```java
import java.awt.Color;
import java.awt.Font;

import javax.swing.*;
import java.awt.*;
import java.awt.event.*;


public class Project extends JFrame implements ActionListener{
    Project() {
      setSize(1541,830);

      setTitle("university management system");
      JMenuBar mb = new JMenuBar();

      setJMenuBar(mb);

      JMenu m1 = new JMenu("NEW REGISTRATION ");
      JMenuItem stregis =  new JMenuItem("student registration");
      JMenuItem teregis = new JMenuItem("faculty registration");
      m1.setForeground(Color.magenta);

      mb.add(m1);
      m1.add(stregis);
      m1.add(teregis);

      stregis.addActionListener(this);
      teregis.addActionListener(new CancelClass());

      JMenu m2 = new JMenu ("SHOW DETAILS ");
      JMenuItem sdetail =  new JMenuItem("view student details");
      JMenuItem tdetail = new JMenuItem("view faculty details");
      m2.setForeground(Color.pink);

      mb.add(m2);
      m2.add(sdetail);
      m2.add(tdetail);

      sdetail.addActionListener(new stdetail());
      tdetail.addActionListener(new tedetail());

      JMenu m3 = new JMenu("APPLY LEAVE ");
      JMenuItem stleave = new JMenuItem ("student leave");
      JMenuItem tleave = new JMenuItem("faculty leave");
      m3.setForeground(Color.orange);

      mb.add(m3);
      m3.add(stleave);
      m3.add(tleave);

      stleave.addActionListener(new Stleave());
      tleave.addActionListener(new TeLeave());

      JMenu m4 = new JMenu ("LEAVE DETAILS ");
      m4.setForeground(Color.pink);
```

```java
JMenuItem  st = new JMenuItem("student leave details");
JMenuItem te = new JMenuItem("faculty leave details");

mb.add(m4);
m4.add(st);
m4.add(te);

st.addActionListener(new LeaveS());
te.addActionListener(new LeaveT());

JMenu m5 = new JMenu("EXAMINATION ");
JMenuItem exam = new JMenuItem("show marks");
JMenuItem enter = new JMenuItem("enter marks");

m5.setForeground(Color.red);

mb.add(m5);
m5.add(exam);
m5.add(enter);

exam.addActionListener(new ExamM());
enter.addActionListener(new Emarks());

JMenu m6 = new JMenu ("UPDATE DETAILS ");
JMenuItem ust = new JMenuItem ("update student details");
JMenuItem ufa = new JMenuItem ("update faculty details");

m6.setForeground(Color.green);

mb.add(m6);
m6.add(ust);
m6.add(ufa);

JMenu m7 = new JMenu("FEE ");
JMenuItem fstruct = new JMenuItem ("fees structure");
JMenuItem fee = new JMenuItem ("enter fee record");

m7.setForeground(Color.blue);

mb.add(m7);
m7.add(fstruct);
m7.add(fee);

fstruct.addActionListener(new Feestrct());
fee.addActionListener(new Feerecord());

ImageIcon i1 = new ImageIcon (ClassLoader .getSystemResource
("icons/img1.jpg")); //add image for background
Image i2 = i1.getImage(). getScaledInstance(1500,800,Image.SCALE_DEFAULT);
ImageIcon i3 = new ImageIcon(i2);
JLabel image = new JLabel(i3);

add(image);
```

```java
        setVisible(true);


    }

     public void actionPerformed(ActionEvent e) {


        Addstudent p = new Addstudent ();
        p.setVisible(true);


     }

    public static void main (String [] args){
      new Project();
    }
}


class CancelClass implements ActionListener
{
        public void actionPerformed(ActionEvent ae)
        {
                Addteacher at = new Addteacher();


        }
}
class stdetail implements ActionListener
{
        public void actionPerformed(ActionEvent e)
        {
                StudentDetails sd = new StudentDetails();


        }
}

class tedetail implements ActionListener
{
        public void actionPerformed(ActionEvent e)
        {
                TeacherDetails td = new TeacherDetails();


        }
}

class Stleave implements ActionListener
{
        public void actionPerformed(ActionEvent e)
        {
                StudentLeave st = new StudentLeave();
```

```java
        }
}


class TeLeave implements ActionListener
{
        public void actionPerformed(ActionEvent e)
        {
                TeacherLeave tl = new TeacherLeave();


        }
}
class LeaveS implements ActionListener
{
        public void actionPerformed(ActionEvent e)
        {
                SLeaveDetails st = new SLeaveDetails();


        }
}


class LeaveT implements ActionListener
{
        public void actionPerformed(ActionEvent e)
        {
                TLeaveDetails tl = new TLeaveDetails();


        }
}

class ExamM implements ActionListener
{
        public void actionPerformed(ActionEvent e)
        {
                ExamMarks exm = new ExamMarks();


        }
}
class Emarks implements ActionListener
{
        public void actionPerformed(ActionEvent e)
        {
                EnterMarks em = new EnterMarks();


        }
}

class Feestrct implements ActionListener
```

```java
{
    public void actionPerformed(ActionEvent e)
    {
        FeeStructure fs = new FeeStructure();


    }
}

class Feerecord implements ActionListener
{
    public void actionPerformed(ActionEvent e)
    {
        EnterFees fr = new EnterFees();


    }
}
```