

**Student Registration System**

GROUP PROJECT - 11



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* **Introduction**

The most essential piece of software in the modern world is the "**Student Registration System**." This software is crucial for every Sri Lankan educational institution as part of the country's digitalization process. It will make carrying out an institution's work simple and safe. This software will assist in the storage of student data and provide a simple method for using that data to carry out any tasks.

**Introduction to Java**

Sun Microsystems created the object-oriented, multi-threaded Java language in 1991. It is intended to be short, straightforward, and portable across several platforms and OSs.

* **Aspects of Java:**

C++-based syntax,

* Object-oriented design
* Support for web applications
* Vast collection of prewritten lessons
* cross-platform portability
* Integrated networking security since JRE is not accessible from other computer components
* **Java Programs:**
* Applet
* Tiny applications created to increase interactivity on websites
* Opened by the Internet browser after being downloaded along with the Web page
* Servlets
* Executed by the server's Web server
* Usually create stuff for the Web
* Applications
* Client-side standalone applications
* **Motivation**

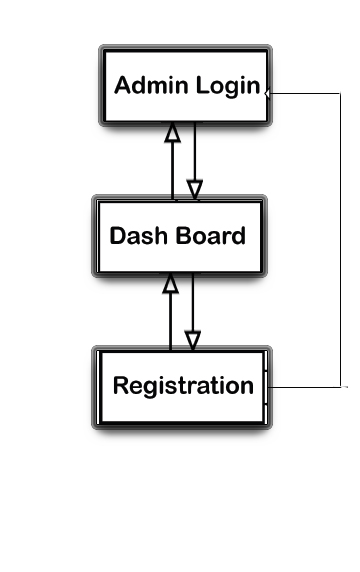
Sri Lanka is becoming more and more digitalized. However, as we have seen, not all educational institutions have a computerized registration system. Although we have seen this system in our college, there are no facilities like those in our university, an international university. We believed that was the reason we built this software.

* **Objective**

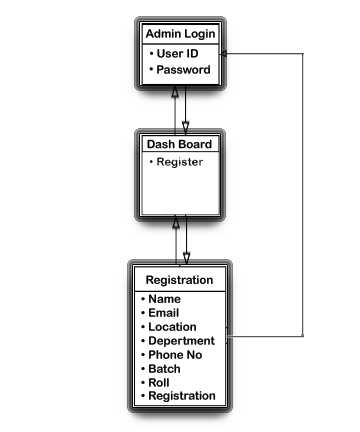
The "**Student Registration Systems**" goal is to streamline administration tasks at educational institutions.

The resources are:

* Contain Student Data.
* Can Add Students Information
* Store Students Details.
* **System Design**



**Simple UML**



**Complex UML**

* **Implement**

Here, we'll provide a thorough explanation of how the "**Student Registration System**" portion of our project will operate. Additionally, this development section will describe how we implement various works through our code.

* **Login**

In this code we connected to our dashboard. The code is given below:

import java.awt.event.KeyEvent;

import javax.swing.JFrame;

import javax.swing.JOptionPane;

public class login extends javax.swing.JFrame {

    public login() {

        initComponents();

        this.setLocationRelativeTo(null);

    }

    @SuppressWarnings("unchecked")

    private void initComponents() {

        jPanel1 = new javax.swing.JPanel();

        userid = new javax.swing.JTextField();

        password = new javax.swing.JPasswordField();

        exit = new javax.swing.JLabel();

        minimize = new javax.swing.JLabel();

        loinbuttton = new javax.swing.JLabel();

        developer = new javax.swing.JLabel();

        background = new javax.swing.JLabel();

        setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

        setUndecorated(true);

        jPanel1.setLayout(null);

        userid.setFont(new java.awt.Font("Arial Rounded MT Bold", 0, 20));

        userid.setBorder(null);

        userid.addActionListener(new java.awt.event.ActionListener() {

            public void actionPerformed(java.awt.event.ActionEvent evt) {

                useridActionPerformed(evt);

            }

        });

        jPanel1.add(userid);

        userid.setBounds(580, 190, 250, 30);

        password.setFont(new java.awt.Font("Arial Rounded MT Bold", 1, 20));

        password.setBorder(null);

        password.addKeyListener(new java.awt.event.KeyAdapter() {

            public void keyPressed(java.awt.event.KeyEvent evt) {

                passwordKeyPressed(evt);

            }

        });

        jPanel1.add(password);

        password.setBounds(580, 304, 250, 30);

        exit.setBackground(new java.awt.Color(255, 255, 255));

        exit.setIcon(new javax.swing.ImageIcon(getClass().getResource("/images/x.jpg")));

        exit.setCursor(new java.awt.Cursor(java.awt.Cursor.HAND\_CURSOR));

        exit.addMouseListener(new java.awt.event.MouseAdapter() {

            public void mouseClicked(java.awt.event.MouseEvent evt) {

                exitMouseClicked(evt);

            }

        });

        jPanel1.add(exit);

        exit.setBounds(840, 0, 30, 40);

        minimize.setBackground(new java.awt.Color(255, 255, 255));

        minimize.setIcon(new javax.swing.ImageIcon(getClass().getResource("/images/-.jpg")));

        minimize.setCursor(new java.awt.Cursor(java.awt.Cursor.HAND\_CURSOR));

        minimize.addMouseListener(new java.awt.event.MouseAdapter() {

            public void mouseClicked(java.awt.event.MouseEvent evt) {

                minimizeMouseClicked(evt);

            }

        });

        jPanel1.add(minimize);

        minimize.setBounds(800, 0, 30, 40);

        loinbuttton.setBackground(new java.awt.Color(255, 255, 255));

        loinbuttton.setIcon(new javax.swing.ImageIcon(getClass().getResource("/images/login button 2.png")));

        loinbuttton.setCursor(new java.awt.Cursor(java.awt.Cursor.HAND\_CURSOR));

        loinbuttton.addMouseListener(new java.awt.event.MouseAdapter() {

            public void mouseClicked(java.awt.event.MouseEvent evt) {

                loinbutttonMouseClicked(evt);

            }

        });

        loinbuttton.addKeyListener(new java.awt.event.KeyAdapter() {

            public void keyPressed(java.awt.event.KeyEvent evt) {

                loinbutttonKeyPressed(evt);

            }

        });

        jPanel1.add(loinbuttton);

        loinbuttton.setBounds(620, 370, 160, 40);

        developer.setForeground(new java.awt.Color(0, 153, 153));

        jPanel1.add(developer);

        developer.setBounds(10, 460, 180, 30);

        background.setIcon(new javax.swing.ImageIcon(getClass().getResource("/images/log\_img.jpg")));

        jPanel1.add(background);

        background.setBounds(0, 0, 880, 500);

        javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

        getContentPane().setLayout(layout);

        layout.setHorizontalGroup(

            layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

            .addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED\_SIZE, 881, javax.swing.GroupLayout.PREFERRED\_SIZE)

        );

        layout.setVerticalGroup(

            layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

            .addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED\_SIZE, 499, javax.swing.GroupLayout.PREFERRED\_SIZE)

        );

        pack();

    }

    private void useridActionPerformed(java.awt.event.ActionEvent evt) {

    }

    private void exitMouseClicked(java.awt.event.MouseEvent evt) {

        System.exit(0);

    }

    private void minimizeMouseClicked(java.awt.event.MouseEvent evt) {

        this.setState(JFrame.ICONIFIED);

    }

    private void loinbutttonMouseClicked(java.awt.event.MouseEvent evt) {

        String usi = userid.getText();

        String pas = password.getText();

        if (usi.equals("admin") && pas.equals("1234")) {

            new DashBoard().setVisible(true);

            this.dispose();

            userid.setText(null);

            password.setText(null);

        } else {

            JOptionPane.showMessageDialog(null, "Login ID or Password incorret");

            userid.setText(null);

            password.setText(null);

        }

    }

    private void loinbutttonKeyPressed(java.awt.event.KeyEvent evt) {

    }

    private void passwordKeyPressed(java.awt.event.KeyEvent evt) {

         String usi = userid.getText();

        String pas = password.getText();

        if(evt.getKeyCode()==KeyEvent.VK\_ENTER)

        {

         if (usi.equals("admin") && pas.equals("1234")) {

            new DashBoard().setVisible(true);

            this.dispose();

            userid.setText(null);

            password.setText(null);

        } else {

            JOptionPane.showMessageDialog(null, "Login ID or Password incorret");

            userid.setText(null);

            password.setText(null);

             }

        }

    }

    public static void main(String args[]) {

        java.awt.EventQueue.invokeLater(new Runnable() {

            public void run() {

                new login().setVisible(true);

            }

        });

    }

    private javax.swing.JLabel background;

    private javax.swing.JLabel developer;

    private javax.swing.JLabel exit;

    private javax.swing.JPanel jPanel1;

    private javax.swing.JLabel loinbuttton;

    private javax.swing.JLabel minimize;

    private javax.swing.JPasswordField password;

    private javax.swing.JTextField userid;

}

* **Dashboard**

In this code we can see our dashboard. and there are one components name “**Register**”. The code is given below:

import java.awt.Component;

import javax.swing.JFrame;

import javax.swing.JOptionPane;

public class DashBoard extends javax.swing.JFrame {

    private Component frame;

    public DashBoard() {

        initComponents();

        this.setLocationRelativeTo(null);

    }

    @SuppressWarnings("unchecked")

    private void initComponents() {

        jPanel1 = new javax.swing.JPanel();

        exit = new javax.swing.JLabel();

        logout = new javax.swing.JLabel();

        register = new javax.swing.JLabel();

        options = new javax.swing.JLabel();

        dashboard = new javax.swing.JLabel();

        setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

        setUndecorated(true);

        jPanel1.setLayout(null);

        exit.setCursor(new java.awt.Cursor(java.awt.Cursor.HAND\_CURSOR));

        exit.addMouseListener(new java.awt.event.MouseAdapter() {

            public void mouseClicked(java.awt.event.MouseEvent evt) {

                exitMouseClicked(evt);

            }

        });

        jPanel1.add(exit);

        exit.setBounds(770, 460, 30, 30);

        logout.setIcon(new javax.swing.ImageIcon(getClass().getResource("/images/logoutD.png")));

        logout.setCursor(new java.awt.Cursor(java.awt.Cursor.HAND\_CURSOR));

        logout.addMouseListener(new java.awt.event.MouseAdapter() {

            public void mouseClicked(java.awt.event.MouseEvent evt) {

                logoutMouseClicked(evt);

            }

        });

        jPanel1.add(logout);

        logout.setBounds(10, 460, 110, 30);

        register.setCursor(new java.awt.Cursor(java.awt.Cursor.HAND\_CURSOR));

        register.addMouseListener(new java.awt.event.MouseAdapter() {

            public void mouseClicked(java.awt.event.MouseEvent evt) {

                registerMouseClicked(evt);

            }

        });

        jPanel1.add(register);

        register.setBounds(440, 230, 180, 50);

        options.setIcon(new javax.swing.ImageIcon(getClass().getResource("/images/options.png")));

        jPanel1.add(options);

        options.setBounds(90, 70, 600, 380);

        dashboard.setIcon(new javax.swing.ImageIcon(getClass().getResource("/images/Dashboard\_1.jpg")));

        jPanel1.add(dashboard);

        dashboard.setBounds(0, 0, 811, 499);

        javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

        getContentPane().setLayout(layout);

        layout.setHorizontalGroup(

            layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

            .addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED\_SIZE, 808, javax.swing.GroupLayout.PREFERRED\_SIZE)

        );

        layout.setVerticalGroup(

            layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

            .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT\_SIZE, 496, Short.MAX\_VALUE)

        );

        pack();

    }

    private void exitMouseClicked(java.awt.event.MouseEvent evt) {

       if (JOptionPane.showConfirmDialog(frame, "Do you want to Close?", "Close Registation Form", JOptionPane.YES\_NO\_OPTION) == JOptionPane.YES\_NO\_OPTION)

        {

        System.exit(0);

        }

    }

    private void logoutMouseClicked(java.awt.event.MouseEvent evt) {

        frame = new JFrame("Exit");

        if (JOptionPane.showConfirmDialog(frame, "Are you sure you want to Logout !", "Logout", JOptionPane.YES\_NO\_OPTION) == JOptionPane.YES\_NO\_OPTION) {

            login log = new login();

            this.dispose();

            log.show();

        }

    }

    private void registerMouseClicked(java.awt.event.MouseEvent evt) {

        Register reg = new Register();

            reg.show();

    }

    public static void main(String args[]) {

        try {

            for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {

                if ("Nimbus".equals(info.getName())) {

                    javax.swing.UIManager.setLookAndFeel(info.getClassName());

                    break;

                }

            }

        } catch (ClassNotFoundException ex) {

            java.util.logging.Logger.getLogger(DashBoard.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

        } catch (InstantiationException ex) {

            java.util.logging.Logger.getLogger(DashBoard.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

        } catch (IllegalAccessException ex) {

            java.util.logging.Logger.getLogger(DashBoard.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

        } catch (javax.swing.UnsupportedLookAndFeelException ex) {

            java.util.logging.Logger.getLogger(DashBoard.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

        }

        java.awt.EventQueue.invokeLater(new Runnable() {

            public void run() {

                new DashBoard().setVisible(true);

            }

        });

    }

    private javax.swing.JLabel dashboard;

    private javax.swing.JLabel exit;

    private javax.swing.JPanel jPanel1;

    private javax.swing.JLabel logout;

    private javax.swing.JLabel options;

    private javax.swing.JLabel register;

}

* **Register**

In this code we can see our Register. The code is given below:

import java.awt.Color;

import java.awt.Component;

import javax.swing.JFrame;

import javax.swing.JOptionPane;

public class Register extends javax.swing.JFrame {

    private Component frame;

    int Xmouse;

    int Ymouse;

    public Register() {

        initComponents();

        this.setLocationRelativeTo(null);

        jPanel1.setFocusable(true);

        jPanel1.setBackground(new Color(0,0,0,0));

        TextField1.setBackground(new Color(0,0,0,0));

        TextField2.setBackground(new Color(0,0,0,0));

        TextField3.setBackground(new Color(0,0,0,0));

        TextField4.setBackground(new Color(0,0,0,0));

        TextField5.setBackground(new Color(0,0,0,0));

        TextField6.setBackground(new Color(0,0,0,0));

        TextField7.setBackground(new Color(0,0,0,0));

        TextField8.setBackground(new Color(0,0,0,0));

    }

    @SuppressWarnings("unchecked")

    private void initComponents() {

        jPanel1 = new javax.swing.JPanel();

        exit = new javax.swing.JLabel();

        minimize = new javax.swing.JLabel();

        resgister = new javax.swing.JLabel();

        taskbar = new javax.swing.JLabel();

        TextField1 = new javax.swing.JTextField();

        TextField2 = new javax.swing.JTextField();

        TextField3 = new javax.swing.JTextField();

        TextField4 = new javax.swing.JTextField();

        TextField5 = new javax.swing.JTextField();

        TextField6 = new javax.swing.JTextField();

        TextField7 = new javax.swing.JTextField();

        TextField8 = new javax.swing.JTextField();

        from = new javax.swing.JLabel();

        setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

        setBackground(new java.awt.Color(255, 255, 255));

        setUndecorated(true);

        jPanel1.setBackground(new java.awt.Color(255, 255, 255));

        jPanel1.setLayout(null);

        exit.setIcon(new javax.swing.ImageIcon(getClass().getResource("/images/ext.png")));

        exit.setCursor(new java.awt.Cursor(java.awt.Cursor.HAND\_CURSOR));

        exit.addMouseListener(new java.awt.event.MouseAdapter() {

            public void mouseClicked(java.awt.event.MouseEvent evt) {

                exitMouseClicked(evt);

            }

        });

        jPanel1.add(exit);

        exit.setBounds(430, 10, 30, 30);

        minimize.setIcon(new javax.swing.ImageIcon(getClass().getResource("/images/min.png")));

        minimize.setCursor(new java.awt.Cursor(java.awt.Cursor.HAND\_CURSOR));

        minimize.addMouseListener(new java.awt.event.MouseAdapter() {

            public void mouseClicked(java.awt.event.MouseEvent evt) {

                minimizeMouseClicked(evt);

            }

        });

        jPanel1.add(minimize);

        minimize.setBounds(400, 10, 30, 30);

        resgister.setCursor(new java.awt.Cursor(java.awt.Cursor.HAND\_CURSOR));

        resgister.addMouseListener(new java.awt.event.MouseAdapter() {

            public void mouseClicked(java.awt.event.MouseEvent evt) {

                resgisterMouseClicked(evt);

            }

        });

        jPanel1.add(resgister);

        resgister.setBounds(140, 460, 190, 50);

        taskbar.addMouseListener(new java.awt.event.MouseAdapter() {

            public void mousePressed(java.awt.event.MouseEvent evt) {

                taskbarMousePressed(evt);

            }

        });

        taskbar.addMouseMotionListener(new java.awt.event.MouseMotionAdapter() {

            public void mouseDragged(java.awt.event.MouseEvent evt) {

                taskbarMouseDragged(evt);

            }

        });

        jPanel1.add(taskbar);

        taskbar.setBounds(0, 0, 470, 40);

        TextField1.setFont(new java.awt.Font("Calibri", 1, 20));

        TextField1.setForeground(new java.awt.Color(255, 255, 255));

        TextField1.setHorizontalAlignment(javax.swing.JTextField.CENTER);

        TextField1.setText("Reg No");

        TextField1.setBorder(null);

        TextField1.addFocusListener(new java.awt.event.FocusAdapter() {

            public void focusGained(java.awt.event.FocusEvent evt) {

                TextField1FocusGained(evt);

            }

            public void focusLost(java.awt.event.FocusEvent evt) {

                TextField1FocusLost(evt);

            }

        });

        jPanel1.add(TextField1);

        TextField1.setBounds(320, 400, 100, 30);

        TextField2.setFont(new java.awt.Font("Calibri", 1, 20));

        TextField2.setForeground(new java.awt.Color(255, 255, 255));

        TextField2.setHorizontalAlignment(javax.swing.JTextField.CENTER);

        TextField2.setText("Name");

        TextField2.setBorder(null);

        TextField2.addFocusListener(new java.awt.event.FocusAdapter() {

            public void focusGained(java.awt.event.FocusEvent evt) {

                TextField2FocusGained(evt);

            }

            public void focusLost(java.awt.event.FocusEvent evt) {

                TextField2FocusLost(evt);

            }

        });

        jPanel1.add(TextField2);

        TextField2.setBounds(90, 90, 330, 30);

        TextField3.setFont(new java.awt.Font("Calibri", 1, 20));

        TextField3.setForeground(new java.awt.Color(255, 255, 255));

        TextField3.setHorizontalAlignment(javax.swing.JTextField.CENTER);

        TextField3.setText("Email");

        TextField3.setBorder(null);

        TextField3.addFocusListener(new java.awt.event.FocusAdapter() {

            public void focusGained(java.awt.event.FocusEvent evt) {

                TextField3FocusGained(evt);

            }

            public void focusLost(java.awt.event.FocusEvent evt) {

                TextField3FocusLost(evt);

            }

        });

        jPanel1.add(TextField3);

        TextField3.setBounds(90, 150, 330, 30);

        TextField4.setFont(new java.awt.Font("Calibri", 1, 20));

        TextField4.setForeground(new java.awt.Color(255, 255, 255));

        TextField4.setHorizontalAlignment(javax.swing.JTextField.CENTER);

        TextField4.setText("Location");

        TextField4.setBorder(null);

        TextField4.addFocusListener(new java.awt.event.FocusAdapter() {

            public void focusGained(java.awt.event.FocusEvent evt) {

                TextField4FocusGained(evt);

            }

            public void focusLost(java.awt.event.FocusEvent evt) {

                TextField4FocusLost(evt);

            }

        });

        jPanel1.add(TextField4);

        TextField4.setBounds(90, 210, 330, 40);

        TextField5.setFont(new java.awt.Font("Calibri", 1, 20));

        TextField5.setForeground(new java.awt.Color(255, 255, 255));

        TextField5.setHorizontalAlignment(javax.swing.JTextField.CENTER);

        TextField5.setText("Depertment");

        TextField5.setBorder(null);

        TextField5.addFocusListener(new java.awt.event.FocusAdapter() {

            public void focusGained(java.awt.event.FocusEvent evt) {

                TextField5FocusGained(evt);

            }

            public void focusLost(java.awt.event.FocusEvent evt) {

                TextField5FocusLost(evt);

            }

        });

        jPanel1.add(TextField5);

        TextField5.setBounds(90, 280, 330, 30);

        TextField6.setFont(new java.awt.Font("Calibri", 1, 20));

        TextField6.setForeground(new java.awt.Color(255, 255, 255));

        TextField6.setHorizontalAlignment(javax.swing.JTextField.CENTER);

        TextField6.setText("Phone");

        TextField6.setBorder(null);

        TextField6.addFocusListener(new java.awt.event.FocusAdapter() {

            public void focusGained(java.awt.event.FocusEvent evt) {

                TextField6FocusGained(evt);

            }

            public void focusLost(java.awt.event.FocusEvent evt) {

                TextField6FocusLost(evt);

            }

        });

        jPanel1.add(TextField6);

        TextField6.setBounds(90, 340, 330, 30);

        TextField7.setFont(new java.awt.Font("Calibri", 1, 20));

        TextField7.setForeground(new java.awt.Color(255, 255, 255));

        TextField7.setHorizontalAlignment(javax.swing.JTextField.CENTER);

        TextField7.setText("Batch No");

        TextField7.setBorder(null);

        TextField7.addFocusListener(new java.awt.event.FocusAdapter() {

            public void focusGained(java.awt.event.FocusEvent evt) {

                TextField7FocusGained(evt);

            }

            public void focusLost(java.awt.event.FocusEvent evt) {

                TextField7FocusLost(evt);

            }

        });

        jPanel1.add(TextField7);

        TextField7.setBounds(40, 400, 110, 30);

        TextField8.setFont(new java.awt.Font("Calibri", 1, 20));

        TextField8.setForeground(new java.awt.Color(255, 255, 255));

        TextField8.setHorizontalAlignment(javax.swing.JTextField.CENTER);

        TextField8.setText("Roll");

        TextField8.setBorder(null);

        TextField8.addFocusListener(new java.awt.event.FocusAdapter() {

            public void focusGained(java.awt.event.FocusEvent evt) {

                TextField8FocusGained(evt);

            }

            public void focusLost(java.awt.event.FocusEvent evt) {

                TextField8FocusLost(evt);

            }

        });

        jPanel1.add(TextField8);

        TextField8.setBounds(180, 400, 100, 30);

        from.setIcon(new javax.swing.ImageIcon(getClass().getResource("/images/register form\_1.png")));

        jPanel1.add(from);

        from.setBounds(0, 0, 470, 560);

        javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

        getContentPane().setLayout(layout);

        layout.setHorizontalGroup(

            layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

            .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT\_SIZE, 465, Short.MAX\_VALUE)

        );

        layout.setVerticalGroup(

            layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

            .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT\_SIZE, 560, Short.MAX\_VALUE)

        );

        pack();

    }

    private void exitMouseClicked(java.awt.event.MouseEvent evt) {

        if (JOptionPane.showConfirmDialog(frame, "Do you want to Close?", "Close Registation Form", JOptionPane.YES\_NO\_OPTION) == JOptionPane.YES\_NO\_OPTION)

        {

        this.dispose();

        }

    }

    private void minimizeMouseClicked(java.awt.event.MouseEvent evt) {

       this.setState(JFrame.ICONIFIED);

    }

    private void resgisterMouseClicked(java.awt.event.MouseEvent evt) {

        JOptionPane.showMessageDialog(null, "Congratulation! Registation Completed");

    TextField1.setText(null);

    TextField2.setText(null);

    TextField3.setText(null);

    TextField4.setText(null);

    TextField5.setText(null);

    TextField6.setText(null);

    TextField7.setText(null);

    TextField8.setText(null);

    }

    private void taskbarMouseDragged(java.awt.event.MouseEvent evt) {

      int x = evt.getXOnScreen();

        int y = evt.getXOnScreen();

        this.setLocation(x - Xmouse, y -Ymouse);

    }

    private void taskbarMousePressed(java.awt.event.MouseEvent evt) {

        Xmouse = evt.getX();

        Ymouse = evt.getY();

    }

    private void TextField2FocusGained(java.awt.event.FocusEvent evt) {

         if(TextField2.getText().equals("Name")){

            TextField2.setText("");

            TextField2.setForeground(Color.WHITE);

        }

    }

    private void TextField2FocusLost(java.awt.event.FocusEvent evt) {

         if(TextField2.getText().equals("")){

            TextField2.setText("Name");

            TextField2.setForeground(new Color(255,255,255));

        }

    }

    private void TextField3FocusGained(java.awt.event.FocusEvent evt) {

       if(TextField3.getText().equals("Email")){

            TextField3.setText("");

            TextField3.setForeground(Color.WHITE);

        }

    }

    private void TextField3FocusLost(java.awt.event.FocusEvent evt) {

          if(TextField3.getText().equals("")){

            TextField3.setText("Email");

            TextField3.setForeground(new Color(255,255,255));

        }

    }

    private void TextField4FocusGained(java.awt.event.FocusEvent evt) {

       if(TextField4.getText().equals("Location")){

           TextField4.setText("");

           TextField4.setForeground(Color.WHITE);

        }

    }

    private void TextField4FocusLost(java.awt.event.FocusEvent evt) {

          if(TextField4.getText().equals("")){

            TextField4.setText("Location");

            TextField4.setForeground(new Color(255,255,255));

        }

    }

    private void TextField6FocusGained(java.awt.event.FocusEvent evt) {

        if(TextField6.getText().equals("Phone")){

            TextField6.setText("");

            TextField6.setForeground(Color.WHITE);

        }

    }

    private void TextField6FocusLost(java.awt.event.FocusEvent evt) {

         if(TextField6.getText().equals("")){

            TextField6.setText("Phone");

            TextField6.setForeground(new Color(255,255,255));

        }

    }

    private void TextField7FocusGained(java.awt.event.FocusEvent evt) {

        if(TextField7.getText().equals("Batch No")){

            TextField7.setText("");

            TextField7.setForeground(Color.WHITE);

        }

    }

    private void TextField7FocusLost(java.awt.event.FocusEvent evt) {

        if(TextField7.getText().equals("")){

           TextField7.setText("Batch No");

           TextField7.setForeground(new Color(255,255,255));

        }

    }

    private void TextField8FocusGained(java.awt.event.FocusEvent evt) {

         if(TextField8.getText().equals("Roll")){

            TextField8.setText("");

            TextField8.setForeground(Color.WHITE);

        }

    }

    private void TextField8FocusLost(java.awt.event.FocusEvent evt) {

       if(TextField8.getText().equals("")){

          TextField8.setText("Roll");

          TextField8.setForeground(new Color(255,255,255));

        }

    }

    private void TextField1FocusGained(java.awt.event.FocusEvent evt) {

        if(TextField1.getText().equals("Reg No")){

            TextField1.setText("");

            TextField1.setForeground(Color.WHITE);

        }

    }

    private void TextField1FocusLost(java.awt.event.FocusEvent evt) {

       if(TextField1.getText().equals("")){

          TextField1.setText("Reg No");

          TextField1.setForeground(new Color(255,255,255));

        }

    }

    private void TextField5FocusGained(java.awt.event.FocusEvent evt) {

       if(TextField5.getText().equals("Depertment")){

            TextField5.setText("");

            TextField5.setForeground(Color.WHITE);

        }

    }

    private void TextField5FocusLost(java.awt.event.FocusEvent evt) {

        if(TextField5.getText().equals("")){

          TextField5.setText("Depertment");

          TextField5.setForeground(new Color(255,255,255));

        }

    }

    public static void main(String args[]) {

        try {

            for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {

                if ("Nimbus".equals(info.getName())) {

                    javax.swing.UIManager.setLookAndFeel(info.getClassName());

                    break;

                }

            }

        } catch (ClassNotFoundException ex) {

            java.util.logging.Logger.getLogger(Register.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

        } catch (InstantiationException ex) {

            java.util.logging.Logger.getLogger(Register.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

        } catch (IllegalAccessException ex) {

            java.util.logging.Logger.getLogger(Register.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

        } catch (javax.swing.UnsupportedLookAndFeelException ex) {

            java.util.logging.Logger.getLogger(Register.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

        }

        java.awt.EventQueue.invokeLater(new Runnable() {

            public void run() {

                new Register().setVisible(true);

            }

        });

    }

    private javax.swing.JTextField TextField1;

    private javax.swing.JTextField TextField2;

    private javax.swing.JTextField TextField3;

    private javax.swing.JTextField TextField4;

    private javax.swing.JTextField TextField5;

    private javax.swing.JTextField TextField6;

    private javax.swing.JTextField TextField7;

    private javax.swing.JTextField TextField8;

    private javax.swing.JLabel exit;

    private javax.swing.JLabel from;

    private javax.swing.JPanel jPanel1;

    private javax.swing.JLabel minimize;

    private javax.swing.JLabel resgister;

    private javax.swing.JLabel taskbar;

}

* **Result**

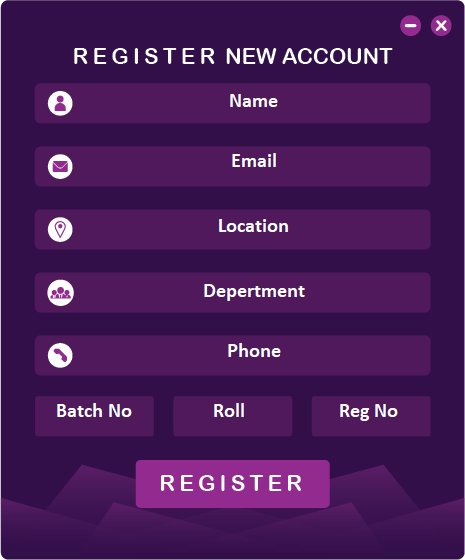
Result is the Graphical interface part of a project. below here is our “Student Registration System” projects Results:



**Admin Login**



**Dashboard**



**Register form**

* **Limitations**

There is everything have some of limitations. here is some limitation of our software:

* It is not fully user friendly.
* Only one admin can access.
* Can use only one user at a time.
* Not ready for industrial purpose.
* Need to improve user interface.
* Not well protected.
* No database.
* **Future Works**

Here is some of works what we want to implement in our software in future to work smoothly:

* Have to make it fully user friendly.
* Have to make it multiple admin accessible.
* Have to make it Online.
* Have to make it multiple admin accessible at a time.
* Have to make it ready for industrial user.
* Have to make it improve user interface.
* Have to make it well protected.
* Have to make the Software portable.