and employee information for the college management. This logging application should be able to upload their information about student, employee and their college record on the main page. It provides user friendly interface. The document details all the high-level requirements. The document also describes the broad scope of the project and high-level DB requirements are captured in the DB specification.

1.Scope

This document describes the scope of the requirements for the College Management System (CMS) for **McLaren College of IT**. The document details all the high-level requirements with intent to validate **McLaren College** of **IT**

requirements. The scope of the project involves the integration of a subset of all the components of current IT environment. The College Management System (CMS) should interface with the existing Student and Employee Management System.

We can store information of all the students and college record. College Management System is categorized into various sub-systems. Students and college can maintain their information and can update it. Notifications are sent to the students about the fests. Students and college can access previous information about college.

These are the following modules and forms are used:

1. Employee Record

2. Student Record

3. Fests

4. Admin

The system must maintain central data for all records. The scope of the project also involves the development of the interfaces with the existing Student and Employee Management Systems.

2. Objective of the Project

This project is invented for the college Management Systems of the student employee in college. The objective of the project is the solution for simplifying the entry process. The main objective of the College management System project is the following:

* Easy searching of the student, college, library & employee information.
* Increase high throughputs.
* Decrease overheads.
* To provide fast, accurate and consistent response.
* Proposed system is according to the current demand.

3.System Analysis

In earlier time, the college was using the manual system, which was based on the entries on the registers. The computerized integrated system from the existing system will have the following advantages:

* Handle volume of information
* Complexity of data processing
* Processing time constants
* Computational demands
* Security features

**Each of the application modules will have the following features:**

* Linking of information as an integrated centralised system
* Data entry
* Data updating and deletion

**4. System Objectives / Overview**

The diagram above explains the main conceptual elements in the solution and their relationships with the architecture. The College Management System (CMS) component interacts with the Student, Employee Management System and Fests System. These systems receive requests for student validation. The Authorized Employee will maintain college details through the system which in turn will be accessed by the registered students. The interface with the existing Student, Employee Management systems to validate and update information.

**4.1 Hardware Requirement Specifications**

|  |  |
| --- | --- |
| Processor | 1GHz |
| RAM | 512MB |
| Disk Space(minimum) |  |
| 32-bit | 850MB |
| 64-bit | 2GB |

**5. Product Features**

There are three different users who will be using this product:

* University chancellor who will be acting as the administrator.
* Faculty members who are second level users accessing UMS.
* Student of the University who will be accessing the UMS online. The features that are available to the Administrator are:
* The administrator has the full-fledged rights over the UMS.
* Can create/delete an account.
* Can view the accounts.
* Can change the password.
* Can hide any kind of features from the both of users.
* Insert/delete/edit the information of available on UMS.
* Can access all the accounts of the faculty members/students

The features available to the Faculty members are:

* Can update the marks of students online.
* Can view and modify its profile but can modify it to some limited range.

The features available to the Students are:

* Can view their marks.
* Can view and modify its profile but can modify it to some limited range.

**6. College Management System**

6.0 To Login

6.0.1 Input

Authorized College Employee, Registered students of the College feed in Username and Password.

6.0.2 Process

The system on receiving the details validates it with an interface with the Student and Employee Management System and provides role-based access to the CMS.

6.0.3 Output

System provides role-based access to the CMS.

**6.1 Student Management System:**

6.1.1 Input

Student interested in admission register on link available on the website or on the advertisements. Fill the form given on link. They required to fill some following details.

1. Name of student, Father name.

2. Contact number, E-mail, Address.

3. Qualification

6.1.2 Process

1. The college checks the details and short list the student for admission. The details of short-listed student save and available on the college website. He/ She can access the information and update the details filled at registration.
2. Full details of student are taken after the selection. Short listed student
3. personal details taken and if the student is selected then college send the auto-mail to the student.

6.1.3 Output

The selected students’ details save and update to the college database. After selection the college send the confirmation mail for confirm admission. And student gets the detail of branch and subject.

6.2 Employee Management System:

6.2.1 Input

Interested employee should register in provided link which is available on the

advertisement and pamphlets. They are required to fill some following details:

1. Name of the employee

2.Address

3.Email address

4.Phone number

5.Any experience earlier

6.Interested in which field

6.2.2 Process

The employee that has been short listed will come for a job recruitment, on the given time slot and their data has been saved on public college database system. After that he/she can interact with the college database. If an employee satisfies the need and has been selected for the particular job will get the confirmation mail for joining the job automatically.

6.2.3 Output

The system on receiving the details saves and update on database. After getting confirmation mail from college, the college confirm the job and give the job with their specialization subject and determine the subject of employee.

6.3 Event/Fest Management:

6.3.1 Input

Participants, Volunteers and Audience interested are required to fill a entry form consisting of few personal details including Name, Residential Address, Mobile No. & E-mail Address, select the activity in which you are interested

1) Splash and sing – The DJ Concert

2) Game of Codes – The programming competition

3) Events and Workshop – Spot Events and Workshops

4) Summer Training – Cloud Computing Workshop

6.3.2 Process

The system on receiving the details of interested candidates validates with the Event/Fest Management System and sends a confirmation mail, then confirm their slots or deserve their place.

6.3.3 Output

System provides following privileges based on your selection.

Participant - Sends Confirmation letter on screen and their slot no .

Audience - Destination of the events and their pass for entry and all the information of the event.

7. Database Schema

The proposed database schema is as follows:

1. Student Details:
   * 1. Enrollment ID (uniquely assigned by the system)
     2. Profile of Student
     3. Marks
     4. Attendance
2. **Employee Details:** 
   * 1. Employee ID (uniquely assigned by the system)
     2. Post
     3. Profile of Employee
     4. Update Marks of student
     5. Update Attendance of Student

1. **Fest Details:**
   * + 1. Calendar
       2. Recruitment
       3. Registration Fees

8. Test Cases

Sample Test cases for the login by Registered Student / Authorized Employee are as under based on the following inputs:

User-ID: 6 digit (mandatory)

Password: 6-10 characters (mandatory)

* After accepting these inputs, the user will be provided with access role-based access to the system (Authentication and Authorization)
  1. Administrators – To add student and employee records.
  2. Registered Employee –To add/update marks and attendance of students.
  3. Registered Students- To preview their updated records.
* Admin can access his account by using

Username: **itinshuk**

Password: **itinshuk**

**CODE OF PROJECT**

#include<conio.h>

#include<iostream.h>

#include<stdlib.h>

#include<graphics.h>

#include<stdio.h>

#include<string.h>

#include<dos.h>

#include<fstream.h>

void home();

void fest4();

void fest\_4();

void fest3();

void ex();

void stucon();

void constu();

void student();

void employee();

void empsign();

void admin();

void fest();

void tab();

void name();

void login();

void stusign();

void stucolor();

void empcolor();

void tabnav();

void festcolor();

void admincolor();

void adminselect();

void fest1();

void fest\_1();

void fest2();

void fest\_2();

void stutab();

void stuside();

void empside();

void stuper();

void empper();

void stuatt();

void empatt();

void stumarks();

void empstu();

void back();

void sturegist();

void empregist();

void logo();

void logout();

void logage();

void empmarks();

void empatt();

void logagee();

union REGS in,out;

struct mouse

{

int x,y,button;

};

mouse getcoordinates()

{

in.x.ax=3;

int86(51,&in,&out);

mouse a;

a.button=out.x.bx;

a.x=out.x.cx;

a.y=out.x.dx;

return a;

}

void callmouse()

{

in.x.ax=1;

int86(51,&in,&out);

}

void hidemouse()

{

in.x.ax=2;

int86(51,&in,&out);

}

struct stu

{

char Stu\_ID[12];

char name[30];

char fname[30];

char mname[30];

char dob[11];

char gender[7];

char branch[10];

char sem[2];

char email[30];

char mobile[11];

char em[11];

char address[50];

char city[10];

char state[20];

char pin[11];

int maths;

int physics;

int c;

int java;

int cmc;

int matt;

int patt;

int catt;

int jatt;

int cmcatt;

};

struct emp{

char Emp\_ID[12];

char name[30];

char dob[11];

char year[5];

char mobile[11];

char gen[8];

char mail[30];

char add[50];

char city[10];

char state[20];

char pin[7];

char subject[10];

};

char uname[20];

char pswd[20];

char a8[2];

char a2[2];

char a3[2];

char a4[2];

char a5[2];

char a6[2];

char a7[2];

void tabnav()

{

mouse a1;

a1.button=0;

while(!kbhit())

{

callmouse();

a1=getcoordinates();

if(a1.button==1)

{

hidemouse();

// cout<<a1.x<<a1.y;

if(a1.x>239 && a1.y>0 && a1.x<319 && a1.y<50)

{

home();

}

if(a1.x>319 && a1.y>0 && a1.x<399 && a1.y<50)

{

stucolor();

student();

}

if(a1.x>399 && a1.y>0 && a1.x<479 && a1.y<50)

{

employee();

}

if(a1.x>593 && a1.y>445 && a1.x<629 && a1.y<480)

{

fest();

}

if(a1.x>479 && a1.y>0 && a1.x<559 && a1.y<50)

{

admin();

}

if(a1.x>559 && a1.y>0 && a1.x<639 && a1.y<50)

{

fest();

}

if(a1.x>10 && a1.y>445 && a1.x<46 && a1.y<480)

{

exit(0);

}

}

}

}

void tab()

{

setfillstyle(SOLID\_FILL,DARKGRAY); //LOGO

rectangle(0,5,60,50);

floodfill(1,6,WHITE);

setfillstyle(SOLID\_FILL,BLUE);

rectangle(5,15,10,40);

floodfill(7,16,WHITE);

rectangle(15,15,20,27);

floodfill(16,16,WHITE);

rectangle(25,15,30,40);

floodfill(26,16,WHITE);

rectangle(35,15,40,20);

floodfill(36,18,WHITE);

rectangle(45,15,55,20);

floodfill(46,16,WHITE);

rectangle(45,23,50,40);

floodfill(46,26,WHITE);

setfillstyle(SOLID\_FILL,RED);

rectangle(35,27,40,40);

floodfill(36,28,WHITE);

setfillstyle(SOLID\_FILL,BLUE); //COLLEGENAME

line(60,5,140,5);

line(60,5,60,50);

line(60,50,140,50);

line(140,50,160,25);

line(140,5,160,25);

floodfill(61,45,WHITE);

settextstyle(1,0,1);

outtextxy(70,10,"McLaren");

settextstyle(2,0,4);

outtextxy(70,30,"College of IT");

setfillstyle(SOLID\_FILL,BLUE); //TABS

settextstyle(2,0,5);

line(239,0,239,65);

line(239,65,319,50);

line(319,0,319,50);

floodfill(240,1,WHITE);

line(319,0,319,65);

line(319,65,399,50);

line(399,0,399,50);

floodfill(320,1,WHITE);

line(399,0,399,65);

line(399,65,479,50);

line(479,0,479,50);

floodfill(400,1,WHITE);

line(479,0,479,65);

line(479,65,559,50);

line(559,0,559,50);

floodfill(480,1,WHITE);

line(559,0,559,65);

line(559,65,639,50);

line(639,0,639,50);

floodfill(560,1,WHITE);

}

void stutab()

{

rectangle(0,75,639,445);

setfillstyle(1,CYAN);

rectangle(0,75,120,445);

floodfill(1,76,WHITE);

setfillstyle(SOLID\_FILL,YELLOW);

line(0,100,80,100);

line(80,100,100,125);

line(100,125,80,150);

line(0,150,80,150);

floodfill(50,101,WHITE);

line(0,175,80,175);

line(0,225,80,225);

line(80,175,100,200);

line(100,200,80,225);

floodfill(50,176,WHITE);

line(0,250,80,250);

line(80,250,100,275);

line(100,275,80,300);

line(0,300,80,300);

floodfill(50,251,WHITE);

line(0,325,80,325);

line(80,325,100,350);

line(100,350,80,375);

line(0,375,80,375);

floodfill(50,351,WHITE);

setfillstyle(1,WHITE);

rectangle(120,75,639,445);

floodfill(121,76,WHITE);

}

void ex()

{

setfillstyle(SOLID\_FILL,BLUE); //EXIT

rectangle(10,445,46,480);

floodfill(11,479,WHITE);

rectangle(0,75,639,445);

setfillstyle(SOLID\_FILL,BLUE);

setcolor(BLUE);

line(10,445,46,445);

setcolor(WHITE);

line(10,445,28,422);

line(46,445,28,422);

floodfill(30,444,WHITE);

settextstyle(2,1,6);

outtextxy(18,435,"EXIT");

}

void name()

{

setcolor(WHITE);

outtextxy(333,20,"STUDENT");

outtextxy(265,20,"HOME");

outtextxy(411,20,"EMPLOYEE");

outtextxy(501,20,"ADMIN");

outtextxy(583,20,"FEST");

}

void login()

{

setfillstyle(SOLID\_FILL,CYAN);

rectangle(0,75,639,445);

floodfill(1,444,WHITE);

setfillstyle(SOLID\_FILL,BLACK);

rectangle(160,110,500,395);

floodfill(161,394,WHITE);

settextstyle(2,0,7);

outtextxy(295,130,"SIGN IN");

settextstyle(2,0,5);

outtextxy(180,185,"USERNAME");

setfillstyle(SOLID\_FILL,WHITE);

rectangle(180,203,460,227);

floodfill(181,221,WHITE);

outtextxy(180,250,"PASSWORD");

rectangle(180,267,460,291);

floodfill(181,270,WHITE);

setfillstyle(SOLID\_FILL,RED);

rectangle(180,320,460,344);

floodfill(181,323,WHITE);

outtextxy(295,325,"SIGN IN");

}

void stucolor()

{ setfillstyle(SOLID\_FILL,CYAN);

line(319,0,319,65);

line(319,65,399,50);

line(399,0,399,50);

floodfill(397,20,WHITE);

}

void stuside()

{

setcolor(BLACK);

settextstyle(2,0,5);

outtextxy(10,115,"Profile");

outtextxy(10,190,"Contact");

outtextxy(10,265,"Marks");

outtextxy(10,340,"Attendance");

}

void student()

{

cleardevice();

login();

tab();

stucolor();

name();

ex();

k: gotoxy(25,14);

gets(uname);

gotoxy(25,18);

gets(pswd);

for(int i=0;i<12;i++)

{

gotoxy(24+i,18);

cout<<"\*";

}

mouse a1;

a1.button=0;

while(!kbhit())

{ callmouse();

a1=getcoordinates();

if(a1.button==1)

{

hidemouse();

// cout<<a1.x<<a1.y;

if(a1.x>239 && a1.y>0 && a1.x<319 && a1.y<50)

{

cleardevice();

home();

}

if(a1.x>180 && a1.y>320 && a1.x<460 && a1.y<344)

{

stu s;

int c=0;

ifstream f;

f.open("student6.dat",ios::in|ios::binary);

while(!f.eof())

{

f.read((char\*)&s,sizeof(s));

if(strcmp(uname,s.Stu\_ID)==0 && strcmp(pswd,s.Stu\_ID)==0)

{

c=1;

cleardevice();

stuper();

break;

}

}

if(c==0)

{

while(!kbhit())

{

setcolor(RED);

settextstyle(2,0,5);

outtextxy(230,360,"INCORRECT ID OR PASSWORD");

delay(200);

setcolor(BLACK);

settextstyle(2,0,5);

outtextxy(230,360,"INCORRECT ID OR PASSWORD");

delay(100);

}

goto k;

}

f.close();

}

if(a1.x>399 && a1.y>0 && a1.x<479 && a1.y<50)

{

cleardevice();

employee();

}

if(a1.x>479 && a1.y>0 && a1.x<559 && a1.y<50)

{

cleardevice();

admin();

}

if(a1.x>559 && a1.y>0 && a1.x<639 && a1.y<50)

{

cleardevice();

fest();

}

if(a1.x>10 && a1.y>445 && a1.x<46 && a1.y<480)

{

cleardevice();

exit(0);

}

}

}

}

void logout()

{

setfillstyle(1,BLUE);

line(549,435,629,435);

line(549,435,549,465);

line(549,465,589,478);

line(589,478,629,465);

line(629,435,629,465);

floodfill(590,439,WHITE);

setcolor(BLUE);

line(549,445,629,445);

setcolor(WHITE);

}

void logage()

{

cleardevice();

back();

tab();

stucolor();

name();

setfillstyle(1,WHITE);

rectangle(0,75,639,445);

floodfill(1,76,WHITE);

settextstyle(1,0,3);

setcolor(BLACK);

outtextxy (155,240,"LOGGED OUT SUCCESSFULLY!!!!");

setcolor(WHITE);

setfillstyle(1,BLUE);

rectangle(10,445,46,480);

floodfill(11,450,WHITE);

setcolor(BLUE);

line(10,445,46,445);

setcolor(BLACK);

setfillstyle(1,BLUE);

line(10,445,28,422);

line(46,445,28,422);

floodfill(30,430,BLACK);

setcolor(WHITE);

line(10,445,28,422);

line(46,445,28,422);

setcolor(BLUE);

line(593,445,629,445);

setcolor(WHITE);

settextstyle(2,1,6);

outtextxy(18,434,"EXIT");

mouse a1;

a1.button=0;

while(!kbhit())

{ callmouse();

a1=getcoordinates();

if(a1.button==1)

{

hidemouse();

// cout<<a1.x<<a1.y;

if(a1.x>593 && a1.y>445 && a1.x<629 && a1.y<480)

{

cleardevice();

student();

}

if(a1.x>10 && a1.y>445 && a1.x<46 && a1.y<480)

{

exit(0);

}

}

}

}

void logagee()

{

cleardevice();

back();

tab();

empcolor();

name();

setfillstyle(1,WHITE);

rectangle(0,75,639,445);

floodfill(1,76,WHITE);

settextstyle(1,0,3);

setcolor(BLACK);

outtextxy (155,240,"LOGGED OUT SUCCESSFULLY!!!!");

setcolor(WHITE);

settextstyle(1,0,1);

outtextxy(70,10,"McLaren");

setfillstyle(1,BLUE);

rectangle(10,445,46,480);

floodfill(11,450,WHITE);

setcolor(BLUE);

line(10,445,46,445);

setcolor(BLACK);

setfillstyle(1,BLUE);

line(10,445,28,422);

line(46,445,28,422);

floodfill(30,430,BLACK);

setcolor(WHITE);

line(10,445,28,422);

line(46,445,28,422);

setcolor(BLUE);

line(593,445,629,445);

setcolor(WHITE);

settextstyle(2,1,6);

outtextxy(18,434,"EXIT");

}

void prostu()

{

setfillstyle(1,YELLOW);

line(120,100,120,150);

line(140,125,120,150);

line(120,100,140,125);

floodfill(139,125,WHITE);

}

void stuper()

{

cleardevice();

logout();

prostu();

tab();

stucolor();

name();

stutab();

ex();

stu s;

fstream f;

f.open("student6.dat",ios::in|ios::binary);

while(!f.eof())

{

f.read((char\*)&s,sizeof(s));

if(strcmp(uname,s.Stu\_ID)==0)

{

f.read((char\*)&s,sizeof(s));

settextstyle(2,0,5);

setcolor(DARKGRAY);

outtextxy(320,150,s.name);

outtextxy(320,180,s.Stu\_ID);

outtextxy(320,210,s.fname);

outtextxy(320,240,s.mname);

outtextxy(320,270,s.dob);

outtextxy(320,300,s.gender);

outtextxy(320,330,s.branch);

outtextxy(320,360,s.sem);

setcolor(WHITE);

}

}

f.close();

setcolor(YELLOW);

line(120,100,120,150);

line(80,100,100,125);

line(80,150,100,125);

setcolor(WHITE);

setcolor(BLACK);

settextstyle(3,0,3);

outtextxy(150,80,"PROFILE");

setcolor(BLACK);

settextstyle(2,0,6);

outtextxy(150,145,"NAME:");

setcolor(DARKGRAY);

line(150,170,600,170);

setcolor(BLACK);

outtextxy(150,175,"STUDENT ID:");

setcolor(DARKGRAY);

line(150,200,600,200);

setcolor(BLACK);

outtextxy(150,205,"FATHER's NAME:");

setcolor(DARKGRAY);

line(150,230,600,230);

setcolor(BLACK);

outtextxy(150,235,"MOTHER's NAME:");

setcolor(DARKGRAY);

line(150,260,600,260);

setcolor(BLACK);

outtextxy(150,265,"D.O.B:");

setcolor(DARKGRAY);

line(150,290,600,290);

setcolor(BLACK);

outtextxy(150,295,"GENDER:");

setcolor(DARKGRAY);

line(150,320,600,320);

setcolor(BLACK);

outtextxy(150,325,"BRANCH:");

setcolor(DARKGRAY);

line(150,350,600,350);

setcolor(BLACK);

outtextxy(150,355,"SEMESTER:");

setcolor(DARKGRAY);

line(150,380,600,380);

setcolor(WHITE);

setfillstyle(1,YELLOW);

line(0,100,120,100);

line(0,150,120,150);

floodfill(100,101,WHITE);

setcolor(BLUE);

line(549,445,629,445);

setcolor(WHITE);

settextstyle(2,0,5);

outtextxy(570,445,"LOGOUT");

stuside();

}

void constu()

{

setfillstyle(1,YELLOW);

line(120,175,120,225);

line(140,175,120,200);

line(120,200,140,225);

floodfill(139,200,WHITE);

}

void stucon()

{

cleardevice();

setcolor(YELLOW);

line(80,175,100,200);

line(100,200,80,225);

setcolor(WHITE);

logout();

rectangle(0,75,639,445);

setfillstyle(1,WHITE);

rectangle(120,75,639,445);

floodfill(121,76,WHITE);

tab();

stucolor();

name();

stutab();

stuside();

setfillstyle(1,YELLOW);

line(120,175,120,225);

line(120,175,140,200);

line(140,200,120,225);

floodfill(130,199,WHITE);

int i;

for(i=0;i<40;i++)

{

setcolor(YELLOW);

line(80+i,175,80+i,225);

setcolor(WHITE);

}

line(80,175,120,175);

line(80,225,120,225);

settextstyle(2,0,5);

setcolor(BLACK);

outtextxy(10,190,"Contact");

setcolor(WHITE);

setcolor(BLACK);

settextstyle(3,0,3);

outtextxy(150,80,"CONTACT INFO");

setcolor(BLACK);

settextstyle(2,0,6);

outtextxy(150,145,"E-mail:");

setcolor(DARKGRAY);

line(150,170,600,170);

setcolor(BLACK);

outtextxy(150,175,"MOBILE NUMBER:");

setcolor(DARKGRAY);

line(150,200,600,200);

setcolor(BLACK);

outtextxy(150,205,"EMERGENCY NUMBER:");

setcolor(DARKGRAY);

line(150,230,600,230);

setcolor(BLACK);

outtextxy(150,235,"ADDRESS:");

setcolor(DARKGRAY);

line(150,290,600,290);

setcolor(BLACK);

outtextxy(150,295,"STATE:");

setcolor(DARKGRAY);

line(150,320,600,320);

setcolor(BLACK);

outtextxy(150,325,"CITY:");

setcolor(DARKGRAY);

line(150,350,600,350);

setcolor(BLACK);

outtextxy(150,355,"PINCODE:");

setcolor(DARKGRAY);

line(150,380,600,380);

setcolor(BLACK);

setcolor(BLUE);

line(549,445,629,445);

setcolor(WHITE);

settextstyle(2,0,5);

outtextxy(570,445,"LOGOUT");

ex();

constu();

stu s;

fstream f;

f.open("student6.dat",ios::in|ios::binary);

while(!f.eof())

{

f.read((char\*)&s,sizeof(s));

if(strcmp(uname,s.Stu\_ID)==0)

{

f.read((char\*)&s,sizeof(s));

settextstyle(2,0,5);

setcolor(DARKGRAY);

outtextxy(350,150,s.email);

outtextxy(350,180,s.mobile);

outtextxy(350,210,s.em);

outtextxy(350,240,s.address);

outtextxy(350,300,s.city);

outtextxy(350,330,s.state);

outtextxy(350,360,s.pin);

setcolor(WHITE);

}

}

f.close();

}

void stumarks()

{

cleardevice();

logout();

setfillstyle(1,YELLOW);

line(120,250,140,275);

line(120,250,120,300);

line(120,300,140,275);

floodfill(130,275,WHITE);

tab();

stucolor();

stutab();

stuside();

int i;

for(i=0;i<40;i++)

{setcolor(YELLOW);

line(80+i,250,80+i,300);

setcolor(WHITE);

}

line(80,250,120,250);

line(80,300,120,300);

rectangle(0,75,639,445);

setcolor(WHITE);

setfillstyle(SOLID\_FILL,WHITE);

rectangle(120,75,639,445);

floodfill(121,76,WHITE);

settextstyle(1,0,1);

setcolor(BLACK);

outtextxy(140,90,"MARKS");

settextstyle(2,0,5);

outtextxy(141,130,"STUDENT NAME :");

outtextxy(142,150,"STUDENT ID :");

outtextxy(140,170,"BRANCH(SEC) :");

outtextxy(140,190,"SEM :");

line(140,220,600,220);

line(140,220,140,425);

line(600,220,600,400);

line(140,400,600,400);

line(180,220,180,380);

line(140,255,600,255);

line(310,220,310,380);

line(455,220,455,380);

line(490,425,600,425);

line(600,425,600,400);

line(140,425,600,425);

line(140,380,600,380);

settextstyle(2,0,5);

outtextxy(150,225,"S.");

outtextxy(150,240,"NO.");

outtextxy(210,230,"SUBJECTS");

outtextxy(340,230,"TOTAL MARKS");

outtextxy(480,230,"MARKS OBTAIN");

outtextxy(380,383,"TOTAL");

outtextxy(150,260,"1.");

outtextxy(150,285,"2.");

outtextxy(150,310,"3.");

outtextxy(150,335,"4.");

outtextxy(150,360,"5.");

outtextxy(185,260,"MATHEMATICS");

outtextxy(185,285,"PHYSICS");

outtextxy(185,310,"C++");

outtextxy(185,335,"JAVA CORE");

outtextxy(185,360,"CLOUD COMPUTING");

outtextxy(160,405,"RESULT :");

outtextxy(350,405,"PERCENTAGE :");

name();

setcolor(YELLOW);

line(120,250,120,300);

setcolor(WHITE);

ex();

setcolor(BLUE);

line(549,445,629,445);

setcolor(WHITE);

settextstyle(2,0,5);

outtextxy(570,445,"LOGOUT");

stu s;

fstream f;

f.open("student6.dat",ios::in|ios::binary);

while(!f.eof())

{

f.read((char\*)&s,sizeof(s));

if(strcmp(uname,s.Stu\_ID)==0)

{f.read((char\*)&s,sizeof(s));

settextstyle(2,0,5);

setcolor(DARKGRAY);

outtextxy(350,130,s.name);

outtextxy(350,150,s.Stu\_ID);

outtextxy(350,170,"CSE");

outtextxy(350,190,"2");

int i;

for(i=0;i<125;i=i+25)

{

outtextxy(360,260+i,"100");

}

outtextxy(540,260,"89");

outtextxy(540,285,"93");

outtextxy(540,310,"83");

outtextxy(540,335,"96");

outtextxy(540,360,"87");

outtextxy(538,382,"448");

outtextxy(540,405,"89.6");

i=0;

while(i<5)

{setcolor(GREEN);

outtextxy(235,405,"PASS");

delay(200);

setcolor(WHITE);

outtextxy(235,405,"PASS");

delay(100);

i++;

}

setcolor(GREEN);

outtextxy(235,405,"PASS");

setcolor(WHITE);

}

}

f.close();

}

}

void stuatt()

{

cleardevice();

logout();

setfillstyle(1,YELLOW);

line(120,325,140,350);

line(120,325,120,375);

line(120,375,140,350);

floodfill(130,350,WHITE);

stutab();

tab();

stucolor();

int i;

for(i=0;i<40;i++)

{

setcolor(YELLOW);

line(80+i,325,80+i,375);

setcolor(WHITE);

}

line(80,325,120,325);

line(80,375,120,375);

stuside();

rectangle(0,75,639,445);

setcolor(WHITE);

setfillstyle(SOLID\_FILL,WHITE);

rectangle(120,75,639,445);

floodfill(121,76,WHITE);

setcolor(BLACK);

settextstyle(1,0,1);

outtextxy(140,90,"ATTENDENCE");

settextstyle(2,0,5);

outtextxy(140,130,"STUDENT ID:");

outtextxy(380,130,"STUDENT NAME:");

line(140,158,600,158);

line(140,160,600,160);

line(140,210,600,210);

line(140,260,600,260);

line(140,310,600,310);

line(140,360,600,360);

line(140,410,600,410);

line(140,412,600,412);

settextstyle(2,0,6);

outtextxy(140,171,"MATHEMATICS");

outtextxy(140,220,"PHYSICS");

outtextxy(140,270,"C++");

outtextxy(140,320,"JAVA CORE");

outtextxy(140,370,"CLOUD COMPUTING");

settextstyle(2,0,5);

outtextxy(380,170,"TOTAL -");

outtextxy(380,185,"PRESENT -");

outtextxy(380,220,"TOTAL -");

outtextxy(380,235,"PRESENT -");

outtextxy(380,270,"TOTAL -");

outtextxy(380,285,"PRESENT -");

outtextxy(380,320,"TOTAL -");

outtextxy(380,335,"PRESENT -");

outtextxy(380,370,"TOTAL -");

outtextxy(380,385,"PRESENT -");

name();

settextstyle(2,0,4);

outtextxy(280,420,"\*\*\*");

outtextxy(301,420,"75% ATTENDANCE IS MUST");

outtextxy(435,420,"\*\*\*");

setcolor(YELLOW);

line(120,325,120,375);

setcolor(WHITE);

ex();

setcolor(BLUE);

line(549,445,629,445);

setcolor(WHITE);

settextstyle(2,0,5);

outtextxy(570,445,"LOGOUT");

stu s;

fstream f;

f.open("student1.dat",ios::in|ios::binary);

while(!f.eof())

{

f.read((char\*)&s,sizeof(s));

if(strcmp(uname,s.Stu\_ID)==0)

{settextstyle(2,0,5);

setcolor(DARKGRAY);

outtextxy(500,130,s.name);

outtextxy(250,130,s.Stu\_ID);

int i;

for(i=0;i<250;i=i+50)

{

outtextxy(460,170+i,"40");

}

outtextxy(460,185,"35");

outtextxy(460,235,"30");

outtextxy(460,285,"38");

outtextxy(460,335,"32");

outtextxy(460,385,"29");

setcolor(WHITE);

}

}

f.close();

}

void empcolor()

{

setfillstyle(SOLID\_FILL,CYAN);

line(399,0,399,65);

line(399,65,479,50);

line(479,0,479,50);

floodfill(400,1,WHITE);

}

void empside()

{

setcolor(BLACK);

settextstyle(2,0,5);

outtextxy(10,115,"Profile");

outtextxy(10,190,"Marks");

outtextxy(10,265,"Attendance");

}

void emptab()

{

setfillstyle(1,YELLOW);

line(0,100,80,100);

line(80,100,100,125);

line(100,125,80,150);

line(0,150,80,150);

floodfill(50,101,WHITE);

setfillstyle(1,YELLOW);

line(0,175,80,175);

line(0,225,80,225);

line(80,175,100,200);

line(100,200,80,225);

floodfill(50,176,WHITE);

setfillstyle(1,YELLOW);

line(0,250,80,250);

line(80,250,100,275);

line(100,275,80,300);

line(0,300,80,300);

floodfill(50,251,WHITE);

}

void employee()

{

cleardevice();

login();

tab();

empcolor();

name();

ex();

settextstyle(1,0,1);

outtextxy(70,10,"McLaren");

gotoxy(25,14);

k: gets(uname);

gotoxy(25,18);

gets(pswd);

for(int i=0;i<12;i++)

{

gotoxy(24+i,18);

cout<<"\*";

}

mouse a1;

a1.button=0;

while(!kbhit())

{

callmouse();

a1=getcoordinates();

if(a1.button==1)

{

hidemouse();

// cout<<a1.x<<a1.y;

if(a1.x>239 && a1.y>0 && a1.x<319 && a1.y<50)

{

cleardevice();

home();

}

if(a1.x>319 && a1.y>0 && a1.x<399 && a1.y<50)

{

cleardevice();

student();

}

if(a1.x>180 && a1.y>320 && a1.x<460 && a1.y<344)

{

cleardevice();

emp e;

fstream f;

int c=0;

f.open("employee.dat",ios::in|ios::binary);

while(!f.eof())

{

f.read((char\*)&e,sizeof(e));

if(strcmp(uname,e.Emp\_ID)==0 && strcmp(pswd,e.Emp\_ID)==0)

{

c=1;

cleardevice();

empper();

break;

}

}

if(c==0)

{

while(!kbhit())

{

setcolor(RED);

settextstyle(2,0,5);

outtextxy(230,360,"INCORRECT ID OR PASSWORD");

delay(200);

setcolor(BLACK);

settextstyle(2,0,5);

outtextxy(230,360,"INCORRECT ID OR PASSWORD");

delay(100);

}

goto k;

}

}

}

if(a1.x>479 && a1.y>0 && a1.x<559 && a1.y<50)

{

cleardevice();

admin();

}

if(a1.x>559 && a1.y>0 && a1.x<639 && a1.y<50)

{

cleardevice();

fest();

}

if(a1.x>10 && a1.y>445 && a1.x<46 && a1.y<480)

{

cleardevice();

exit(0);

}

}

}

void empper()

{

cleardevice();

logout();

prostu();

tab();

empcolor();

setcolor(WHITE);

outtextxy(333,20,"STUDENT");

outtextxy(265,20,"HOME");

outtextxy(411,20,"EMPLOYEE");

outtextxy(501,20,"ADMIN");

outtextxy(583,20,"FEST");

line(0,100,120,100);

line(80,100,100,125);

line(100,125,120,150);

line(0,150,120,150);

emptab();

rectangle(0,75,639,445);

setfillstyle(1,WHITE);

rectangle(120,75,639,445);

floodfill(521,76,WHITE);

setcolor(BLACK);

settextstyle(3,0,4);

outtextxy(150,85,"PROFILE");

setcolor(BLACK);

settextstyle(2,0,6);

outtextxy(150,145,"NAME:");

setcolor(DARKGRAY);

line(150,170,600,170);

setcolor(BLACK);

outtextxy(150,175,"EMPLOYEE ID:");

setcolor(DARKGRAY);

line(150,200,600,200);

setcolor(BLACK);

outtextxy(150,205,"D.O.B:");

setcolor(DARKGRAY);

line(150,230,600,230);

setcolor(BLACK);

outtextxy(150,235,"YEAR OF JOINING:");

setcolor(DARKGRAY);

line(150,260,600,260);

setcolor(BLACK);

outtextxy(150,265,"MOBILE:");

setcolor(DARKGRAY);

line(150,290,600,290);

setcolor(BLACK);

outtextxy(150,295,"GENDER:");

setcolor(DARKGRAY);

line(150,320,600,320);

setcolor(BLACK);

outtextxy(150,325,"E-MAIL:");

setcolor(DARKGRAY);

line(150,350,600,350);

setcolor(BLACK);

outtextxy(150,355,"ADDRESS:");

setcolor(DARKGRAY);

line(150,410,600,410);

setfillstyle(1,CYAN);

rectangle(1,76,119,444);

floodfill(1,78,WHITE);

int i;

for(i=0;i<120;i++)

{

setcolor(YELLOW);

line(0+i,101,0+i,149);

line(120,101,120,149);

setcolor(WHITE);

}

for(i=0;i<80;i++)

{

setcolor(YELLOW);

line(0+i,176,0+i,224);

line(0+i,251,0+i,299);

setcolor(WHITE);

}

setfillstyle(1,YELLOW);

setcolor(YELLOW);

line(80,175,80,225);

setcolor(WHITE);

line(80,175,100,200);

line(80,225,100,200);

floodfill(90,200,WHITE);

setfillstyle(1,YELLOW);

setcolor(YELLOW);

line(80,250,80,300);

setcolor(WHITE);

line(100,275,80,300);

line(100,275,80,250);

floodfill(90,275,WHITE);

settextstyle(2,0,5);

outtextxy(570,445,"LOGOUT");

empside();

emp s;

fstream f;

f.open("employee.dat",ios::in|ios::binary);

while(!f.eof())

{

f.read((char\*)&s,sizeof(s));

if(strcmp(uname,s.Emp\_ID)==0)

{

setcolor(BLACK);

settextstyle(2,0,5);

outtextxy(320,150,s.name);

outtextxy(320,180,s.Emp\_ID);

outtextxy(320,210,s.dob);

outtextxy(320,240,s.year);

outtextxy(320,270,s.mobile);

outtextxy(320,300,s.gen);

outtextxy(320,330,s.mail);

outtextxy(320,354,s.add);

outtextxy(320,374,s.city);

outtextxy(350,374,s.state);

outtextxy(320,394,s.pin);

setcolor(WHITE);

}

}

ex();

setcolor(BLUE);

line(549,445,629,445);

setcolor(WHITE);

}

void empstu()

{

cleardevice();

tab();

empcolor();

name();

emptab();

logout();

setfillstyle(1,CYAN);

rectangle(0,75,120,445);

floodfill(1,80,WHITE);

setfillstyle(1,WHITE);

rectangle(120,75,639,445);

floodfill(121,76,WHITE);

settextstyle(2,0,6);

setcolor(BLACK);

outtextxy(130,80,"NAME :");

outtextxy(130,105,"SUBJECT :");

outtextxy(130,130,"CLASSES :");

outtextxy(255,80,"KUKOO");

outtextxy(255,105,"MATHEMATICS");

outtextxy(255,130,"CSD CSE");

rectangle(130,155,620,420);

outtextxy(140,163,"S.NO.");

outtextxy(215,163,"STUDENT ID");

outtextxy(365,163,"STUDENT NAME");

outtextxy(535,163,"MARKS");

outtextxy(145,190,"1.");

outtextxy(145,223,"2.");

outtextxy(145,256,"3.");

outtextxy(145,286,"4.");

outtextxy(145,316,"5.");

outtextxy(145,346,"6.");

outtextxy(145,378,"7.");

outtextxy(210,190,"BTCMCI02938");

outtextxy(210,223,"BTCMCI02940");

outtextxy(210,256,"BTCMCI02954");

outtextxy(210,286,"BTCMCI02960");

outtextxy(210,316,"BTCMCI02965");

outtextxy(210,346,"BTCMCI02971");

outtextxy(210,378,"BTCMCI02979");

outtextxy(360,190,"Advait");

outtextxy(360,223,"Chirayu");

outtextxy(360,256,"Kashish");

outtextxy(360,286,"Mohit");

outtextxy(360,316,"Prayas");

outtextxy(360,346,"Robin");

outtextxy(360,378,"Shruti");

line(180,155,180,420);

line(330,155,330,420);

line(500,155,500,420);

line(130,185,620,185);

setcolor(WHITE);

empside();

setfillstyle(1,YELLOW);

line(120,175,120,225);

line(120,175,140,200);

line(120,225,140,200);

floodfill(125,199,BLACK);

floodfill(138,199,BLACK);

setcolor(YELLOW);

int i;

for(i=0;i<40;i++)

{

setcolor(YELLOW);

line(80+i,175,80+i,225);

setcolor(WHITE);

}

line(80,175,120,175);

line(80,225,120,225);

setcolor(YELLOW);

line(120,175,120,225);

line(120,175,140,200);

line(120,225,140,200);

line(130,187,130,213);

setcolor(WHITE);

setfillstyle(1,BLUE);

line(549,435,629,435);

line(549,435,549,465);

line(549,465,589,478);

line(589,478,629,465);

line(629,435,629,465);

floodfill(600,439,WHITE);

settextstyle(2,0,5);

outtextxy(570,445,"LOGOUT");

ex();

gotoxy(70,13);

gets(a8);

gotoxy(70,15);

gets(a2);

gotoxy(70,17);

gets(a3);

gotoxy(70,19);

gets(a4);

gotoxy(70,21);

gets(a5);

gotoxy(70,23);

gets(a6);

gotoxy(70,25);

gets(a7);

settextstyle(2,0,5);

int i1=0;

while(i1<5)

{setcolor(GREEN);

outtextxy(275,425,"UPDATED SUCCESSFULLY!!!!");

delay(200);

setcolor(WHITE);

outtextxy(275,425,"UPDATED SUCCESSFULLY!!!!");

delay(100);

i1++;

}

setcolor(GREEN);

outtextxy(275,425,"UPDATED SUCCESSFULLY!!!!");

setcolor(WHITE);

setcolor(BLUE);

line(549,445,629,445);

setcolor(WHITE);

}

void empatt()

{

cleardevice();

tab();

empcolor();

name();

emptab();

logout();

ex();

setcolor(BLACK);

settextstyle(2,0,5);

outtextxy(10,115,"Profile");

outtextxy(10,190,"Marks");

outtextxy(10,265,"Attendance");

setcolor(WHITE);

settextstyle(1,0,1);

outtextxy(70,10,"McLaren");

setfillstyle(1,CYAN);

rectangle(0,75,120,445);

floodfill(1,76,WHITE);

setfillstyle(1,WHITE);

rectangle(120,75,639,445);

floodfill(121,76,WHITE);

settextstyle(2,0,6);

setcolor(BLACK);

outtextxy(130,80,"EMPLOYEE ID :");

outtextxy(130,105,"SUBJECT :");

outtextxy(130,130,"CLASSES :");

outtextxy(255,80,"KUKOO");

outtextxy(255,105,"MATHEMATICS");

outtextxy(255,130,"CSD CSE");

rectangle(130,155,620,420);

line(180,155,180,420);

line(330,155,330,420);

line(500,155,500,420);

line(130,185,620,185);

outtextxy(138,160,"S.NO.");

outtextxy(205,160,"STUDENT ID");

outtextxy(355,160,"STUDENT NAME");

outtextxy(513,160,"ATTENDANCE");

outtextxy(145,190,"1.");

outtextxy(145,223,"2.");

outtextxy(145,256,"3.");

outtextxy(145,286,"4.");

outtextxy(145,316,"5.");

outtextxy(145,346,"6.");

outtextxy(145,378,"7.");

outtextxy(210,190,"BTCMCI02938");

outtextxy(210,223,"BTCMCI02940");

outtextxy(210,256,"BTCMCI02954");

outtextxy(210,286,"BTCMCI02960");

outtextxy(210,316,"BTCMCI02965");

outtextxy(210,346,"BTCMCI02971");

outtextxy(210,378,"BTCMCI02979");

outtextxy(360,190,"Advait");

outtextxy(360,223,"Chirayu");

outtextxy(360,256,"Kashish");

outtextxy(360,286,"Mohit");

outtextxy(360,316,"Prayas");

outtextxy(360,346,"Robin");

outtextxy(360,378,"Shruti");

setcolor(WHITE);

setcolor(YELLOW);

int i;

for(i=10;i<40;i++)

{

setcolor(YELLOW);

line(80+i,250,80+i,300);

line(70+i,250,70+i,260);

line(70+i,290,70+i,300);

setcolor(WHITE);

}

line(80,250,120,250);

line(80,300,120,300);

setfillstyle(1,YELLOW);

setcolor(BLACK);

line(120,250,140,275);

line(120,250,120,300);

line(120,300,140,275);

setcolor(WHITE);

floodfill(125,274,BLACK);

floodfill(135,274,BLACK);

setcolor(YELLOW);

line(120,250,140,275);

line(120,250,120,300);

line(120,300,140,275);

line(130,262,130,287);

setcolor(WHITE);

settextstyle(2,0,5);

outtextxy(570,445,"LOGOUT");

setcolor(BLUE);

line(10,445,45,445);

line(549,445,629,445);

setcolor(WHITE);

gotoxy(70,13);

gets(a8);

gotoxy(70,15);

gets(a2);

gotoxy(70,17);

gets(a3);

gotoxy(70,19);

gets(a4);

gotoxy(70,21);

gets(a5);

gotoxy(70,23);

gets(a6);

gotoxy(70,25);

gets(a7);

settextstyle(2,0,5);

int i1=0;

while(i1<5)

{setcolor(GREEN);

outtextxy(275,425,"UPDATED SUCCESSFULLY!!!!");

delay(200);

setcolor(WHITE);

outtextxy(275,425,"UPDATED SUCCESSFULLY!!!!");

delay(100);

i1++;

}

setcolor(GREEN);

outtextxy(275,425,"UPDATED SUCCESSFULLY!!!!");

setcolor(WHITE);

}

void admincolor()

{

setfillstyle(SOLID\_FILL,CYAN);

line(479,65,559,50);

line(559,0,559,65);

floodfill(480,49,WHITE);

}

void logo()

{

setfillstyle(SOLID\_FILL,DARKGRAY); //LOGO

rectangle(270,105,390,165);

floodfill(300,150,WHITE);

setfillstyle(SOLID\_FILL,BLUE);

rectangle(280,110,290,160);

floodfill(285,115,WHITE);

setfillstyle(SOLID\_FILL,BLUE);

rectangle(300,110,310,135);

floodfill(305,120,WHITE);

setfillstyle(SOLID\_FILL,BLUE);

rectangle(320,110,330,160);

floodfill(325,120,WHITE);

setfillstyle(SOLID\_FILL,BLUE);

rectangle(340,110,350,120);

floodfill(345,115,WHITE);

setfillstyle(SOLID\_FILL,RED);

rectangle(340,130,350,160);

floodfill(345,140,WHITE);

setfillstyle(SOLID\_FILL,BLUE);

rectangle(360,110,380,120);

floodfill(365,115,WHITE);

setfillstyle(SOLID\_FILL,BLUE);

rectangle(360,130,370,160);

floodfill(365,140,WHITE);

}

void admin()

{

cleardevice();

tab();

admincolor();

name();

setfillstyle(SOLID\_FILL,DARKGRAY);

rectangle(0,75,639,445);

floodfill(1,444,WHITE);

ex();

setfillstyle(SOLID\_FILL,LIGHTGRAY);

rectangle(160,100,500,425);

floodfill(161,101,WHITE);

logo();

settextstyle(2,0,6);

setcolor(BLACK);

outtextxy(170,195,"Username");

rectangle(170,215,490,245);

outtextxy(170,260,"Password");

rectangle(170,280,490,310);

setcolor(WHITE);

setfillstyle(SOLID\_FILL,GREEN);

rectangle(180,320,490,360);

floodfill(380,330,WHITE);

setcolor(BLACK);

outtextxy(300,330,"LOGIN");

k:

gotoxy(23,15);

char user[20];

gets(user);

char pass[20];

gotoxy(23,19);

gets(pass);

for(int i=0;i<8;i++)

{

gotoxy(23+i,19);

cout<<"\*";

}

mouse a1;

a1.button=0;

while(!kbhit())

{ callmouse();

a1=getcoordinates();

if(a1.button==1)

{

hidemouse();

// cout<<a1.x<<a1.y;

if(a1.x>239 && a1.y>0 && a1.x<319 && a1.y<50)

{

cleardevice();

home();

}

if(a1.x>319 && a1.y>0 && a1.x<399 && a1.y<50)

{

cleardevice();

student();

}

if(a1.x>399 && a1.y>0 && a1.x<479 && a1.y<50)

{

cleardevice();

employee();

}

if(a1.x>479 && a1.y>0 && a1.x<559 && a1.y<50)

{

cleardevice();

admin();

}

if(a1.x>170 && a1.y>320 && a1.x<490 && a1.y<350)

{

if(strcmp(user,"itinshuk")==0 && strcmp(pass,"itinshuk")==0)

{

cleardevice();

adminselect();

}

else

{

setcolor(RED);

outtextxy(250,380,"INCORRECT PASSWORD.");

goto k;

}

}

if(a1.x>559 && a1.y>0 && a1.x<639 && a1.y<50)

{

cleardevice();

fest();

}

if(a1.x>10 && a1.y>445 && a1.x<46 && a1.y<480)

{

exit(0);

}

}

}

}

void adminselect()

{

cleardevice();

setcolor(WHITE);

setfillstyle(SOLID\_FILL,LIGHTBLUE);

rectangle(0,75,639,445);

floodfill(1,76,WHITE);

ex();

logo();

line(319,205,319,445);

setfillstyle(SOLID\_FILL,BLACK);

line(70,225,250,225);

line(70,280,250,280);

line(70,225,35,250);

line(70,280,35,250);

line(250,225,285,250);

line(250,280,285,250);

floodfill(71,226,WHITE);

line(70,330,250,330);

line(70,385,250,385);

line(70,330,35,360);

line(70,385,35,360);

line(250,330,285,360);

line(250,385,285,360);

floodfill(71,331,WHITE);

line(380,225,560,225);

line(380,280,560,280);

line(380,225,345,250);

line(380,280,345,250);

line(560,225,595,250);

line(560,280,595,250);

floodfill(381,226,WHITE);

line(380,330,560,330);

line(380,385,560,385);

line(380,330,345,360);

line(380,385,345,360);

line(560,330,595,360);

line(560,385,595,360);

floodfill(381,331,WHITE);

settextstyle(1,0,1);

setcolor(WHITE);

tab();

outtextxy(115,245,"ADD STUDENT");

outtextxy(105,350,"UPDATE STUDENT");

outtextxy(425,245,"ADD EMPLOYEE");

outtextxy(415,350,"UPDATE EMPLOYEE");

admincolor();

settextstyle(2,0,5);

outtextxy(333,20,"STUDENT");

outtextxy(265,20,"HOME");

outtextxy(411,20,"EMPLOYEE");

outtextxy(501,20,"ADMIN");

outtextxy(583,20,"FEST");

settextstyle(8,0,2);

setcolor(BLACK);

outtextxy(210,175,"CHOOSE AN OPTION");

}

void back()

{

setfillstyle(1,BLUE);

rectangle(593,445,629,480);

floodfill(594,446,WHITE);

setfillstyle(1,BLUE);

line(593,445,611,422);

line(611,422,629,445);

floodfill(611,423,WHITE);

setcolor(BLUE);

line(593,445,629,445);

setcolor(WHITE);

settextstyle(2,1,6);

outtextxy(601,435,"BACK");

}

void sturegist()

{

cleardevice();

tab();

admincolor();

name();

rectangle(0,75,639,445);

settextstyle(2,0,7);

outtextxy(85,195,"STUDENT HAS BEEN REGISTERED SUCCESSFULLY!!!!");

back();

}

void stusign()

{

name();

cleardevice();

setfillstyle(SOLID\_FILL,CYAN);

rectangle(0,75,639,445);

floodfill(638,444,WHITE);

settextstyle(7,0,1);

setcolor(BLACK);

outtextxy(210,75,"REGISTERATION FORM");

setcolor(WHITE);

setfillstyle(SOLID\_FILL,BLACK);

rectangle(40,100,600,425);

floodfill(41,419,WHITE);

line(330,110,330,380);

setfillstyle(SOLID\_FILL,GREEN);

rectangle(100,398,550,418);

floodfill(101,407,WHITE);

settextstyle(2,0,5);

outtextxy(300,400,"REGISTER");

outtextxy(60,110,"STUDENT ID");

setfillstyle(SOLID\_FILL,LIGHTGRAY);

rectangle(60,125,315,150);

floodfill(61,126,WHITE);

outtextxy(60,155,"STUDENT NAME");

rectangle(60,175,315,200);

floodfill(61,181,WHITE);

outtextxy(60,205,"FATHER'S NAME");

rectangle(60,220,315,245);

floodfill(61,226,WHITE);

outtextxy(60,255,"MOTHER'S NAME");

rectangle(60,270,315,295);

floodfill(61,271,WHITE);

outtextxy(60,300,"ADDRESS");

rectangle(60,315,315,340);

floodfill(61,321,WHITE);

outtextxy(60,345,"CITY");

rectangle(60,360,140,385);

floodfill(61,361,WHITE);

outtextxy(150,345,"STATE");

rectangle(150,360,230,385);

floodfill(151,361,WHITE);

outtextxy(240,345,"PINCODE");

rectangle(240,360,315,385);

floodfill(241,361,WHITE);

outtextxy(350,110,"SEMESTER");

rectangle(350,125,585,150);

floodfill(351,136,WHITE);

outtextxy(350,155,"E-MAIL");

rectangle(350,175,585,200);

floodfill(351,181,WHITE);

outtextxy(350,205,"MOBILE");

rectangle(350,220,585,245);

floodfill(351,226,WHITE);

outtextxy(350,255,"EMERGENCY MOBILE");

rectangle(350,270,585,295);

floodfill(351,271,WHITE);

outtextxy(350,295,"DATE OF BIRTH : (DD/MM/YY)");

rectangle(350,315,585,340);

floodfill(471,316,WHITE);

outtextxy(350,345,"BRANCH(SEC)");

rectangle(350,360,450,385);

floodfill(351,361,WHITE);

outtextxy(460,345,"GENDER");

rectangle(460,360,560,385);

floodfill(461,361,WHITE);

tab();

admincolor();

settextstyle(2,0,5);

outtextxy(333,20,"STUDENT");

outtextxy(265,20,"HOME");

outtextxy(411,20,"EMPLOYEE");

outtextxy(501,20,"ADMIN");

outtextxy(583,20,"FEST");

ex();

back();

stu s;

int i;

gotoxy(10,9);

gets(s.Stu\_ID);

gotoxy(10,12);

gets(s.name);

gotoxy(10,15);

gets(s.fname);

gotoxy(10,18);

gets(s.mname);

gotoxy(10,21);

gets(s.address);

gotoxy(10,24);

gets(s.city);

gotoxy(20,24);

gets(s.state);

gotoxy(33,24);

gets(s.pin);

gotoxy(45,9);

cin>>s.sem;

gotoxy(45,12);

gets(s.email);

gotoxy(45,15);

gets(s.mobile);

gotoxy(45,18);

gets(s.em);

gotoxy(45,21);

gets(s.dob);

gotoxy(45,24);

gets(s.branch);

gotoxy(60,24);

gets(s.gender);

mouse a1;

a1.button=0;

while(!kbhit())

{ callmouse();

a1=getcoordinates();

if(a1.button==1)

{

hidemouse();

// cout<<a1.x<<a1.y;

if(a1.x>239 && a1.y>0 && a1.x<319 && a1.y<50)

{

home();

}

if(a1.x>319 && a1.y>0 && a1.x<399 && a1.y<50)

{

student();

}

if(a1.x>399 && a1.y>0 && a1.x<479 && a1.y<50)

{

employee();

}

if(a1.x>479 && a1.y>0 && a1.x<559 && a1.y<50)

{

admin();

}

if(a1.x>593 && a1.y>445 && a1.x<629 && a1.y<480)

{

adminselect();

}

if(a1.x>100 && a1.y>398 && a1.x<550 && a1.y<418)

{

fstream f;

f.open("student6.dat",ios::app|ios::binary);

f.write((char\*)&s,sizeof(s));

f.close();

sturegist();

}

if(a1.x>559 && a1.y>0 && a1.x<639 && a1.y<50)

{

fest();

}

if(a1.x>10 && a1.y>445 && a1.x<46 && a1.y<480)

{

exit(0);

}

}

}

}

void empregist()

{

cleardevice();

tab();

admincolor();

name();

rectangle(0,75,639,445);

settextstyle(2,0,7);

outtextxy(85,195,"EMPLOYEE HAS BEEN REGISTERED SUCCESSFULLY!!!!");

back();

}

void empsign()

{

name();

cleardevice();

setfillstyle(SOLID\_FILL,DARKGRAY);

rectangle(0,75,639,445);

floodfill(1,76,WHITE);

settextstyle(7,0,2);

outtextxy(160,77,"EMPLOYEE REGISTRATION FORM");

setfillstyle(SOLID\_FILL,BLACK);

rectangle(60,100,570,420);

floodfill(61,101,WHITE);

line(310,100,310,380);

setfillstyle(SOLID\_FILL,GREEN);

rectangle(100,395,520,415);

floodfill(101,396,WHITE);

settextstyle(2,0,6);

outtextxy(265,395,"REGISTER");

settextstyle(2,0,5);

outtextxy(70,110,"EMPLOYEE ID");

setfillstyle(SOLID\_FILL,LIGHTGRAY);

rectangle(70,125,300,150);

floodfill(71,131,WHITE);

outtextxy(70,155,"NAME");

rectangle(70,170,300,195);

floodfill(71,181,WHITE);

outtextxy(70,205,"DATE OF BIRTH :(DD/MM/YY)");

rectangle(70,220,300,245);

floodfill(71,231,WHITE);

outtextxy(70,255,"GENDER");

rectangle(70,270,300,295);

floodfill(71,276,WHITE);

outtextxy(70,304,"ADDRESS");

rectangle(70,319,300,344);

floodfill(71,321,WHITE);

outtextxy(70,350,"CITY");

outtextxy(150,350,"STATE");

outtextxy(230,350,"PINCODE");

rectangle(70,365,140,390);

floodfill(71,366,WHITE);

rectangle(150,365,220,390);

floodfill(151,366,WHITE);

rectangle(230,365,300,390);

floodfill(231,366,WHITE);

outtextxy(330,110,"YEAR OF JOINING");

rectangle(330,125,560,150);

floodfill(331,126,WHITE);

outtextxy(330,160,"SUBJECT");

rectangle(330,175,560,200);

floodfill(331,181,WHITE);

outtextxy(330,235,"TRAINING OR CERTIFICATION");

rectangle(330,250,560,295);

floodfill(331,261,WHITE);

outtextxy(330,304,"E-MAIL");

rectangle(330,319,560,344);

floodfill(431,343,WHITE);

outtextxy(330,350,"CONTACT NO :");

rectangle(330,365,560,390);

floodfill(431,371,WHITE);

tab();

admincolor();

settextstyle(2,0,5);

outtextxy(333,20,"STUDENT");

outtextxy(265,20,"HOME");

outtextxy(411,20,"EMPLOYEE");

outtextxy(501,20,"ADMIN");

outtextxy(583,20,"FEST");

ex();

back();

emp e;

gotoxy(11,9);

gets(e.Emp\_ID);

gotoxy(11,12);

gets(e.name);

gotoxy(11,15);

gets(e.dob);

gotoxy(11,18);

gets(e.gen);

gotoxy(11,21);

gets(e.add);

gotoxy(11,24);

gets(e.city);

gotoxy(21,24);

gets(e.state);

gotoxy(31,24);

gets(e.pin);

gotoxy(43,9);

cin>>e.year;

char tr[30];

gotoxy(43,12);

gets(e.subject);

gotoxy(43,17);

gets(tr);

gotoxy(43,21);

gets(e.mail);

gotoxy(43,24);

gets(e.mobile);

mouse a1;

a1.button=0;

while(!kbhit())

{ callmouse();

a1=getcoordinates();

if(a1.button==1)

{

hidemouse();

// cout<<a1.x<<a1.y;

if(a1.x>239 && a1.y>0 && a1.x<319 && a1.y<50)

{

home();

}

if(a1.x>319 && a1.y>0 && a1.x<399 && a1.y<50)

{

student();

}

if(a1.x>399 && a1.y>0 && a1.x<479 && a1.y<50)

{

employee();

}

if(a1.x>479 && a1.y>0 && a1.x<559 && a1.y<50)

{

admin();

}

if(a1.x>593 && a1.y>445 && a1.x<629 && a1.y<480)

{

adminselect();

}

if(a1.x>100 && a1.y>395 && a1.x<520 && a1.y<415)

{

fstream f;

f.open("employee.dat",ios::app|ios::binary);

f.write((char\*)&e,sizeof(e));

f.close();

empregist();

}

if(a1.x>559 && a1.y>0 && a1.x<639 && a1.y<50)

{

fest();

}

if(a1.x>10 && a1.y>445 && a1.x<46 && a1.y<480)

{

exit(0);

}

}

}

}

void festcolor()

{

setfillstyle(SOLID\_FILL,CYAN);

line(559,65,639,50);

line(639,0,639,50);

floodfill(560,64,WHITE);

}

void fest()

{

cleardevice();

setfillstyle(SOLID\_FILL,BROWN);

rectangle(0,75,639,445);

floodfill(1,76,WHITE); //mid line

setfillstyle(SOLID\_FILL,CYAN);

line(319,85,369,85); //square top

line(319,85,319,135);

line(319,135,369,135);

line(369,135,369,106);

line(369,85,369,94);

line(369,94,379,100);

line(369,106,379,100);

floodfill(320,90,WHITE);

setfillstyle(SOLID\_FILL,YELLOW); //square1

line(319,140,429,140);

line(319,250,429,250);

line(319,140,319,250);

line(429,140,429,158);

line(429,250,429,178);

line(444,168,429,158);

line(444,168,429,178);

floodfill(390,200,WHITE);

setcolor(BLUE);

settextstyle(1,0,2);

outtextxy(330,145,"SPLASH");

outtextxy(330,170,"AND");

outtextxy(330,195,"SING");

settextstyle(1,0,4);

outtextxy(385,210,"03");

setcolor(WHITE);

setfillstyle(SOLID\_FILL,GREEN); //square2

line(319,255,429,255);

line(319,255,429,255);

line(429,255,429,360);

line(319,360,391,360);

line(429,360,411,360);

line(401,375,411,360);

line(401,375,391,360);

line(319,360,319,255);

floodfill(320,260,WHITE);

settextstyle(1,0,4);

outtextxy(325,255,"01");

settextstyle(1,0,2);

outtextxy(365,285,"EVENT");

outtextxy(385,310,"AND");

outtextxy(325,335,"WORKSHOP");

setfillstyle(SOLID\_FILL,LIGHTBLUE); //square3

line(319,365,389,365);

line(319,435,389,435);

line(319,365,319,435);

line(389,435,389,430);

line(389,420,389,365);

line(389,420,399,425);

line(389,430,399,425);

floodfill(320,380,WHITE);

setfillstyle(SOLID\_FILL,MAGENTA);

line(434,178,504,178);

line(434,178,434,258);

line(434,258,504,258);

line(504,258,504,206);

line(504,178,504,190);

line(504,190,514,198);

line(514,198,504,206);

floodfill(440,190,WHITE);

setfillstyle(SOLID\_FILL,CYAN);

line(434,263,484,263);

line(434,263,434,313);

line(434,313,464,313);

line(464,313,469,323);

line(469,323,474,313);

line(474,313,484,313);

line(484,313,484,263);

floodfill(435,300,WHITE);

setfillstyle(SOLID\_FILL,LIGHTCYAN);

line(315,110,315,185);

line(315,185,235,185);

line(235,185,235,110);

line(235,110,240,110);

line(245,100,240,110);

line(245,100,250,110);

line(250,110,315,110);

floodfill(240,120,WHITE);

setfillstyle(SOLID\_FILL,BLUE);

line(315,190,315,295);

line(315,295,205,295);

line(205,295,205,190);

line(230,190,315,190);

line(205,190,220,190);

line(220,190,224,180);

line(224,180,230,190);

line(230,190,315,190);

floodfill(220,246,WHITE);

settextstyle(1,0,4);

outtextxy(215,255,"27");

settextstyle(1,0,2);

outtextxy(225,200,"SUMMER");

outtextxy(215,225,"TRAINING");

setfillstyle(SOLID\_FILL,MAGENTA);

line(315,300,315,400);

line(315,300,205,300);

line(205,300,205,400);

line(205,400,300,400);

line(305,410,300,400);

line(305,410,310,400);

line(310,400,315,400);

floodfill(240,390,WHITE);

settextstyle(1,0,4);

outtextxy(275,295,"03");

settextstyle(1,0,2);

outtextxy(215,325,"GAME");

outtextxy(215,350,"OF");

outtextxy(215,375,"CODES");

setcolor(WHITE);

setfillstyle(SOLID\_FILL,GREEN);

line(200,250,200,300);

line(200,300,150,300);

line(150,300,150,250);

line(150,250,160,250);

line(160,250,165,240);

line(170,250,165,240);

line(170,250,200,250);

floodfill(155,260,WHITE);

setfillstyle(SOLID\_FILL,YELLOW);

line(130,305,200,305);

line(200,305,200,375);

line(200,375,130,375);

line(130,375,130,365);

line(130,355,120,360);

line(130,365,120,360);

line(130,355,130,305);

floodfill(150,320,WHITE);

tab();

festcolor();

name();

ex();

}

void fest1()

{

cleardevice();

tab();

festcolor();

name();

int i;

rectangle(0,75,639,445);

for(i=0;i<3;i++)

{

line(100,100+i,500,100+i);

}

for(i=0;i<3;i++)

{

line(500+i,100,500+i,422);

}

for(i=0;i<3;i++)

{

line(100,420+i,500,420+i);

}

for(i=0;i<3;i++)

{

line(100+i,100,100+i,300);

}

for(i=0;i<3;i++)

{

line(100+i,380,100+i,420);

}

settextstyle(1,0,4);

outtextxy(65,300,"APRIL");

outtextxy(230,155,"Game of");

outtextxy(385,170,"3.0");

settextstyle(1,0,6);

outtextxy(230,180,"CODES");

settextstyle(2,0,4);

outtextxy(250,233,"ONLINE CODING");

line(250,260,250,350);

outtextxy(260,260,"PRIZE MONEY");

outtextxy(260,330,"REGISTERATION FEE :");

outtextxy(260,340,"SINGLE :RS.100");

setfillstyle(1,BLUE);

rectangle(270,362,345,385);

floodfill(279,363,WHITE);

settextstyle(2,0,5);

outtextxy(278,365,"REGISTER");

settextstyle(2,0,4);

outtextxy(80,365,"10pm-1pm");

outtextxy(400,395,"CONTACT NO.");

outtextxy(370,405,"9876543210,8901234567");

settextstyle(1,0,5);

outtextxy(260,270,"5K");

outtextxy(90,322,"3");

settextstyle(2,0,6);

outtextxy(535,80,"BASED ON");

settextstyle(1,1,8);

outtextxy(520,105,"PYTHON");

back();

}

void fest\_4()

{

cleardevice();

login();

tab();

festcolor();

name();

ex();

k: gotoxy(25,14);

gets(uname);

gotoxy(25,18);

gets(pswd);

for(int i=0;i<12;i++)

{

gotoxy(24+i,18);

cout<<"\*";

}

mouse a1;

a1.button=0;

while(!kbhit())

{ callmouse();

a1=getcoordinates();

if(a1.button==1)

{

hidemouse();

// cout<<a1.x<<a1.y;

if(a1.x>239 && a1.y>0 && a1.x<319 && a1.y<50)

{

cleardevice();

home();

}

if(a1.x>180 && a1.y>320 && a1.x<460 && a1.y<344)

{

stu s;

int c=0;

ifstream f;

f.open("student.dat",ios::in|ios::binary);

while(!f.eof())

{

f.read((char\*)&s,sizeof(s));

if(strcmp(uname,s.Stu\_ID)==0 && strcmp(pswd,s.Stu\_ID)==0)

{

c=1;

cleardevice();

tab();

festcolor();

name();

rectangle(0,75,639,445);

setfillstyle(SOLID\_FILL,BLUE);

floodfill(1,76,WHITE);

setfillstyle(SOLID\_FILL,RED); //TRIANGLE

line(5,75,155,150);

line(155,150,316,75);

line(5,75,316,75);

floodfill(100,80,WHITE);

line(15,75,25,80);

line(35,85,45,90);

line(55,95,65,100);

line(75,105,85,110);

line(95,115,105,120);

line(115,125,125,130);

line(135,135,145,140);

line(155,145,165,140);

line(175,135,185,130);

line(195,125,205,120);

line(215,115,225,110);

line(235,105,245,100);

line(255,95,265,90);

line(275,85,285,80);

setfillstyle(SOLID\_FILL,RED); //TRIANGLE

line(321,75,479,150);

line(479,150,634,75);

line(321,75,634,75);

floodfill(421,80,WHITE);

line(340,75,350,80);

line(360,85,370,90);

line(380,95,390,100);

line(400,105,410,110);

line(420,115,430,120);

line(440,125,450,130);

line(460,135,470,140);

line(480,145,490,140);

line(500,135,510,130);

line(520,125,530,120);

line(540,115,550,110);

line(560,105,570,100);

line(580,95,590,90);

line(600,85,610,80);

setfillstyle(1,CYAN);

line(150,190,320,115); //HEXAGON

line(320,115,490,190);

line(320,440,150,365);

line(320,440,490,365);

line(490,365,490,190);

line(150,365,150,190);

floodfill(463,190,WHITE);

setfillstyle(1,LIGHTCYAN);

line(319,125,464,190);

line(319,125,170,190);

line(464,190,170,190);

floodfill(320,130,WHITE);

setfillstyle(1,LIGHTCYAN);

line(165,365,464,365);

line(165,365,319,430);

line(319,430,464,365);

floodfill(170,366,WHITE);

setfillstyle(1,RED);

circle(490,320,70);

floodfill(491,321,WHITE);

floodfill(465,364,WHITE);

floodfill(468,368,WHITE);

floodfill(460,366,WHITE);

setcolor(RED);

line(490,365,490,250);

line(490,365,445,385);

line(464,365,438,365);

line(464,365,445,373);

setcolor(WHITE);

settextstyle(1,0,1);

outtextxy(436,280,"Starts from");

settextstyle(1,0,2);

outtextxy(445,315,"27 April");

outtextxy(460,350,"2019");

settextstyle(1,0,3);

outtextxy(210,200,"Summer Training");

settextstyle(2,0,5);

outtextxy(310,225,"on");

settextstyle(2,0,8);

outtextxy(293,240,"CMCI");

settextstyle(2,0,4);

outtextxy(220,280,"STUDENT ID : BTCMCI02979");

outtextxy(220,300,"NAME : SHRUTI");

outtextxy(220,320,"CONTACT : 9424400620");

outtextxy(220,340,"VENUE/TIME : SVVV (MAIN BLOCK)");

outtextxy(297,350,"IBM LAB; 9am to 11am");

setcolor(CYAN);

line(140,270,140,260);

line(140,250,140,240);

line(140,280,140,290);

int i;

for(i=0;i<3;i++)

{

line(140-i,182,140-i,230);

line(140,182-i,180,163-i);

}

line(190,158,200,153);

line(210,148,220,144);

line(230,139,240,134);

line(250,130,260,125);

for(i=0;i<3;i++)

{

line(270,121-i,320,99-i);

line(320,99-i,380,125-i);

}

setcolor(WHITE);

back();

break;

}

}

if(c==0)

{

while(!kbhit())

{

setcolor(RED);

settextstyle(2,0,5);

outtextxy(230,360,"INCORRECT ID OR PASSWORD");

delay(200);

setcolor(BLACK);

settextstyle(2,0,5);

outtextxy(230,360,"INCORRECT ID OR PASSWORD");

delay(100);

}

goto k;

}

f.close();

}

if(a1.x>399 && a1.y>0 && a1.x<479 && a1.y<50)

{

cleardevice();

employee();

}

if(a1.x>479 && a1.y>0 && a1.x<559 && a1.y<50)

{

cleardevice();

admin();

}

if(a1.x>559 && a1.y>0 && a1.x<639 && a1.y<50)

{

cleardevice();

fest();

}

if(a1.x>10 && a1.y>445 && a1.x<46 && a1.y<480)

{

cleardevice();

exit(0);

}

if(a1.x>559 && a1.y>445 && a1.x<639 && a1.y<480)

{

fest();

}

}

}

}

void fest2()

{

cleardevice();

tab();

festcolor();

name();

rectangle(0,75,639,445);

setfillstyle(SOLID\_FILL,WHITE);

line(100,75,100,85);

line(100,85,0,95);

floodfill(1,76,WHITE);

line(0,110,110,100);

line(0,118,110,118);

line(110,100,110,118);

floodfill(1,117,WHITE);

line(0,135,115,118);

line(115,118,113,148);

line(113,148,78,148);

line(78,148,78,142);

line(78,142,0,142);

floodfill(79,144,WHITE);

rectangle(0,150,125,168);

floodfill(1,159,WHITE);

line(0,185,105,183);

line(105,183,105,168);

line(115,168,122,205);

line(122,205,0,197);

floodfill(1,194,WHITE);

line(0,223,125,210);

line(125,210,129,235);

line(129,235,0,233);

floodfill(1,231,WHITE);

line(0,244,133,235);

rectangle(8,258,112,278);

line(0,280,8,278);

line(133,235,136,268);

line(136,268,112,263);

floodfill(1,257,WHITE);

line(112,267,143,272);

line(143,272,141,300);

line(141,300,80,297);

line(80,297,79,291);

line(79,291,19,297);

line(19,297,19,278);

floodfill(20,279,WHITE);

line(0,317,79,313);

line(79,313,79,306);

line(79,306,119,304);

line(119,304,123,332);

line(123,332,0,334);

floodfill(1,333,WHITE);

line(0,356,100,353);

line(100,353,100,336);

line(100,336,130,336);

line(130,336,133,373);

line(133,373,0,370);

floodfill(1,369,WHITE);

line(0,376,133,391);

line(133,391,137,410);

line(137,410,0,400);

floodfill(1,399,WHITE);

line(0,425,150,415);

line(150,415,155,445);

floodfill(149,416,WHITE);

settextstyle(1,1,5);

setcolor(WHITE);

outtextxy(580,95,"MUSIC FESTIVAL");

line(250,280,450,280);

line(250,280,270,240);

line(450,280,430,240);

settextstyle(1,0,4);

setcolor(YELLOW);

outtextxy(300,150,"SPLASH");

outtextxy(318,210,"SING");

settextstyle(1,0,3);

outtextxy(330,185,"AND");

setcolor(WHITE);

line(350,90,320,140);

line(350,90,380,140);

line(250,310,180,310);

rectangle(250,295,450,325);

line(450,310,520,310);

settextstyle(1,0,3);

outtextxy(295,295,"3rd APRIL");

settextstyle(1,0,1);

setcolor(YELLOW);

outtextxy(282,333,"TIME - 7:00 PM");

setcolor(WHITE);

settextstyle(1,0,2);

outtextxy(290,360,"DJ NUCLEYA");

settextstyle(2,0,5);

outtextxy(230,395,"FOR PASSES, CONTACT : 9826044366");

setfillstyle(1,BLUE);

rectangle(315,418,385,437);

floodfill(316,419,WHITE);

outtextxy(320,420,"REGISTER");

back();

}

void fest\_2()

{

cleardevice();

login();

tab();

festcolor();

name();

ex();

k: gotoxy(25,14);

gets(uname);

gotoxy(25,18);

gets(pswd);

for(int i=0;i<12;i++)

{

gotoxy(24+i,18);

cout<<"\*";

}

mouse a1;

a1.button=0;

while(!kbhit())

{ callmouse();

a1=getcoordinates();

if(a1.button==1)

{

hidemouse();

// cout<<a1.x<<a1.y;

if(a1.x>239 && a1.y>0 && a1.x<319 && a1.y<50)

{

cleardevice();

home();

}

if(a1.x>180 && a1.y>320 && a1.x<460 && a1.y<344)

{

stu s;

int c=0;

ifstream f;

f.open("student.dat",ios::in|ios::binary);

while(!f.eof())

{

f.read((char\*)&s,sizeof(s));

if(strcmp(uname,s.Stu\_ID)==0 && strcmp(pswd,s.Stu\_ID)==0)

{

c=1;

cleardevice();

tab();

festcolor();

name();

rectangle(0,75,639,445);

setfillstyle(SOLID\_FILL,WHITE);

line(100,75,100,85);

line(100,85,0,95);

floodfill(1,76,WHITE);

line(0,110,110,100);

line(0,118,110,118);

line(110,100,110,118);

floodfill(1,117,WHITE);

line(0,135,115,118);

line(115,118,113,148);

line(113,148,78,148);

line(78,148,78,142);

line(78,142,0,142);

floodfill(79,144,WHITE);

rectangle(0,150,125,168);

floodfill(1,159,WHITE);

line(0,185,105,183);

line(105,183,105,168);

line(115,168,122,205);

line(122,205,0,197);

floodfill(1,194,WHITE);

line(0,223,125,210);

line(125,210,129,235);

line(129,235,0,233);

floodfill(1,231,WHITE);

line(0,244,133,235);

rectangle(8,258,112,278);

line(0,280,8,278);

line(133,235,136,268);

line(136,268,112,263);

floodfill(1,257,WHITE);

line(112,267,143,272);

line(143,272,141,300);

line(141,300,80,297);

line(80,297,79,291);

line(79,291,19,297);

line(19,297,19,278);

floodfill(20,279,WHITE);

line(0,317,79,313);

line(79,313,79,306);

line(79,306,119,304);

line(119,304,123,332);

line(123,332,0,334);

floodfill(1,333,WHITE);

line(0,356,100,353);

line(100,353,100,336);

line(100,336,130,336);

line(130,336,133,373);

line(133,373,0,370);

floodfill(1,369,WHITE);

line(0,376,133,391);

line(133,391,137,410);

line(137,410,0,400);

floodfill(1,399,WHITE);

line(0,425,150,415);

line(150,415,155,445);

floodfill(149,416,WHITE);

settextstyle(1,1,5);

setcolor(WHITE);

outtextxy(580,95,"MUSIC FESTIVAL");

line(250,280,450,280);

line(250,280,270,240);

line(450,280,430,240);

settextstyle(1,0,4);

setcolor(YELLOW);

outtextxy(300,150,"SPLASH");

outtextxy(318,210,"SING");

settextstyle(1,0,3);

outtextxy(330,185,"AND");

setcolor(WHITE);

line(350,90,320,140);

line(350,90,380,140);

line(250,310,180,310);

rectangle(250,295,450,325);

line(450,310,520,310);

settextstyle(1,0,3);

outtextxy(295,295,"3rd APRIL");

setcolor(WHITE);

settextstyle(1,0,1);

outtextxy(298,255,"DJ NUCLEYA");

settextstyle(2,0,4);

outtextxy(250,335,"STUDENT ID : BTCMCI02979");

outtextxy(250,355,"NAME : SHRUTI");

outtextxy(250,375,"CONTACT : 9424400620");

outtextxy(250,395,"I-CODE : SNS001");

outtextxy(250,415,"TIME/VENUE : 7pm/SVVV ");

outtextxy(325,425,"BASKETBALL COURT");

back();

break;

}

}

if(c==0)

{

while(!kbhit())

{

setcolor(RED);

settextstyle(2,0,5);

outtextxy(230,360,"INCORRECT ID OR PASSWORD");

delay(200);

setcolor(BLACK);

settextstyle(2,0,5);

outtextxy(230,360,"INCORRECT ID OR PASSWORD");

delay(100);

}

goto k;

}

f.close();

}

if(a1.x>399 && a1.y>0 && a1.x<479 && a1.y<50)

{

cleardevice();

employee();

}

if(a1.x>479 && a1.y>0 && a1.x<559 && a1.y<50)

{

cleardevice();

admin();

}

if(a1.x>559 && a1.y>0 && a1.x<639 && a1.y<50)

{

cleardevice();

fest();

}

if(a1.x>10 && a1.y>445 && a1.x<46 && a1.y<480)

{

cleardevice();

exit(0);

}

if(a1.x>559 && a1.y>445 && a1.x<639 && a1.y<480)

{

fest();

}

}

}

}

void fest3()

{

cleardevice();

tab();

festcolor();

setfillstyle(SOLID\_FILL,CYAN);

rectangle(0,75,318,445);

floodfill(1,76,WHITE);

setfillstyle(SOLID\_FILL,YELLOW);

rectangle(318,75,639,445);

floodfill(319,76,WHITE);

setcolor(BLACK);

int i;

for(i=0;i<3;i++)

{

line(318+i,75,318+i,445);

}

settextstyle(8,0,5);

setcolor(BLACK);

outtextxy(10,80,"SPOT");

outtextxy(120,100,"EVENTS");

setcolor(BLACK);

outtextxy(342,80,"LEARNING");

outtextxy(370,120,"WORKSHOPS");

setcolor(RED);

settextstyle(3,0,7);

outtextxy(303,103,"&");

setcolor(BLACK);

setfillstyle(SOLID\_FILL,YELLOW);

line(140,185,319,185);

line(140,215,319,215);

line(120,200,140,215);

line(120,200,140,185);

floodfill(141,186,BLACK);

setfillstyle(1,CYAN);

line(319,230,498,230);

line(319,260,498,260);

line(498,260,519,245);

line(498,230,518,245);

floodfill(321,246,BLACK);

setfillstyle(SOLID\_FILL,YELLOW);

line(140,280,319,280);

line(140,310,319,310);

line(120,295,140,310);

line(120,295,140,280);

floodfill(141,281,BLACK);

setfillstyle(SOLID\_FILL,CYAN);

line(319,330,498,330);

line(319,360,498,360);

line(498,360,518,345);

line(498,330,518,345);

floodfill(399,331,BLACK);

setfillstyle(SOLID\_FILL,YELLOW);

line(140,380,319,380);

line(140,410,319,410);

line(120,395,140,410);

line(120,395,140,380);

floodfill(141,381,BLACK);

settextstyle(8,0,1);

outtextxy(145,188,"TREASUTE HUNT");

outtextxy(324,233,"HTML,XML & PHP");

outtextxy(165,283,"LAN GAMING");

outtextxy(345,333,"CORE JAVA");

outtextxy(170,383,"SPOT LIGHT");

settextstyle(8,1,2);

outtextxy(600,180,"CREATING A NEW YOU");

outtextxy(5,155,"PLAY AND GET SPOTTED");

settextstyle(2,0,5);

outtextxy(325,410,"REGISTER :");

outtextxy(325,430,"http:\\MIT.edu.com");

name();

back();

tabnav();

}

void fest4()

{

cleardevice();

tab();

festcolor();

name();

rectangle(0,75,639,445);

setfillstyle(SOLID\_FILL,BLUE);

floodfill(1,76,WHITE);

setfillstyle(SOLID\_FILL,RED); //TRIANGLE

line(5,75,155,150);

line(155,150,316,75);

line(5,75,316,75);

floodfill(100,80,WHITE);

line(15,75,25,80);

line(35,85,45,90);

line(55,95,65,100);

line(75,105,85,110);

line(95,115,105,120);

line(115,125,125,130);

line(135,135,145,140);

line(155,145,165,140);

line(175,135,185,130);

line(195,125,205,120);

line(215,115,225,110);

line(235,105,245,100);

line(255,95,265,90);

line(275,85,285,80);

setfillstyle(SOLID\_FILL,RED); //TRIANGLE

line(321,75,479,150);

line(479,150,634,75);

line(321,75,634,75);

floodfill(421,80,WHITE);

line(340,75,350,80);

line(360,85,370,90);

line(380,95,390,100);

line(400,105,410,110);

line(420,115,430,120);

line(440,125,450,130);

line(460,135,470,140);

line(480,145,490,140);

line(500,135,510,130);

line(520,125,530,120);

line(540,115,550,110);

line(560,105,570,100);

line(580,95,590,90);

line(600,85,610,80);

setfillstyle(1,CYAN);

line(150,190,320,115); //HEXAGON

line(320,115,490,190);

line(320,440,150,365);

line(320,440,490,365);

line(490,365,490,190);

line(150,365,150,190);

floodfill(463,190,WHITE);

setfillstyle(1,LIGHTCYAN);

line(319,125,464,190);

line(319,125,170,190);

line(464,190,170,190);

floodfill(320,130,WHITE);

setfillstyle(1,LIGHTCYAN);

line(165,365,464,365);

line(165,365,319,430);

line(319,430,464,365);

floodfill(170,366,WHITE);

setfillstyle(1,RED);

circle(490,320,70);

floodfill(491,321,WHITE);

floodfill(465,364,WHITE);

floodfill(468,368,WHITE);

floodfill(460,366,WHITE);

setcolor(RED);

line(490,365,490,250);

line(490,365,445,385);

line(464,365,438,365);

line(464,365,445,373);

setcolor(WHITE);

settextstyle(1,0,1);

outtextxy(436,280,"Starts from");

settextstyle(1,0,2);

outtextxy(445,315,"27 April");

outtextxy(460,350,"2019");

settextstyle(1,0,3);

outtextxy(210,200,"Summer Training");

settextstyle(1,0,1);

outtextxy(300,225,"on");

settextstyle(1,0,5);

outtextxy(265,250,"CMCI");

settextstyle(8,0,1);

outtextxy(240,308,"By: Gurpreet Sir");

setfillstyle(1,RED);

rectangle(270,353,353,377);

floodfill(271,354,WHITE);

floodfill(349,371,WHITE);

setcolor(RED);

line(271,365,352,365);

setcolor(WHITE);

settextstyle(2,0,5);

outtextxy(282,357,"REGISTER");

setcolor(CYAN);

line(140,270,140,260);

line(140,250,140,240);

line(140,280,140,290);

int i;

for(i=0;i<3;i++)

{

line(140-i,182,140-i,230);

line(140,182-i,180,163-i);

}

line(190,158,200,153);

line(210,148,220,144);

line(230,139,240,134);

line(250,130,260,125);

for(i=0;i<3;i++)

{

line(270,121-i,320,99-i);

line(320,99-i,380,125-i);

}

setcolor(WHITE);

back();

}

void fest\_1()

{

cleardevice();

login();

tab();

festcolor();

name();

ex();

k: gotoxy(25,14);

gets(uname);

gotoxy(25,18);

gets(pswd);

for(int i=0;i<12;i++)

{

gotoxy(24+i,18);

cout<<"\*";

}

mouse a1;

a1.button=0;

while(!kbhit())

{ callmouse();

a1=getcoordinates();

if(a1.button==1)

{

hidemouse();

// cout<<a1.x<<a1.y;

if(a1.x>239 && a1.y>0 && a1.x<319 && a1.y<50)

{

cleardevice();

home();

}

if(a1.x>180 && a1.y>320 && a1.x<460 && a1.y<344)

{

stu s;

int c=0;

ifstream f;

f.open("student.dat",ios::in|ios::binary);

while(!f.eof())

{

f.read((char\*)&s,sizeof(s));

if(strcmp(uname,s.Stu\_ID)==0 && strcmp(pswd,s.Stu\_ID)==0)

{

c=1;

cleardevice();

tab();

festcolor();

name();

setfillstyle(1,CYAN);

rectangle(0,75,639,445);

floodfill(121,76,WHITE);

setfillstyle(1,BLACK);

rectangle(145,95,500,400);

floodfill(146,96,WHITE);

setfillstyle(SOLID\_FILL,DARKGRAY); //LOGO

rectangle(270,105,390,165);

floodfill(300,150,WHITE);

setfillstyle(SOLID\_FILL,BLUE);

rectangle(280,110,290,160);

floodfill(285,115,WHITE);

setfillstyle(SOLID\_FILL,BLUE);

rectangle(300,110,310,135);

floodfill(305,120,WHITE);

setfillstyle(SOLID\_FILL,BLUE);

rectangle(320,110,330,160);

floodfill(325,120,WHITE);

setfillstyle(SOLID\_FILL,BLUE);

rectangle(340,110,350,120);

floodfill(345,115,WHITE);

setfillstyle(SOLID\_FILL,RED);

rectangle(340,130,350,160);

floodfill(345,140,WHITE);

setfillstyle(SOLID\_FILL,BLUE);

rectangle(360,110,380,120);

floodfill(365,115,WHITE);

setfillstyle(SOLID\_FILL,BLUE);

rectangle(360,130,370,160);

floodfill(365,140,WHITE);

settextstyle(2,0,5);

outtextxy(165,200,"PAYMENT ID :");

setfillstyle(1,WHITE);

rectangle(165,220,480,240);

floodfill(166,221,WHITE);

setfillstyle(1,BLUE);

rectangle(295,255,350,280);

floodfill(296,256,WHITE);

outtextxy(301,260,"SUBMIT");

settextstyle(2,0,4);

setcolor(RED);

outtextxy(150,360,"\*\* \*\*");

setcolor(WHITE);

outtextxy(185,365,"THE ABOVE PAYMENT ID CAN BE OBTAIN BY PAYING THE");

outtextxy(150,380,"SPECIFIC AMOUNT AT THE ACCOUNT SECTION IN THE CS MAIN BLOCK");

l: gotoxy(23,15);

char pid[11];

gets(pid);

mouse a2;

a2.button=0;

while(!kbhit())

{ callmouse();

a2=getcoordinates();

if(a2.button==1)

{

hidemouse();

// cout<<a1.x<<a1.y;

if(a2.x>295 && a2.y>255 && a2.x<350 && a2.y<280)

{

if(strcmp(pid,"PTMID001")!=0)

{ int c=0;

while(c<5)

{

setcolor(RED);

settextstyle(2,0,5);

outtextxy(267,310,"INCORRECT PAYID");

delay(200);

setcolor(BLACK);

settextstyle(2,0,5);

outtextxy(267,310,"INCORRECT PAYID");

delay(100);

c++;

}

goto l;

}

else

{

cleardevice();

tab();

festcolor();

name();

back();

int i;

rectangle(0,75,639,445);

for(i=0;i<3;i++)

{

line(100,100+i,500,100+i);

}

for(i=0;i<3;i++)

{

line(500+i,100,500+i,422);

}

for(i=0;i<3;i++)

{

line(100,420+i,500,420+i);

}

for(i=0;i<3;i++)

{

line(100+i,100,100+i,300);

}

for(i=0;i<3;i++)

{

line(100+i,380,100+i,420);

}

settextstyle(1,0,4);

outtextxy(65,300,"APRIL");

outtextxy(230,155,"Game of");

outtextxy(385,170,"3.0");

settextstyle(1,0,6);

outtextxy(230,180,"CODES");

settextstyle(2,0,4);

outtextxy(250,233,"ONLINE CODING");

line(250,260,250,390);

outtextxy(260,260,"PRIZE MONEY");

outtextxy(260,330,"STUDENT ID : BTCMCI02979");

outtextxy(260,345,"NAME : SHRUTI");

outtextxy(260,360,"CONTACT : 9424400620");

outtextxy(260,375,"VENUE : SVVV-PROGRAMMING LAB");

outtextxy(80,365,"10pm-1pm");

settextstyle(1,0,5);

outtextxy(260,270,"5K");

outtextxy(90,322,"3");

settextstyle(2,0,6);

outtextxy(535,80,"BASED ON");

settextstyle(1,1,8);

outtextxy(520,105,"PYTHON");

back();

}

}

if(c==0)

{

while(!kbhit())

{

setcolor(RED);

settextstyle(2,0,5);

outtextxy(230,360,"INCORRECT ID OR PASSWORD");

delay(200);

setcolor(BLACK);

settextstyle(2,0,5);

outtextxy(230,360,"INCORRECT ID OR PASSWORD");

delay(100);

}

goto k;

}

f.close();}

}

}

void home()

{

clrscr();

int gd=DETECT,gm;

initgraph(&gd,&gm,"c:\\turboc3\\bgi");

setfillstyle(SOLID\_FILL,RED);

rectangle(0,0,639,175);

floodfill(1,1,WHITE);

setfillstyle(SOLID\_FILL,BLACK);

rectangle(0,175,639,285);

floodfill(1,181,BLACK);

setfillstyle(SOLID\_FILL,RED);

rectangle(0,285,639,480);

floodfill(1,350,WHITE);

setfillstyle(SOLID\_FILL,YELLOW);

line(0,60,213,60);

line(213,60,185,87);

line(185,87,213,114);

line(0,114,213,114);

floodfill(1,70,WHITE);

setfillstyle(SOLID\_FILL,YELLOW);

line(426,60,939,60);

line(454,87,426,60);

line(454,87,426,114);

line(426,114,639,114);

floodfill(638,79,WHITE);

setfillstyle(SOLID\_FILL,YELLOW);

line(426,345,639,345);

line(426,345,454,372);

line(454,372,426,399);

line(426,399,639,399);

floodfill(638,398,WHITE);

setfillstyle(SOLID\_FILL,YELLOW);

line(0,345,213,345);

line(0,399,213,399);

line(185,372,213,345);

line(185,372,213,399);

floodfill(2,350,WHITE);

setcolor(BLACK);

settextstyle(1,0,3);

outtextxy(30,72,"STUDENT");

outtextxy(490,72,"EMPLOYEE");

outtextxy(30,355,"ADMIN");

outtextxy(520,355,"FEST");

setcolor(WHITE);

settextstyle(2,0,6);

outtextxy(125,175,"McLaren College of Information Technology");

outtextxy(255,260,"Experience IT");

setfillstyle(SOLID\_FILL,WHITE);

int i;

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

{

line(240+i,202,240+i,255);

line(272+i,202,272+i,255);

}

for(i=0;i<12;i++)

{

line(249+i,202+i,249+i,220+i);

line(272-i,202+i,272-i,220+i);

}

for(i=0;i<11;i++)

{

line(317+i,202,317+i,255);

}

for(i=0;i<34;i++)

{

line(366+i,202,366+i,210);

}

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

{

line(378+i,210,378+i,255);

}

}

void main()

{

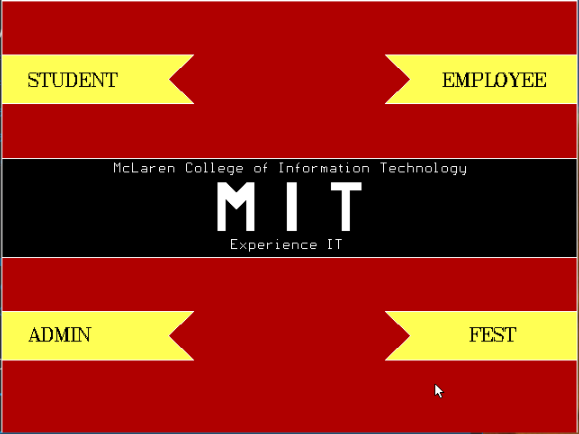
clrscr();

home();

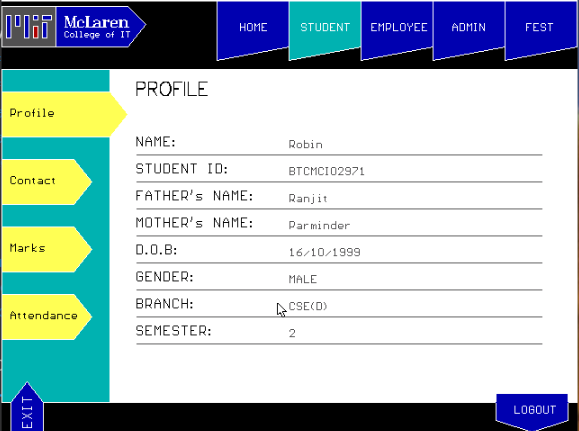
getch();

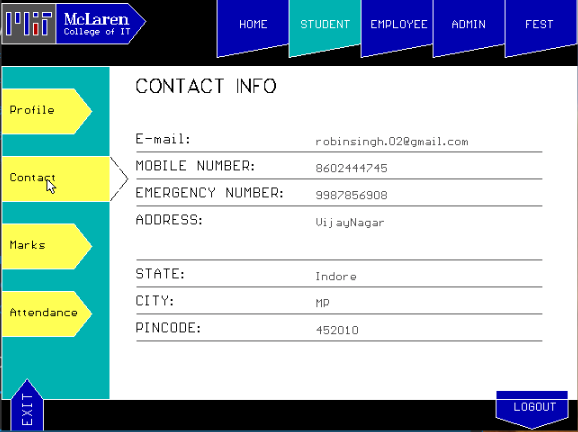
}

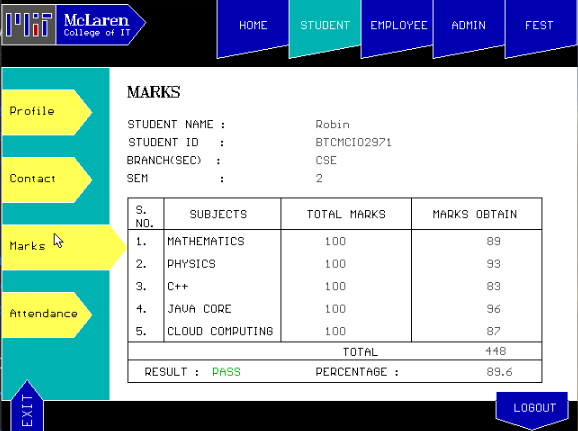
**PROJECT OUTPUT**

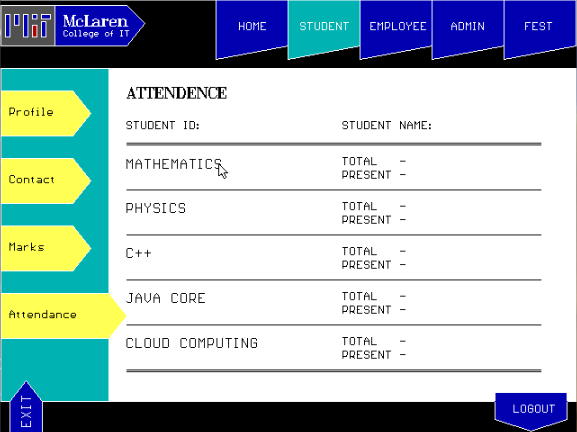
****

****

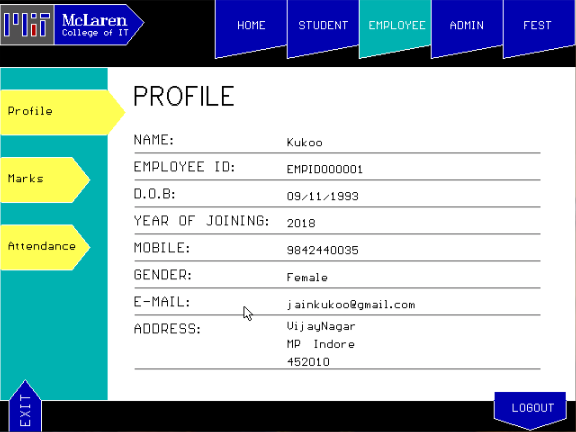
****

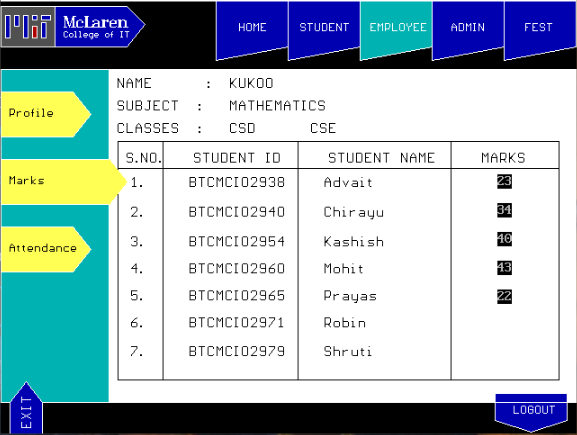
****

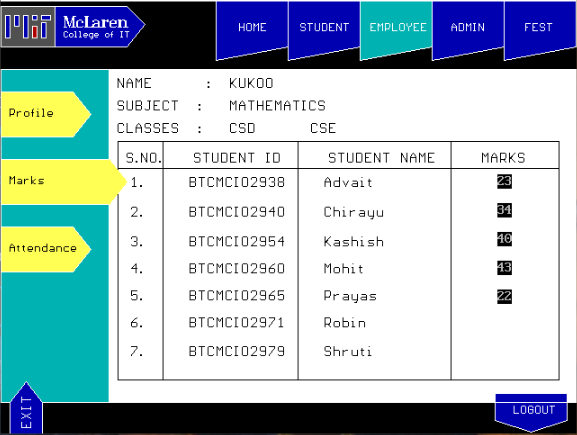
****

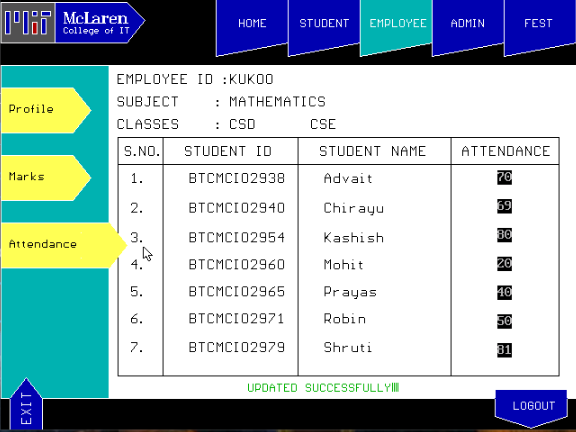
****

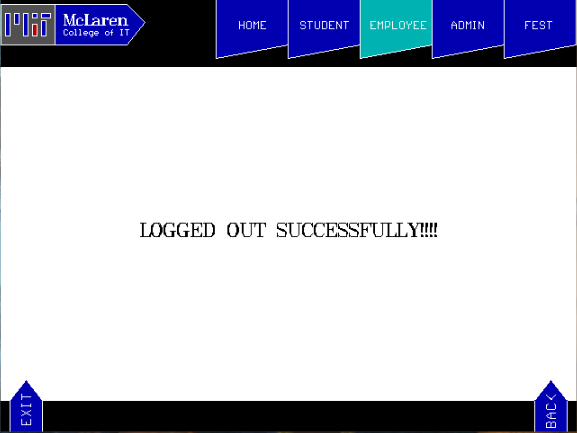
****

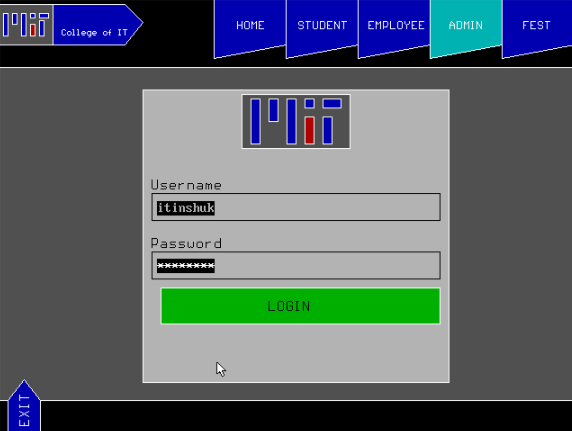
****

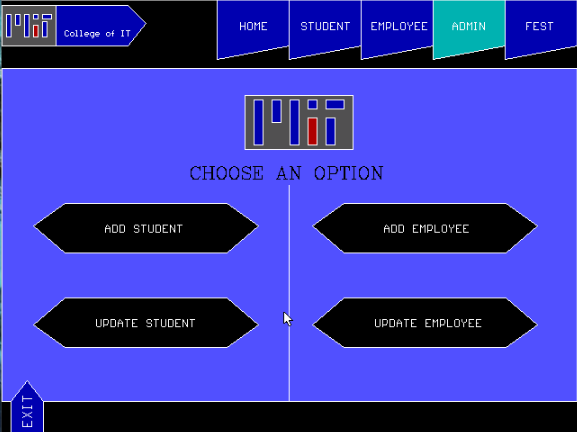
****

****

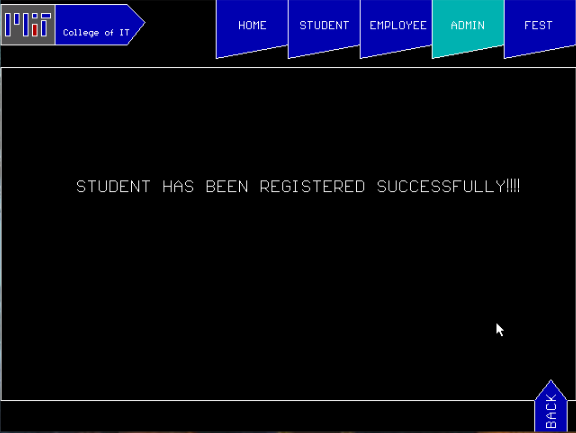
****

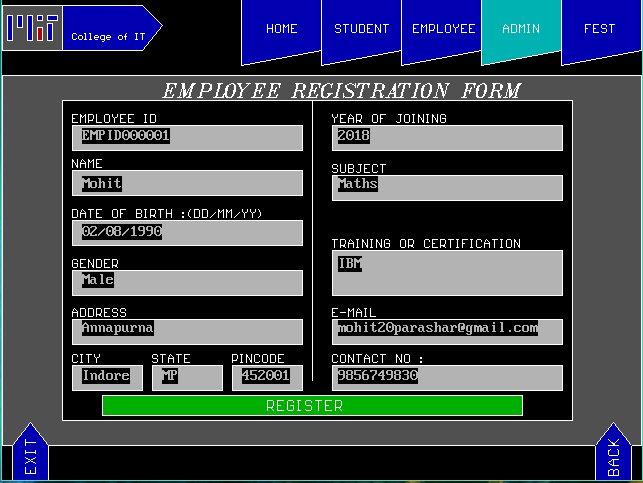
****

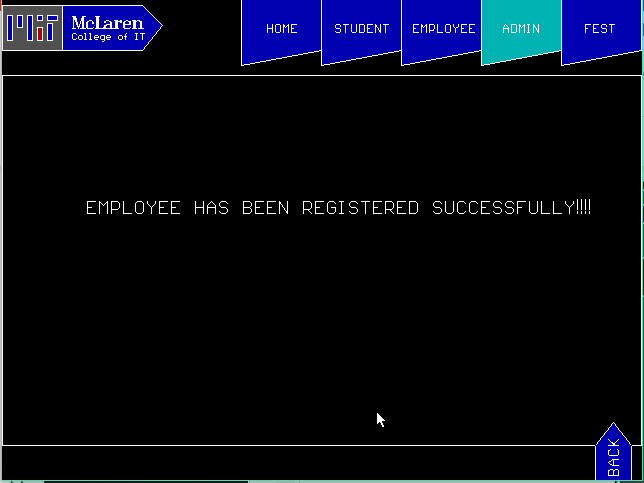
****

****

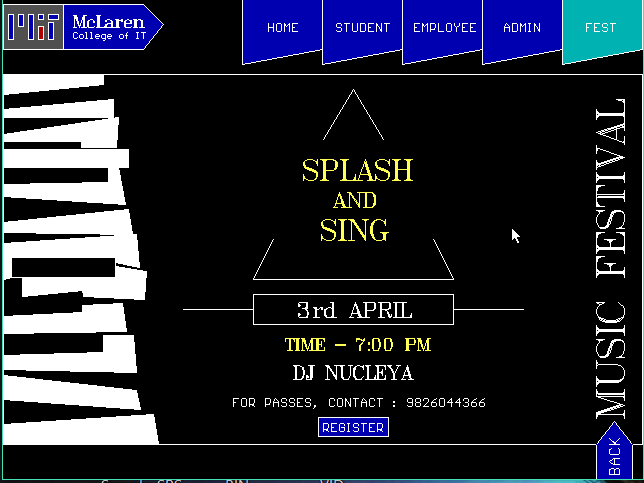
****

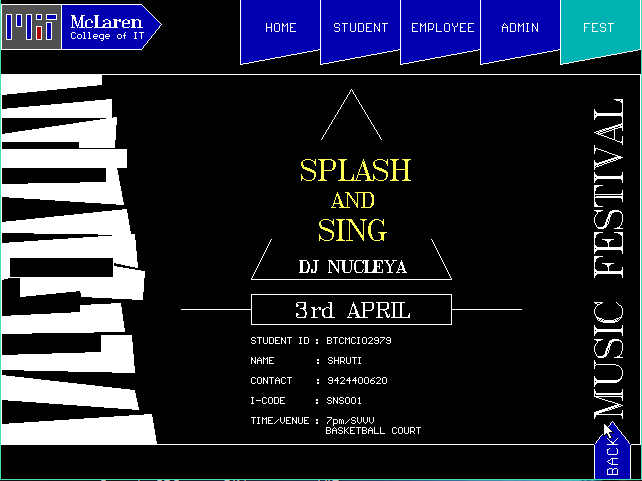
****

****

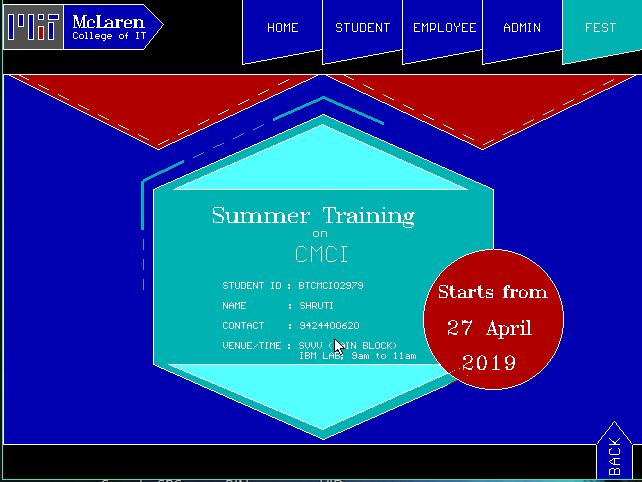
****

****

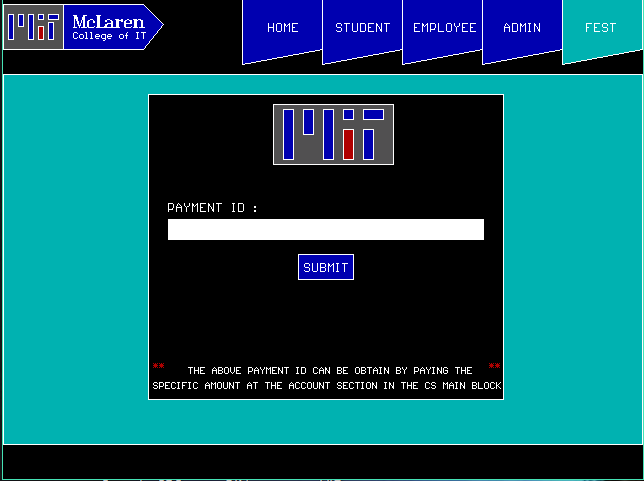
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**CONCLUSION:**

This project was a successful attempt for the College Management System. We came across very knowledgeable experience while working on this project. The project enhanced our programming part and polished our mental approach. It helped us to develop problem solving attitude. This project made us practically sound and improve our saturation level.