



MINOR PROJECT REPORT

CAP680: PROGRAMMING IN JAVA-LABORATORY

SUBMITTED TO

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in partial fulfilment of the requirements for the award of degree of
Master of Computer Applications

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Acknowledgement

We would like to express our sincere gratitude and appreciation to **Jaswinder Singh**, faculty at our institute, for his invaluable guidance and support throughout the development of our minor project "Emergency". His expertise in this field has enabled us to complete the project successfully. We are deeply indebted to him for his patience and understanding throughout the course of this project.

Introduction

Overview of the Project:

The rapid growth of technology has made significant advancements in various fields, including transportation. However, with this advancement comes an increase in traffic hazards, leading to a rise in the ratio of road accidents. Often, the loss of life is due to poor emergency facilities, and women's safety remains a significant concern.

Crimes against women, especially rape cases, are terrifying and dreadful. To address this issue, our research provides a solution for detecting accidents and ensuring women's safety through a desktop-based application. The application has been divided into four modules based on functionalities to build an integrated system that covers various aspects of vehicle accident detection and women's safety.

The desktop-based application uses location tracking technology to identify the location of the user with a single click whenever the need arises. This application fetches the device's location if the user chooses to allow the app to track their location. After identifying the location, the application sends a notification message to the police, ambulance, fire force, or any other necessary service by selecting the required services.

In summary, the desktop-based application provides an effective solution to address the issue of women's safety and accident detection. The app's ease of use and timely notification to emergency services can save lives and minimize the damage caused by accidents.

Objective of Project:

The desktop-based idea for this application is aimed at addressing the issue of women's safety, which is one of the top priorities. As the number of cases continues to increase, it is essential to provide a means for women to seek help and protection. The application can be easily accessed through a desktop computer and can be used in times of distress by activating it with a single click.

The application uses GPS technology to track the user's location and sends a notification message to emergency services, such as the police, ambulance, fire department, and others, with the necessary details. This allows emergency services to respond quickly and provide timely assistance to those in need.

The desktop-based application provides a more comfortable and reliable means of accessing emergency services during times of distress. It is an essential tool in promoting women's safety and providing a sense of security and protection to everyone.

Module Specification

1. Admin:

The admin module provides the functionality to manage services. It includes the following features:

- a) Show Services: This feature displays all the existing services such as police, ambulance, fire department, and others.
- b) Add Service: This feature allows the admin to add a new service to the system.
- c) Remove Service: This feature allows the admin to delete an existing service from the system.

2. Police:

The police module provides the functionality to manage alerts from users. It includes the following features:

- a) Quick Alerts: This feature displays the alerts from the user's quick alert button, which sends an emergency notification to the nearby police services with a single click.
- b) Normal Alerts: This feature displays normal alerts from the user's app, which allows them to report a non-emergency situation to the police.
- c) Respond: This feature allows the police to send custom responses to the user's alerts, providing timely assistance and information.

3. Ambulance:

The ambulance module provides the functionality to manage alerts from users. It includes the following features:

- a) Quick Alerts: This feature displays the alerts from the user's quick alert button, which sends an emergency notification to the nearby ambulance services with a single click.
- b) Normal Alerts: This feature displays normal alerts from the user's app, which allows them to report a non-emergency situation to the ambulance.
- c) Respond: This feature allows the ambulance services to send custom responses to the user's alerts, providing timely assistance and information.

4. User:

The user module provides the functionality for the user to alert nearby police and ambulance services during emergencies. It includes the following features:

- a) Quick Alert: This feature enables the user to quickly alert nearby police and ambulance services in a single click using the quick alert button.
- b) Call Police: This feature enables the user to manually send an alert to nearby police services.
- c) Call Ambulance: This feature enables the user to manually send an alert to nearby ambulance services.

Coding

Database Module:

```
// A package named admin_app
package admin_app;

// Importing necessary libraries
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.SQLException;

// A class named B_Database
public class B_Database {

    // A static method to get the database connection
    public static Connection getConnection(){

        // Initializing a Connection variable named con to null
        Connection con=null;

        try{

            // Loading the MySQL driver
            Class.forName("com.mysql.cj.jdbc.Driver");

            // Creating a connection to the MySQL database
            con=DriverManager.getConnection("jdbc:mysql://localhost:3306/emerngec","root","");

        }catch(ClassNotFoundException | SQLException e){

            // Printing the error message if there's any exception
            System.out.println(e);

        }

        // Returning the Connection variable
        return con;

    }

    // A static method to validate the user credentials
    static boolean validate(String name, String password) {
```

```

        // Throwing an UnsupportedOperationException with a message
        throw new UnsupportedOperationException("Not supported yet.");

// Generated from
nbfs://nbhost/SystemFileSystem/Templates/Classes/Code/GeneratedMethodBody
    }
}

```

Backend Module:

```

// A package named admin_app
package admin_app;

// Importing necessary libraries
import java.sql.*;

// A class named Backend_connection
public class Backend_connection {

    // A static method to save user data into the service table
    public static int save(String name,String password,String email,String address,String
service,String contact){

        // Initializing a variable named status to zero
        int status=0;

        try{

            // Creating a connection to the MySQL database using the getConnection
method of the B_Database class
            try (Connection con = B_Database.getConnection()) {

                // Preparing an SQL statement to insert data into the service table
                PreparedStatement ps=con.prepareStatement("insert into
service(name,password,email,address,service,contact) values(?,?,?,?,?,?)");

                // Setting the values for the placeholders in the SQL statement
                ps.setString(1,name);
                ps.setString(2,password);
                ps.setString(3,email);
                ps.setString(4,address);

```

```

        ps.setString(5,service);
        ps.setString(6,contact);
        // Executing the SQL statement and storing the returned status value
        status=ps.executeUpdate();
    }
} catch(SQLException e){
    // Printing the error message if there's any exception
    System.out.println(e);
}
// Returning the status value
return status;
}

// A static method to validate the user credentials
public static boolean validate(String name,String password){
    // Initializing a variable named status to false
    boolean status=false;
    try{
        // Creating a connection to the MySQL database using the getConnection
        method of the B_Database class
        try (Connection con = B_Database.getConnection()) {
            // Preparing an SQL statement to select data from the service table
            where the given name and password match
            PreparedStatement ps=con.prepareStatement("select * from service
            where name=? and password=?");
            // Setting the values for the placeholders in the SQL statement
            ps.setString(1,name);
            ps.setString(2,password);
            // Executing the SQL statement and storing the returned result set
            ResultSet rs=ps.executeQuery();
            // Checking if the result set has any rows
            status=rs.next();
        }
    }
}

```

```

        }catch(SQLException e){
            // Printing the error message if there's any exception
            System.out.println(e);
        }
        // Returning the status value
        return status;
    }
}

```

Admin Module:

```

// This package is named "admin_app".
package admin_app;

// Importing the "frame" object from the "D_login" class in the same package using static import.
import static admin_app.D_login.frame;

// Importing the "EventQueue" class from the "java.awt" package.
import java.awt.EventQueue;

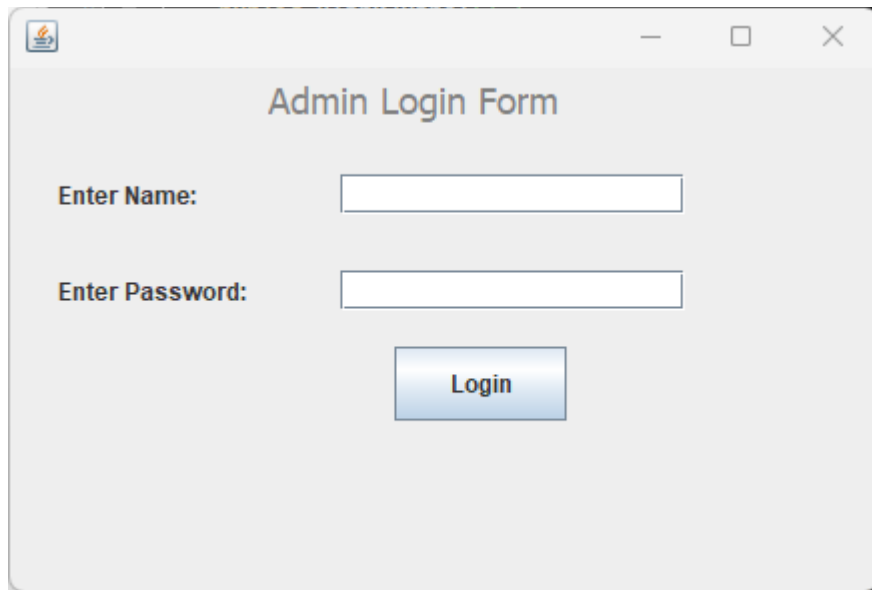
// This class is named "Admin_App".
public class Admin_App {
    // The main method of the application.
    public static void main(String[] args) {
        // Invoking a new thread using the "EventQueue.invokeLater()" method.
        // This is done to avoid any potential issues with the Swing event dispatch thread.
        EventQueue.invokeLater(() -> {
            try {
                // Creating a new instance of the "D_login" class and setting it as the frame.
                frame = new D_login();

                // Setting the visibility of the frame to true.
                frame.setVisible(true);
            } catch (Exception e) {
                // Handling any potential exceptions that might occur.
            }
        });
    }
}

```



```
    }  
    });  
}
```



D Login Module:

```
package admin_app;  
  
import java.awt.EventQueue;  
import javax.swing.JFrame;  
import javax.swing.JPanel;  
import javax.swing.border.EmptyBorder;  
import javax.swing.GroupLayout;  
import javax.swing.GroupLayout.Alignment;  
import javax.swing.JLabel;  
import javax.swing.JOptionPane;  
import java.awt.Font;  
import java.awt.Color;  
import javax.swing.JTextField;  
import javax.swing.JButton;  
import java.awt.event.ActionEvent;  
import javax.swing.JPasswordField;
```

```

public class D_login extends JFrame {

    static D_login frame;

    private final JPanel contentPane;

    private JTextField textField;

    private JPasswordField passwordField;

    /**
     * Launch the application.
     * @param args
     */
    public static void main(String[] args) {
        EventQueue.invokeLater(() -> {
            try {
                frame = new D_login();
                frame.setVisible(true);
            } catch (Exception e) {
            }
        });
    }

    /**
     * Create the frame.
     */
    public D_login() {
        setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        setBounds(100, 100, 450, 300);
        contentPane = new JPanel();
        contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));
        setContentPane(contentPane);
        JLabel lblAdminLoginForm = new JLabel("Admin Login Form");
        lblAdminLoginForm.setForeground(Color.GRAY);
        lblAdminLoginForm.setFont(new Font("Tahoma", Font.PLAIN, 18));
    }
}

```

```

        JLabel lblEnterName = new JLabel("Enter Name:");
        JLabel lblEnterPassword = new JLabel("Enter Password:");
        textField = new JTextField();
        textField.setColumns(10);
        JButton btnLogin = new JButton("Login");
        btnLogin.addActionListener((ActionEvent e) -> {
            String name=textField.getText();
            String password=String.valueOf(passwordField.getPassword());
            if(name.equals("root")&&password.equals("root")){
                D_main.main(new String[]{});
                frame.dispose();
            }
            else{
                JOptionPane.showMessageDialog(D_login.this, "Sorry, Username or Password
Error", "Login Error!", JOptionPane.ERROR_MESSAGE);
                textField.setText("");
                passwordField.setText("");
            }
        });

        passwordField = new JPasswordField();
        GroupLayout gl_contentPane = new GroupLayout(contentPane);
        gl_contentPane.setHorizontalGroup(
            gl_contentPane.createParallelGroup(Alignment.TRAILING)
                .addGroup(gl_contentPane.createSequentialGroup()

                    .addGroup(gl_contentPane.createParallelGroup(Alignment.LEADING)
                        .addGroup(gl_contentPane.createSequentialGroup()
                            .addGap(124)
                            .addComponent(lblAdminLoginForm))
                        .addGroup(gl_contentPane.createSequentialGroup()
                            .addGap(19)

```

```

        .addGroup(gl_contentPane.createParallelGroup(Alignment.LEADING)
                                .addComponent(lblEnterName)
                                .addComponent(lblEnterPassword))
        .addGap(47)

        .addGroup(gl_contentPane.createParallelGroup(Alignment.LEADING, false)
                                .addComponent(passwordField)
                                .addComponent(textField,
 GroupLayout.DEFAULT_SIZE, 172, Short.MAX_VALUE))))
        .addContainerGap(107, Short.MAX_VALUE))
        .addGroup(gl_contentPane.createSequentialGroup())
        .addContainerGap(187, Short.MAX_VALUE)
        .addComponent(btnLogin, GroupLayout.PREFERRED_SIZE,
86, GroupLayout.PREFERRED_SIZE)
        .addGap(151))
    );
    gl_contentPane.setVerticalGroup(
        gl_contentPane.createParallelGroup(Alignment.LEADING)
            .addGroup(gl_contentPane.createSequentialGroup())
                .addComponent(lblAdminLoginForm)
                .addGap(26)

            .addGroup(gl_contentPane.createParallelGroup(Alignment.BASELINE)
                .addComponent(lblEnterName)
                .addComponent(textField,
 GroupLayout.PREFERRED_SIZE, GroupLayout.DEFAULT_SIZE, GroupLayout.PREFERRED_SIZE))
                .addGap(28)

            .addGroup(gl_contentPane.createParallelGroup(Alignment.BASELINE)
                .addComponent(lblEnterPassword)
                .addComponent(passwordField,
 GroupLayout.PREFERRED_SIZE, GroupLayout.DEFAULT_SIZE, GroupLayout.PREFERRED_SIZE))
                .addGap(18)

```

```

        .addComponent(btnLogin, GroupLayout.PREFERRED_SIZE,
37, GroupLayout.PREFERRED_SIZE)
        .addContainerGap(80, Short.MAX_VALUE))
    );
    contentPane.setLayout(gl_contentPane);
}
}

```

D_main:

```

package admin_app;

import java.awt.EventQueue;

import javax.swing.JFrame;
import javax.swing.JPanel;
import javax.swing.border.EmptyBorder;
import javax.swing.GroupLayout;
import javax.swing.GroupLayout.Alignment;
import javax.swing.JLabel;
import java.awt.Color;
import java.awt.Font;
import javax.swing.JButton;
import java.awt.event.ActionEvent;
public class D_main extends JFrame {
    static D_main frame;
    private final JPanel contentPane;

    /**
     * Launch the application.

```

```

* @param args
*/

public static void main(String[] args) {
    EventQueue.invokeLater(() -> {
        try {
            frame = new D_main();
            frame.setVisible(true);
        } catch (Exception e) {
        }
    });
}

public D_main() {
    setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
    setBounds(100, 100, 450, 371);
    contentPane = new JPanel();
    contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));
    setContentPane(contentPane);

    JLabel lblAdminSection = new JLabel("Admin Section");
    lblAdminSection.setFont(new Font("Tahoma", Font.PLAIN, 22));
    lblAdminSection.setForeground(Color.GRAY);

    JButton btnNewButton = new JButton("Add services");
    btnNewButton.setFont(new Font("Tahoma", Font.PLAIN, 15));
    btnNewButton.addActionListener((ActionEvent e) -> {
        D_Add.main(new String[]{});
        frame.dispose();
    });
}

```

```

        JButton btnViewLibrarian = new JButton("View services");
        btnViewLibrarian.addActionListener((ActionEvent arg0) -> {
D_view.main(new String[]{});
});

        btnViewLibrarian.setFont(new Font("Tahoma", Font.PLAIN, 15));

        JButton btnDeletelLibrarian = new JButton("Delete services");
        btnDeletelLibrarian.addActionListener((ActionEvent e) -> {
D_delete.main(new String[]{});
frame.dispose();
});

        btnDeletelLibrarian.setFont(new Font("Tahoma", Font.PLAIN, 15));

        JButton btnLogout = new JButton("Logout");
        btnLogout.addActionListener((ActionEvent arg0) -> {
U_login_main.main(new String[]{});
frame.dispose();
});

        btnLogout.setFont(new Font("Tahoma", Font.PLAIN, 15));
        GroupLayout gl_contentPane = new GroupLayout(contentPane);
        gl_contentPane.setHorizontalGroup(
            gl_contentPane.createParallelGroup(Alignment.TRAILING)
                .addGroup(gl_contentPane.createSequentialGroup()
                    .addContainerGap(150, Short.MAX_VALUE)
                    .addComponent(lblAdminSection,
GroupLayout.PREFERRED_SIZE, 151, GroupLayout.PREFERRED_SIZE)
                    .addGap(123))
                .addGroup(Alignment.LEADING,
gl_contentPane.createSequentialGroup()
                    .addGap(134)

.addGroup(gl_contentPane.createParallelGroup(Alignment.LEADING)

```

```

        .addComponent(btnLogout,
 GroupLayout.PREFERRED_SIZE, 181, GroupLayout.PREFERRED_SIZE)

        .addComponent(btnDeleteLibrarian,
 GroupLayout.PREFERRED_SIZE, 181, GroupLayout.PREFERRED_SIZE)

        .addComponent(btnViewLibrarian,
 GroupLayout.PREFERRED_SIZE, 181, GroupLayout.PREFERRED_SIZE)

        .addComponent(btnNewButton,
 GroupLayout.PREFERRED_SIZE, 181, GroupLayout.PREFERRED_SIZE))

        .addContainerGap(109, Short.MAX_VALUE))

    );

    gl_contentPane.setVerticalGroup(
        gl_contentPane.createParallelGroup(Alignment.LEADING)
            .addGroup(gl_contentPane.createSequentialGroup()

                .addComponent(lblAdminSection,
 GroupLayout.PREFERRED_SIZE, 40, GroupLayout.PREFERRED_SIZE)

                .addGap(11)

                .addComponent(btnNewButton,
 GroupLayout.PREFERRED_SIZE, 49, GroupLayout.PREFERRED_SIZE)

                .addGap(18)

                .addComponent(btnViewLibrarian,
 GroupLayout.PREFERRED_SIZE, 49, GroupLayout.PREFERRED_SIZE)

                .addGap(18)

                .addComponent(btnDeleteLibrarian,
 GroupLayout.PREFERRED_SIZE, 49, GroupLayout.PREFERRED_SIZE)

                .addGap(18)

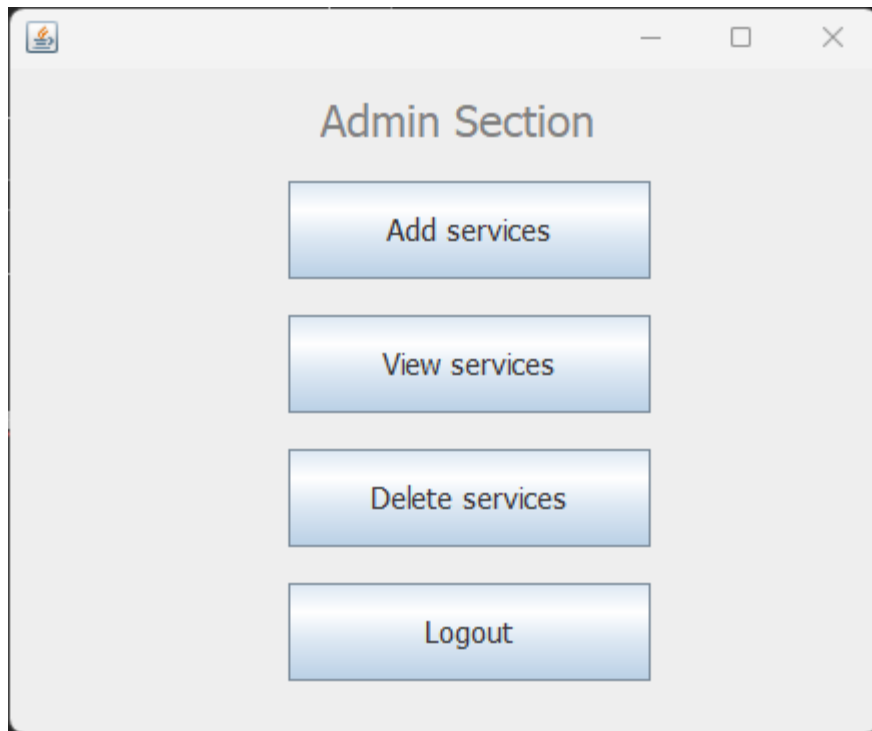
                .addComponent(btnLogout, GroupLayout.PREFERRED_SIZE,
49, GroupLayout.PREFERRED_SIZE)

                .addContainerGap(21, Short.MAX_VALUE))

            );

    contentPane.setLayout(gl_contentPane);
}
}

```

D Add Module:

```
package admin_app;

import java.awt.EventQueue;

import javax.swing.JFrame;

import javax.swing.JPanel;

import javax.swing.border.EmptyBorder;

import javax.swing.GroupLayout;

import javax.swing.GroupLayout.Alignment;

import javax.swing.JLabel;

import javax.swing.JOptionPane;

import java.awt.Font;

import java.awt.Color;

import javax.swing.JTextField;

import javax.swing.JPasswordField;

import javax.swing.LayoutStyle.ComponentPlacement;

import javax.swing.JButton;
```

```

import java.awt.event.ActionEvent;

public class D_Add extends JFrame {
    static D_Add frame;
    private final JPanel contentPane;
    private JTextField textField;
    private JTextField textField_1;
    private JTextField textField_2;
    private JTextField textField_3;
    private JTextField textField_4;
    private JPasswordField passwordField;

    /**
     * Launch the application.
     * @param args
     */
    public static void main(String[] args) {
        EventQueue.invokeLater(() -> {
            try {
                frame = new D_Add();
                frame.setVisible(true);
            } catch (Exception e) {
            }
        });
    }

    /**
     * Create the frame.
     */
    public D_Add() {
        setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
    }

```

```
setBounds(100, 100, 450, 450);
contentPane = new JPanel();
contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));
setContentPane(contentPane);

JLabel lbladd_service = new JLabel("Add services");
lbladd_service.setForeground(Color.DARK_GRAY);
lbladd_service.setFont(new Font("Tahoma", Font.PLAIN, 22));

JLabel lblName = new JLabel("Name:");

JLabel lblPassword = new JLabel("Password:");

JLabel lblEmail = new JLabel("Email:");

JLabel lblAddress = new JLabel("Address:");

JLabel lblService = new JLabel("Service:");

JLabel lblContactNo = new JLabel("Contact No:");

textField = new JTextField();
textField.setColumns(10);

textField_1 = new JTextField();
textField_1.setColumns(10);

textField_2 = new JTextField();
textField_2.setColumns(10);

textField_3 = new JTextField("Select Police OR Ambulance");
```

```

        textField_3.setColumns(10);

        textField_4 = new JTextField();
        textField_4.setColumns(10);

        passwordField = new JPasswordField();

        JButton btnNewButton = new JButton("Add service");
        btnNewButton.addActionListener((ActionEvent e) -> {
String name1 = textField.getText();
String password=String.valueOf(passwordField.getPassword());
String email=textField_1.getText();
String address=textField_2.getText();
String service=textField_3.getText();
String contact=textField_4.getText();
int i = Backend_connection.save(name1, password, email, address, service, contact);
if(i>0){
    JOptionPane.showMessageDialog(D_Add.this,"service added successfully!");
    D_main.main(new String[]{});
    frame.dispose();

}else{
    JOptionPane.showMessageDialog(D_Add.this,"Sorry, unable to save!");
}
});

        btnNewButton.setForeground(Color.DARK_GRAY);

        JButton btnBack = new JButton("Back");
        btnBack.addActionListener((ActionEvent e) -> {
D_main.main(new String[]{});
frame.dispose();

```

```

});

GridLayout gl_contentPane = new GridLayout(contentPane);
gl_contentPane.setHorizontalGroup(
    gl_contentPane.createParallelGroup(Alignment.TRAILING)
        .addGroup(gl_contentPane.createSequentialGroup()
            .addGap(20)

.addGroup(gl_contentPane.createParallelGroup(Alignment.LEADING, false)
            .addComponent(lblPassword,
GridLayout.DEFAULT_SIZE, 62, Short.MAX_VALUE)
            .addComponent(lblName)
            .addComponent(lblEmail,
GridLayout.PREFERRED_SIZE, 42, GridLayout.PREFERRED_SIZE)
            .addComponent(lblAddress,
GridLayout.DEFAULT_SIZE, GridLayout.DEFAULT_SIZE, Short.MAX_VALUE)
            .addComponent(lblService,
GridLayout.PREFERRED_SIZE, 61, GridLayout.PREFERRED_SIZE)
            .addComponent(lblContactNo,
GridLayout.DEFAULT_SIZE, GridLayout.DEFAULT_SIZE, Short.MAX_VALUE))
            .addGap(58)

.addGroup(gl_contentPane.createParallelGroup(Alignment.LEADING, false)
            .addComponent(textField_4,
GridLayout.DEFAULT_SIZE, 177, Short.MAX_VALUE)
            .addComponent(textField_3,
GridLayout.DEFAULT_SIZE, 177, Short.MAX_VALUE)
            .addComponent(textField_2,
GridLayout.DEFAULT_SIZE, 177, Short.MAX_VALUE)
            .addComponent(textField_1,
GridLayout.DEFAULT_SIZE, 177, Short.MAX_VALUE)
            .addComponent(textField,
GridLayout.DEFAULT_SIZE, 177, Short.MAX_VALUE)
            .addComponent(passwordField))
            .addContainerGap(107, Short.MAX_VALUE))
        .addGroup(gl_contentPane.createSequentialGroup())

```

```

        .addContainerGap(151, Short.MAX_VALUE)
        .addComponent(lbladd_service)
        .addGap(144))
    .addGroup(gl_contentPane.createSequentialGroup())
        .addContainerGap(160, Short.MAX_VALUE)
        .addComponent(btnNewButton,
GroupLayout.PREFERRED_SIZE, 131, GroupLayout.PREFERRED_SIZE)
        .addGap(133))
    .addGroup(gl_contentPane.createSequentialGroup())
        .addContainerGap(200, Short.MAX_VALUE)
        .addComponent(btnBack)
        .addGap(169))
);
gl_contentPane.setVerticalGroup(
    gl_contentPane.createParallelGroup(Alignment.LEADING)
        .addGroup(gl_contentPane.createSequentialGroup())
            .addComponent(lbladd_service)
            .addGap(18)

        .addGroup(gl_contentPane.createParallelGroup(Alignment.LEADING)
            .addGroup(gl_contentPane.createSequentialGroup())
                .addComponent(lblName)
                .addGap(18)
                .addComponent(lblPassword))
            .addGroup(gl_contentPane.createSequentialGroup())
                .addComponent(textField,
GroupLayout.PREFERRED_SIZE, GroupLayout.DEFAULT_SIZE, GroupLayout.PREFERRED_SIZE)

            .addPreferredGap(ComponentPlacement.UNRELATED)

            .addComponent(passwordField,
GroupLayout.PREFERRED_SIZE, GroupLayout.DEFAULT_SIZE, GroupLayout.PREFERRED_SIZE)))
        .addGap(18)

```

```

        .addGroup(gl_contentPane.createParallelGroup(Alignment.BASELINE)
            .addComponent(lblEmail)
            .addComponent(textField_1,
                GroupLayout.PREFERRED_SIZE, GroupLayout.DEFAULT_SIZE, GroupLayout.PREFERRED_SIZE))
        .addGap(18)

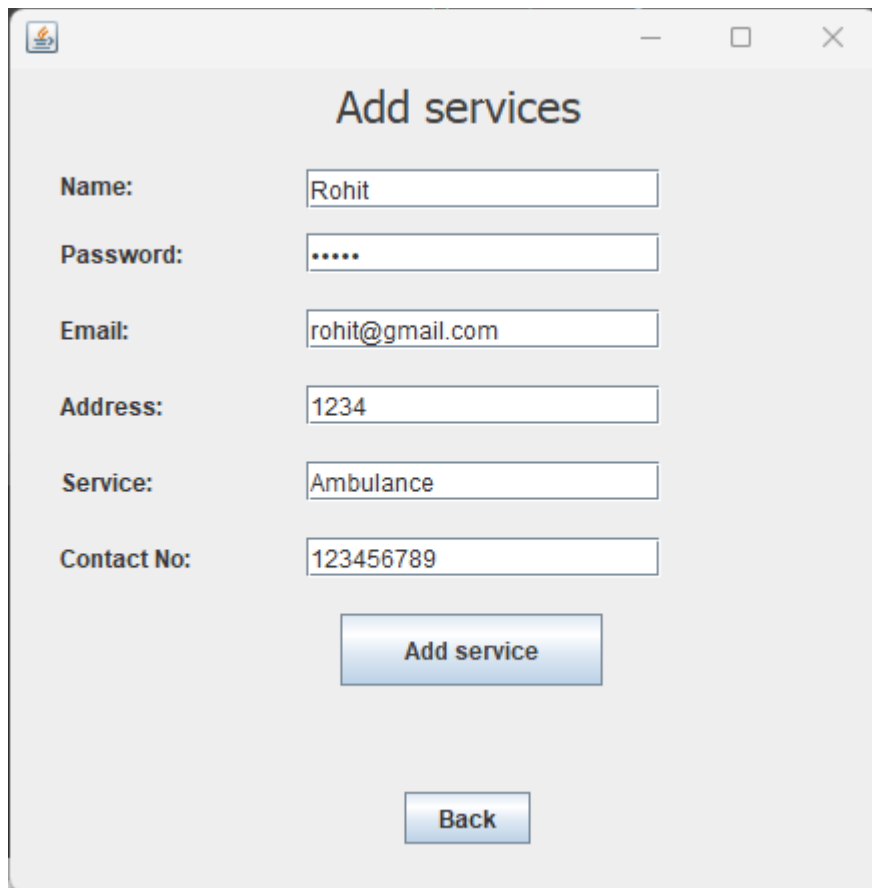
        .addGroup(gl_contentPane.createParallelGroup(Alignment.BASELINE)
            .addComponent(lblAddress)
            .addComponent(textField_2,
                GroupLayout.PREFERRED_SIZE, GroupLayout.DEFAULT_SIZE, GroupLayout.PREFERRED_SIZE))
        .addGap(18)

        .addGroup(gl_contentPane.createParallelGroup(Alignment.BASELINE)
            .addComponent(lblService)
            .addComponent(textField_3,
                GroupLayout.PREFERRED_SIZE, GroupLayout.DEFAULT_SIZE, GroupLayout.PREFERRED_SIZE))
        .addGap(18)

        .addGroup(gl_contentPane.createParallelGroup(Alignment.BASELINE)
            .addComponent(lblContactNo)
            .addComponent(textField_4,
                GroupLayout.PREFERRED_SIZE, GroupLayout.DEFAULT_SIZE, GroupLayout.PREFERRED_SIZE))
        .addGap(18)
        .addComponent(btnNewButton,
            GroupLayout.PREFERRED_SIZE, 36, GroupLayout.PREFERRED_SIZE)
        .addPreferredGap(ComponentPlacement.RELATED, 57,
            Short.MAX_VALUE)
        .addComponent(btnBack)
        .addGap(19))
    );
    contentPane.setLayout(gl_contentPane);
}

```

}



Add services

Name: Rohit

Password:

Email: rohit@gmail.com

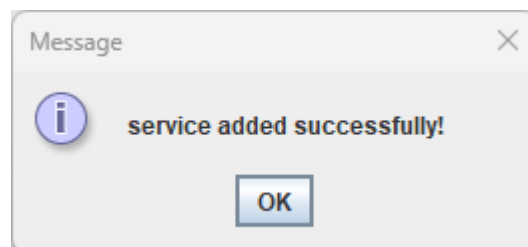
Address: 1234

Service: Ambulance

Contact No: 123456789

Add service

Back



D View Module:

```
/*
```

```
* Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to change this  
license
```

```
* Click nbfs://nbhost/SystemFileSystem/Templates/Classes/Class.java to edit this template
```

```
*/
```

```
package admin_app;
```

```
import java.awt.BorderLayout;
```



```
import java.awt.EventQueue;
import java.sql.Connection;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.ResultSetMetaData;
import java.sql.SQLException;
import javax.swing.JFrame;
import javax.swing.JPanel;
import javax.swing.JScrollPane;
import javax.swing.border.EmptyBorder;
import javax.swing.JTable;
```

```
public class D_view extends JFrame {

    private JPanel contentPane;
    private final JTable table;

    public static void main(String[] args) {
        EventQueue.invokeLater(() -> {
            try {
                D_view frame = new D_view();
                frame.setVisible(true);
            } catch (Exception e) {
            }
        });
    }

    /**
     * Create the frame.
     */
    public D_view() {
```

```

        setDefaultCloseOperation(JFrame.HIDE_ON_CLOSE);

        setBounds(100, 100, 450, 300);

        contentPane = new JPanel();
        contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));
        contentPane.setLayout(new BorderLayout(0, 0));
        setContentPane(contentPane);

        String data[][]=null;

        String column[]=null;

        try{
try (Connection con = B_Database.getConnection()) {

        PreparedStatement ps=con.prepareStatement("select * from
service",ResultSet.TYPE_SCROLL_SENSITIVE,ResultSet.CONCUR_UPDATABLE);

        ResultSet rs=ps.executeQuery();


        ResultSetMetaData rsmd=rs.getMetaData();
        int cols=rsmd.getColumnCount();
        column=new String[cols];
        for(int i=1;i<=cols;i++){
            column[i-1]=rsmd.getColumnName(i);
        }


        rs.last();
        int rows=rs.getRow();
        rs.beforeFirst();


        data=new String[rows][cols];
        int count=0;
        while(rs.next()){
            for(int i=1;i<=cols;i++){
                data[count][i-1]=rs.getString(i);
            }

```

```

        count++;
    }
}

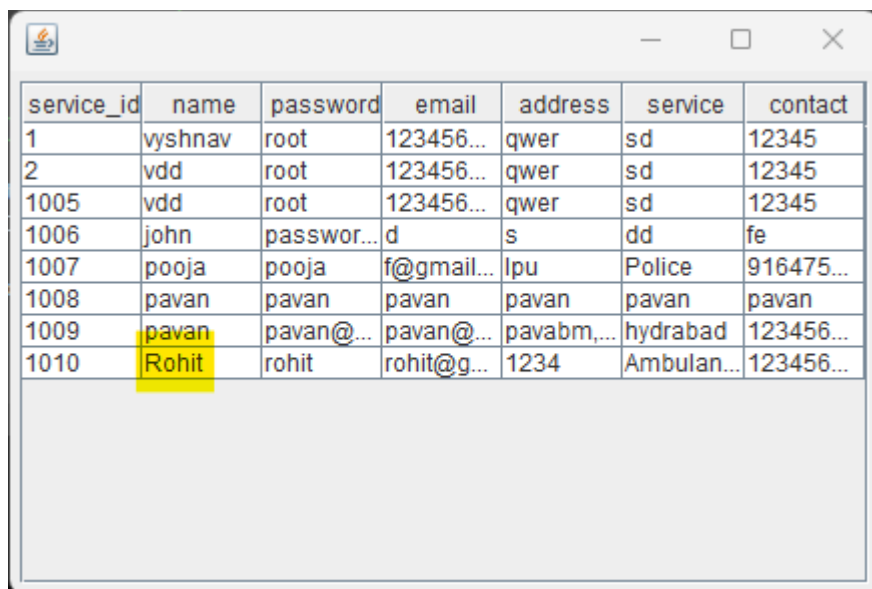
}catch(SQLException e){System.out.println(e);}

table = new JTable(data,column);

JScrollPane sp=new JScrollPane(table);

contentPane.add(sp, BorderLayout.CENTER);
}
}

```



service_id	name	password	email	address	service	contact
1	vyshnav	root	123456...	qwer	sd	12345
2	vdd	root	123456...	qwer	sd	12345
1005	vdd	root	123456...	qwer	sd	12345
1006	john	passwor...	d	s	dd	fe
1007	pooja	pooja	f@gmail...	lpu	Police	916475...
1008	pavan	pavan	pavan	pavan	pavan	pavan
1009	pavan	pavan@...	pavan@...	pavabm,...	hydrabad	123456...
1010	Rohit	rohit	rohit@g...	1234	Ambulan...	123456...

D delete Module:

```
package admin_app;
```

```
/**
```

```
*
```

```
* @author vyshnav
```

```

*/
import java.awt.EventQueue;

import javax.swing.JFrame;
import javax.swing.JPanel;
import javax.swing.border.EmptyBorder;
import javax.swing.GroupLayout;
import javax.swing.GroupLayout.Alignment;
import javax.swing.JLabel;
import javax.swing.JOptionPane;
import javax.swing.JTextField;
import javax.swing.JButton;
import java.awt.Font;

import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;
import java.sql.Connection;
import java.sql.PreparedStatement;
import java.sql.SQLException;
import java.util.logging.Level;
import java.util.logging.Logger;

public class D_delete extends JFrame {

    static D_delete frame;

    private final JPanel contentPane;

    JTextField textField;

    /**
     * Launch the application.
     * @param args
     */
}

```

```

public static void main(String[] args) {
    EventQueue.invokeLater(() -> {
        try {
            frame = new D_delete();
            frame.setVisible(true);
        } catch (Exception e) {
        }
    });
}

/**
 * Create the frame.
 */
public D_delete() {
    setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
    setBounds(100, 100, 450, 300);
    contentPane = new JPanel();
    contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));
    setContentPane(contentPane);

    JLabel lblEnterId = new JLabel("Enter Id:");

    textField = new JTextField();
    textField.setColumns(10);

    JButton btnDelete = new JButton("Delete");
    btnDelete.addActionListener(new ActionListener() {
        @Override
        public void actionPerformed(ActionEvent e) {
            try (Connection con = B_Database.getConnection()) {
                String sid=textField.getText();

```

```

        PreparedStatement ps=con.prepareStatement("delete from service where
service_id="+sid);

        ps.executeUpdate();

//        if(sid==null || sid.trim().equals("")){
//            JOptionPane.showMessageDialog(delete_services.this,"Id can't be blank");
//        }else{
//            int id=Integer.parseInt(sid);
//            int i=admin_db.delete(id);
//            System.out.print(i);
//
//            if(i>0){
//                JOptionPane.showMessageDialog(delete_services.this,"Record deleted
successfully!");
//            }else{
//                JOptionPane.showMessageDialog(delete_services.this,"Unable to delete given
id!");
//            }
//        }

    } catch (SQLException ex) {

        Logger.getLogger(D_delete.class.getName()).log(Level.SEVERE, null, ex);

    }

});

    btnDelete.setFont(new Font("Tahoma", Font.PLAIN, 13));

    JButton btnNewButton = new JButton("Back");

    btnNewButton.addActionListener((ActionEvent e) -> {

D_main.main(new String[]{});

frame.dispose();

```

```

});

btnNewButton.setFont(new Font("Tahoma", Font.PLAIN, 13));

GroupLayout gl_contentPane = new GroupLayout(contentPane);
gl_contentPane.setHorizontalGroup(
    gl_contentPane.createParallelGroup(Alignment.LEADING)
        .addGroup(gl_contentPane.createSequentialGroup()
            .addGap(39)
            .addComponent(lblEnterId)
            .addGap(57)
            .addComponent(textField, GroupLayout.PREFERRED_SIZE,
178, GroupLayout.PREFERRED_SIZE)
            .addContainerGap(107, Short.MAX_VALUE))
        .addGroup(Alignment.TRAILING,
gl_contentPane.createSequentialGroup()
            .addContainerGap(175, Short.MAX_VALUE)
            .addComponent(btnDelete, GroupLayout.PREFERRED_SIZE,
109, GroupLayout.PREFERRED_SIZE)
            .addGap(140))
        .addGroup(Alignment.TRAILING,
gl_contentPane.createSequentialGroup()
            .addContainerGap(322, Short.MAX_VALUE)
            .addComponent(btnNewButton,
GroupLayout.PREFERRED_SIZE, 92, GroupLayout.PREFERRED_SIZE)
            .addContainerGap())
);

gl_contentPane.setVerticalGroup(
    gl_contentPane.createParallelGroup(Alignment.LEADING)
        .addGroup(gl_contentPane.createSequentialGroup()
            .addGap(19)

            .addGroup(gl_contentPane.createParallelGroup(Alignment.LEADING)
                .addComponent(textField,
GroupLayout.PREFERRED_SIZE, GroupLayout.DEFAULT_SIZE, GroupLayout.PREFERRED_SIZE)

```

```

        .addComponent(lblEnterId))

        .addGap(33)

        .addComponent(btnDelete, GroupLayout.PREFERRED_SIZE,
33, GroupLayout.PREFERRED_SIZE)

        .addGap(43)

        .addComponent(btnNewButton)

        .addContainerGap(78, Short.MAX_VALUE))

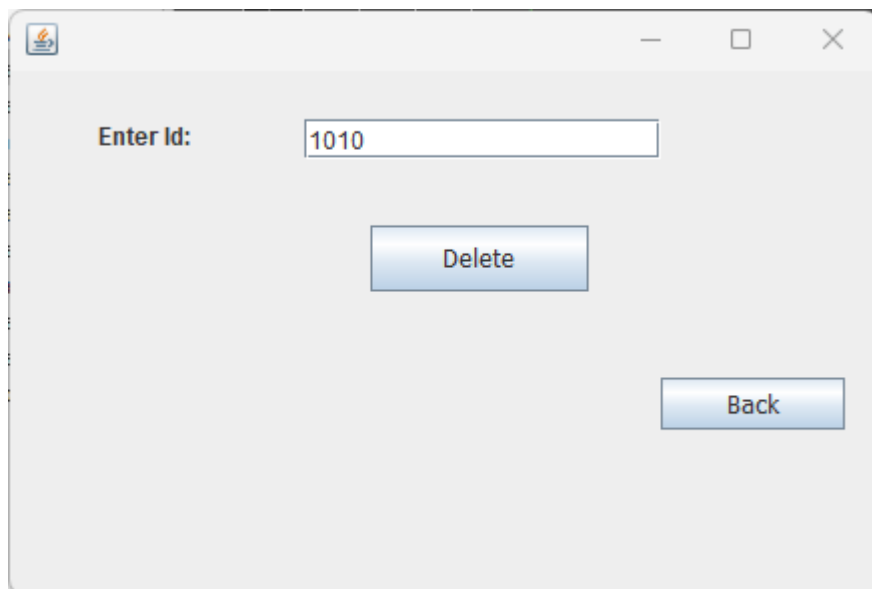
    );

    contentPane.setLayout(gl_contentPane);

}

}

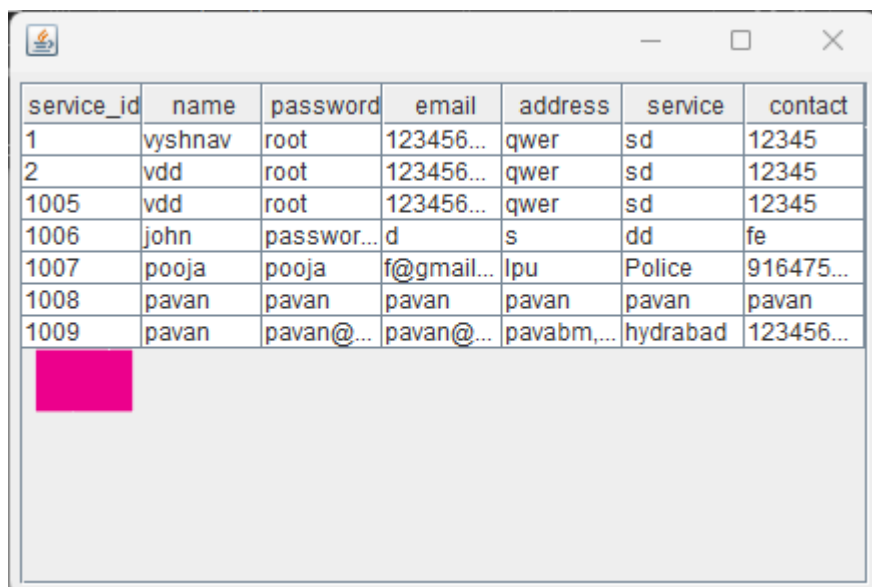
```



Enter Id: 1010

Delete

Back



service_id	name	password	email	address	service	contact
1	vyshnav	root	123456...	qwer	sd	12345
2	vdd	root	123456...	qwer	sd	12345
1005	vdd	root	123456...	qwer	sd	12345
1006	john	passwor...	d	s	dd	fe
1007	pooja	pooja	f@gmail...	lpu	Police	916475...
1008	pavan	pavan	pavan	pavan	pavan	pavan
1009	pavan	pavan@...	pavan@...	pavabm,...	hydrabad	123456...

U_login_main Module:

```
package admin_app;

import java.awt.EventQueue;
import java.awt.Color;
import java.awt.Font;
import java.awt.event.ActionEvent;
import javax.swing.JFrame;
import javax.swing.JPanel;
import javax.swing.border.EmptyBorder;
import javax.swing.GroupLayout;
import javax.swing.GroupLayout.Alignment;
import javax.swing.JLabel;
import javax.swing.JButton;
import javax.swing.LayoutStyle.ComponentPlacement;

public class U_login_main extends JFrame {
    static U_login_main frame;
    private final JPanel contentPane;

    public static void main(String[] args) {
        EventQueue.invokeLater(() -> {
            try {
                frame = new U_login_main();
                frame.setVisible(true);
            } catch (Exception e) {
            }
        });
    }
}
```

```

public U_login_main() {
    setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
    setBounds(100, 100, 380, 480);
    contentPane = new JPanel();
    contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));
    setContentPane(contentPane);

    JLabel lblusermng = new JLabel("user");
    lblusermng.setFont(new Font("Tahoma", Font.PLAIN, 18));
    lblusermng.setForeground(Color.GRAY);

    JButton btnAdminLogin = new JButton("Admin Login");
    btnAdminLogin.addActionListener((ActionEvent e) -> {
        D_login.main(new String[]{});
        frame.dispose();
    });
    btnAdminLogin.setFont(new Font("Tahoma", Font.PLAIN, 15));

    JButton btnuserlogin = new JButton("user Login");
    btnuserlogin.addActionListener((ActionEvent arg0) -> {
        U_login.main(new String[]{});
        frame.dispose();
    });
    btnuserlogin.setFont(new Font("Tahoma", Font.PLAIN, 15));

    // Add police login button
    JButton btnPoliceLogin = new JButton("Police Login");
    btnPoliceLogin.addActionListener((ActionEvent e) -> {
        P_login.main(new String[]{});
        frame.dispose();
    });

```

```

});

btnPoliceLogin.setFont(new Font("Tahoma", Font.PLAIN, 15));

GroupLayout gl_contentPane = new GroupLayout(contentPane);
gl_contentPane.setHorizontalGroup(
    gl_contentPane.createParallelGroup(Alignment.LEADING)
        .addGroup(gl_contentPane.createSequentialGroup()
            .addContainerGap(111, Short.MAX_VALUE)
            .addGroup(gl_contentPane.createParallelGroup(Alignment.LEADING)
                .addGroup(Alignment.TRAILING, gl_contentPane.createSequentialGroup()
                    .addComponent(lblusermng)
                    .addGap(158))
                .addGroup(Alignment.TRAILING, gl_contentPane.createSequentialGroup()
                    .addGroup(gl_contentPane.createParallelGroup(Alignment.TRAILING, false)
                        .addComponent(btnPoliceLogin, Alignment.LEADING, GroupLayout.DEFAULT_SIZE,
GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                        .addComponent(btnuserlogin, Alignment.LEADING, GroupLayout.DEFAULT_SIZE,
GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                        .addComponent(btnAdminLogin, Alignment.LEADING, GroupLayout.DEFAULT_SIZE,
135, Short.MAX_VALUE))
                    .addGap(108))))
        );
gl_contentPane.setVerticalGroup(
    gl_contentPane.createParallelGroup(Alignment.LEADING)
        .addGroup(gl_contentPane.createSequentialGroup()
            .addContainerGap()
            .addComponent(lblusermng)
            .addGap(32)
            .addComponent(btnAdminLogin, GroupLayout.PREFERRED_SIZE, 52,
GroupLayout.PREFERRED_SIZE)
            .addPreferredGap(ComponentPlacement.UNRELATED)

```

```

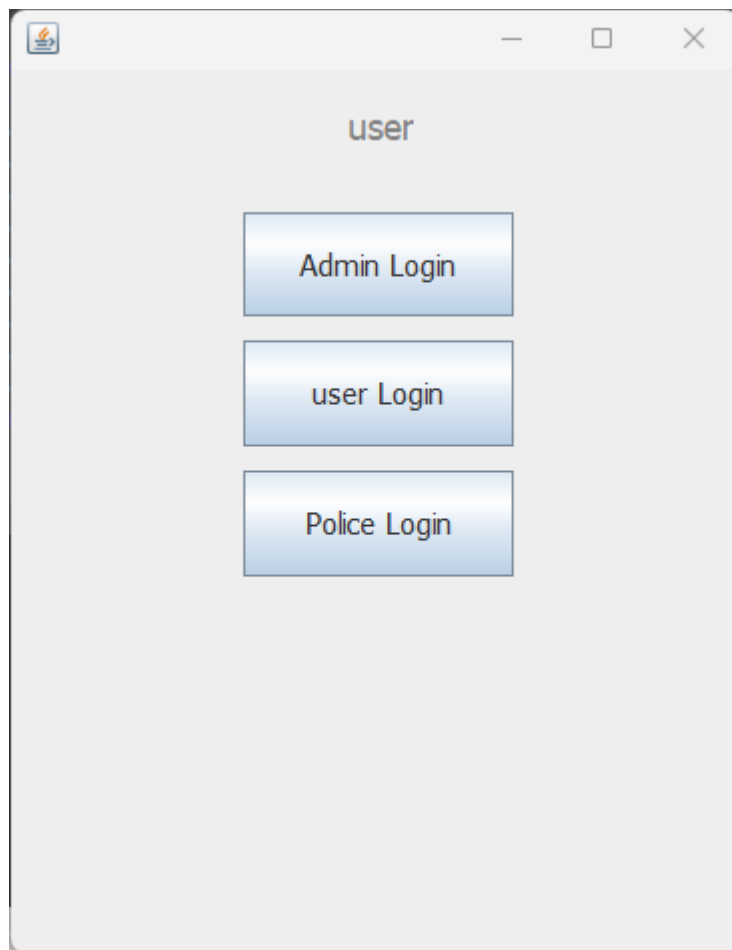
        .addComponent(btnuserlogin, GroupLayout.PREFERRED_SIZE, 53,
        GroupLayout.PREFERRED_SIZE)

        .addPreferredGap(ComponentPlacement.UNRELATED)

        .addComponent(btnPoliceLogin, GroupLayout.PREFERRED_SIZE, 53,
        GroupLayout.PREFERRED_SIZE)

        .addContainerGap(30, Short.MAX_VALUE)));
    contentPane.setLayout(gl_contentPane);
}
}

```



U_login Module:

```
package admin_app;
```

```
import java.awt.EventQueue;
```

```

import javax.swing.JFrame;

import javax.swing.JPanel;

import javax.swing.border.EmptyBorder;

import javax.swing.GroupLayout;

import javax.swing.GroupLayout.Alignment;

import javax.swing.JLabel;

import javax.swing.JOptionPane;


import java.awt.Font;

import java.awt.Color;

import javax.swing.JTextField;

import javax.swing.JButton;

import java.awt.event.ActionEvent;

import javax.swing.JPasswordField;


public class U_login extends JFrame {

    static U_login frame;

    private final JPanel contentPane;

    private JTextField textField;

    private JPasswordField passwordField;


    /**
     * Launch the application.
     * @param args
     */
    public static void main(String[] args) {
        EventQueue.invokeLater(() -> {
            try {
                frame = new U_login();
                frame.setVisible(true);
            }

```

```

        } catch (Exception e) {
        }
    });
}

/**
 * Create the frame.
 */
public U_login() {
    setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
    setBounds(100, 100, 450, 300);
    contentPane = new JPanel();
    contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));
    setContentPane(contentPane);

    JLabel lblAdminLoginForm = new JLabel("Login Form");
    lblAdminLoginForm.setForeground(Color.GRAY);
    lblAdminLoginForm.setFont(new Font("Tahoma", Font.PLAIN, 18));

    JLabel lblEnterName = new JLabel("Enter Name:");

    JLabel lblEnterPassword = new JLabel("Enter Password:");

    textField = new JTextField();
    textField.setColumns(10);

    JButton btnLogin = new JButton("Login");
    btnLogin.addActionListener((ActionEvent e) -> {
        String name1 = textField.getText();
        String password=String.valueOf(passwordField.getPassword());
        //System.out.println(name+" "+password);
    });
}

```

```

        if (Backend_connection.validate(name1, password)) {
            U_main.main(new String[]{});
            frame.dispose();
        } else {
            JOptionPane.showMessageDialog(U_login.this, "Sorry, Username or Password
Error", "Login Error!", JOptionPane.ERROR_MESSAGE);
            textField.setText("");
            passwordField.setText("");
        }
    });

    passwordField = new JPasswordField();
    GroupLayout gl_contentPane = new GroupLayout(contentPane);
    gl_contentPane.setHorizontalGroup(
        gl_contentPane.createParallelGroup(Alignment.TRAILING)
            .addGroup(gl_contentPane.createSequentialGroup()

.addGroup(gl_contentPane.createParallelGroup(Alignment.LEADING)
                .addGroup(gl_contentPane.createSequentialGroup()
                    .addGap(124)
                    .addComponent(lblAdminLoginForm))
                .addGroup(gl_contentPane.createSequentialGroup()
                    .addGap(19)

.addGroup(gl_contentPane.createParallelGroup(Alignment.LEADING)
                        .addComponent(lblEnterName)
                        .addComponent(lblEnterPassword))
                    .addGap(47)

.addGroup(gl_contentPane.createParallelGroup(Alignment.LEADING, false)
                        .addComponent(passwordField)
                        .addComponent(textField,
GroupLayout.DEFAULT_SIZE, 172, Short.MAX_VALUE))))

```

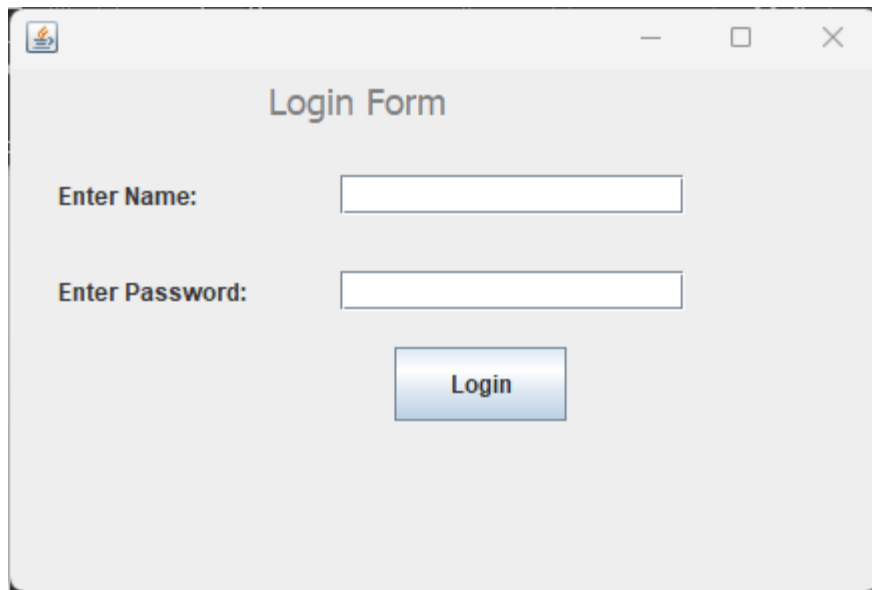
```

        .addContainerGap(107, Short.MAX_VALUE))
        .addGroup(gl_contentPane.createSequentialGroup())
        .addContainerGap(187, Short.MAX_VALUE)
        .addComponent(btnLogin, GroupLayout.PREFERRED_SIZE,
86, GroupLayout.PREFERRED_SIZE)
        .addGap(151))
    );
    gl_contentPane.setVerticalGroup(
        gl_contentPane.createParallelGroup(Alignment.LEADING)
        .addGroup(gl_contentPane.createSequentialGroup())
        .addComponent(lblAdminLoginForm)
        .addGap(26)

        .addGroup(gl_contentPane.createParallelGroup(Alignment.BASELINE)
            .addComponent(lblEnterName)
            .addComponent(textField,
GroupLayout.PREFERRED_SIZE, GroupLayout.DEFAULT_SIZE, GroupLayout.PREFERRED_SIZE))
        .addGap(28)

        .addGroup(gl_contentPane.createParallelGroup(Alignment.BASELINE)
            .addComponent(lblEnterPassword)
            .addComponent(passwordField,
GroupLayout.PREFERRED_SIZE, GroupLayout.DEFAULT_SIZE, GroupLayout.PREFERRED_SIZE))
        .addGap(18)
        .addComponent(btnLogin, GroupLayout.PREFERRED_SIZE,
37, GroupLayout.PREFERRED_SIZE)
        .addContainerGap(80, Short.MAX_VALUE))
    );
    contentPane.setLayout(gl_contentPane);
}
}

```

U_main Module:

```
package admin_app;

import static admin_app.D_main.frame;
import java.awt.Color;
import java.awt.Dimension;
import java.awt.Font;
import java.awt.GridBagConstraints;
import java.awt.GridBagLayout;
import java.awt.Image;
import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;
import javax.swing.BorderFactory;
import javax.swing.ImageIcon;
import javax.swing.JButton;
import javax.swing.JFrame;
import javax.swing.JLabel;
import javax.swing.JPanel;
```

```

public class U_main extends JPanel {

    private final JButton quickHelpButton;
    private final JButton callPoliceButton;
    private final JButton callAmbulanceButton;
    private final JLabel viewResponseLabel;

    public static void main(String[] args) {
        // Test the EmergencyPanel class
        JFrame frame = new JFrame("Emergency Panel");
        U_main emergencyPanel = new U_main();

        frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        frame.add(emergencyPanel);
        frame.pack();
        frame.setVisible(true);
    }

    public U_main() {
        setLayout(new GridBagLayout());
        setBackground(Color.WHITE);
        setBorder(BorderFactory.createEmptyBorder(20, 20, 20, 20));

        // Quick Help Button
        ImageIcon quickHelpIcon = new ImageIcon(getClass().getResource("download.png")); // Replace
        with path to your round image button
        Image image = quickHelpIcon.getImage().getScaledInstance(200, 200, Image.SCALE_SMOOTH);
        quickHelpButton = new JButton(new ImageIcon(image));
        quickHelpButton.setPreferredSize(new Dimension(200, 200));
        quickHelpButton.setFocusPainted(false);
        quickHelpButton.setBorderPainted(false);
    }
}

```

```

quickHelpButton.setContentAreaFilled(false);
quickHelpButton.addActionListener((ActionEvent e) -> {
    // Add custom action for Quick Help button
    System.out.println("Quick Help button clicked!");
});
GridBagConstraints gbc = new GridBagConstraints();
gbc.gridx = 0;
gbc.gridy = 0;
gbc.gridwidth = 2;
gbc.fill = GridBagConstraints.BOTH;
gbc.anchor = GridBagConstraints.CENTER;
gbc.weightx = 1.0;
gbc.weighty = 1.0;
add(quickHelpButton, gbc);

// Call Police Button
callPoliceButton = new JButton("Call Police");
callPoliceButton.setPreferredSize(new Dimension(150, 50));
callPoliceButton.setFont(new Font("Arial", Font.PLAIN, 16));
callPoliceButton.setFocusPainted(false);
callPoliceButton.setBackground(new Color(255, 0, 0)); // Set custom background color
callPoliceButton.setForeground(Color.WHITE); // Set custom text color
callPoliceButton.addActionListener((ActionEvent e) -> {

    // custom action for Call Police button
    U_register.main(new String[]{});
    frame.dispose();
    System.out.println("Call Police button clicked!");
});
gbc = new GridBagConstraints();

```

```

gbc.gridx = 0;
gbc.gridy = 1;
gbc.insets.set(10, 0, 0, 10);
gbc.anchor = GridBagConstraints.WEST;
add(callPoliceButton, gbc);

// Call Ambulance Button
callAmbulanceButton = new JButton("Call Ambulance");
callAmbulanceButton.setPreferredSize(new Dimension(150, 50));
callAmbulanceButton.setFont(new Font("Arial", Font.PLAIN, 16));
callAmbulanceButton.setFocusPainted(false);
callAmbulanceButton.setBackground(new Color(0, 255, 0)); // Set custom background color
callAmbulanceButton.setForeground(Color.WHITE); // Set custom text color
callAmbulanceButton.addActionListener((ActionEvent e) -> {
    // custom action for Call Ambulance button
    U_register.main(new String[]{});
    frame.dispose();
    System.out.println("Call Ambulance button clicked!");
});
gbc = new GridBagConstraints();
gbc.gridx = 1;
gbc.gridy = 1;
gbc.insets.set(10, 0, 0, 0);
gbc.anchor = GridBagConstraints.EAST;
add(callAmbulanceButton, gbc);

// View Response Label
viewResponseLabel = new JLabel("View Response");
viewResponseLabel.setFont(new Font("Arial", Font.PLAIN, 14));
viewResponseLabel.setForeground(Color.BLUE);
viewResponseLabel.addMouseListener(new java.awt.event.MouseAdapter() {

```

```

@Override

public void mouseClicked(java.awt.event.MouseEvent evt) {
    // Handle View Response label click
    System.out.println("View Response label clicked");
}

});

gbc = new GridBagConstraints();
gbc.gridx = 0;
gbc.gridy = 2;
gbc.gridwidth = 2;
gbc.insets.set(10, 0, 0, 0);
gbc.anchor = GridBagConstraints.CENTER;
add(viewResponseLabel, gbc);
}

// Function to set the text of the View Response Label
public void setViewResponse(String response) {
    viewResponseLabel.setText(response);
}

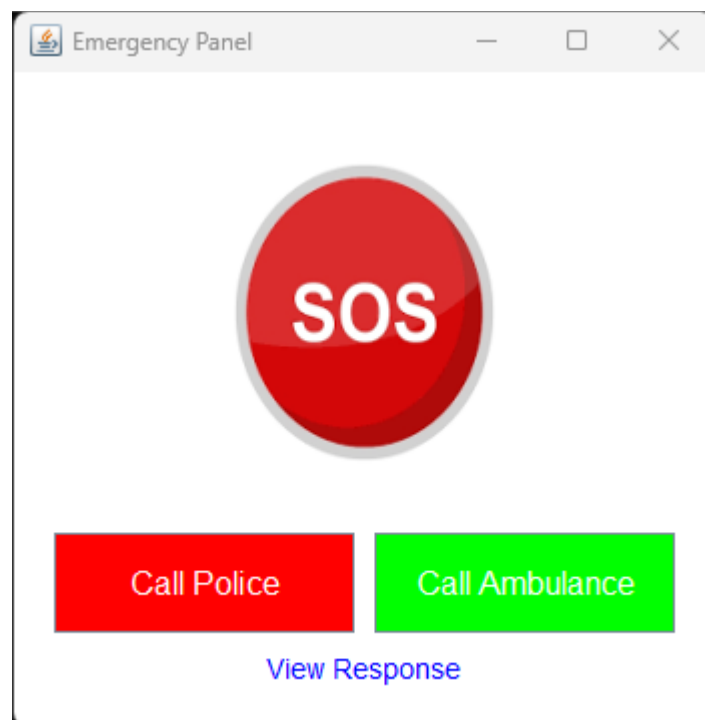
// Function to set the action for the Quick Help Button
public void setQuickHelpAction(ActionListener actionListener) {
    quickHelpButton.addActionListener(actionListener);
}

// Function to set the action for the Call Police Button
public void setCallPoliceAction(ActionListener actionListener) {
    callPoliceButton.addActionListener(actionListener);
}

```

```
// Function to set the action for the Call Ambulance Button
public void setCallAmbulanceAction(ActionListener actionListener) {
    callAmbulanceButton.addActionListener(actionListener);
}

}
```



U_register Module:

```
package admin_app;

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

public class U_register extends JFrame {
```

```

public U_register() {
    setTitle("Incident Registration Form");
    setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
    setLayout(new BorderLayout());

    // Create main panel
    JPanel mainPanel = new JPanel(new BorderLayout());
    mainPanel.setBackground(new Color(238, 238, 238));

    // Create alert ID label
    JLabel alertIdLabel = new JLabel("Alert ID: XYZ123");
    alertIdLabel.setHorizontalAlignment(SwingConstants.CENTER);
    mainPanel.add(alertIdLabel, BorderLayout.NORTH);

    // Create inner panel for the form
    JPanel formPanel = new JPanel(new GridBagLayout());
    formPanel.setBorder(BorderFactory.createEmptyBorder(1, 1, 1, 1));
    formPanel.setBackground(Color.white);

    // Create GridBagConstraints for form components
    GridBagConstraints c = new GridBagConstraints();
    c.fill = GridBagConstraints.HORIZONTAL;
    c.insets = new Insets(5, 5, 5, 5);

    // Add components to the form panel
    c.gridx = 0;
    c.gridy = 0;
    formPanel.add(new JLabel("Type of Incident:"), c);

    c.gridx = 1;

```

```
c.gridy = 0;
JTextField typeOfIncidentField = new JTextField(20);
formPanel.add(typeOfIncidentField, c);

c.gridx = 0;
c.gridy = 1;
formPanel.add(new JLabel("Description:"), c);

c.gridx = 1;
c.gridy = 1;
JTextField descriptionField = new JTextField(20);
formPanel.add(descriptionField, c);

c.gridx = 0;
c.gridy = 2;
formPanel.add(new JLabel("Name of the Victim:"), c);

c.gridx = 1;
c.gridy = 2;
JTextField nameOfVictimField = new JTextField(20);
formPanel.add(nameOfVictimField, c);

c.gridx = 0;
c.gridy = 3;
formPanel.add(new JLabel("Location:"), c);

c.gridx = 1;
c.gridy = 3;
JTextField locationField = new JTextField(20);
formPanel.add(locationField, c);
```



```
c.gridx = 0;
c.gridy = 4;
formPanel.add(new JLabel("Contact:"), c);

c.gridx = 1;
c.gridy = 4;
JTextField contactField = new JTextField(20);
formPanel.add(contactField, c);

c.gridx = 0;
c.gridy = 5;
formPanel.add(new JLabel("Address:"), c);

c.gridx = 1;
c.gridy = 5;
JTextField addressField = new JTextField(20);
formPanel.add(addressField, c);

c.gridx = 0;
c.gridy = 6;
formPanel.add(new JLabel("Pincode:"), c);

c.gridx = 1;
c.gridy = 6;
JTextField pincodeField = new JTextField(20);
formPanel.add(pincodeField, c);

// Add form panel to the main panel
mainPanel.add(formPanel, BorderLayout.CENTER);

// Create register button
```

```


        JButton registerButton = new JButton("Register");
        registerButton.setBackground(new Color(70, 130, 180));
        registerButton.setForeground(Color.white);
        registerButton.addActionListener(new ActionListener() {
            @Override
            public void actionPerformed(ActionEvent e) {
                // TODO: Handle register button click event
            }
        });

        // Add register button to the main panel
        mainPanel.add(registerButton, BorderLayout.SOUTH);
        // Add main panel to the frame
        add(mainPanel);

        // Set frame size and make it visible
        setSize(400, 500);
        setLocationRelativeTo(null);
        setVisible(true);
    }

    public static void main(String[] args) {
        // Run the form on the Event Dispatch Thread (EDT)
        SwingUtilities.invokeLater(() -> {
            new U_register();
        });
    }
}

```

 Incident Registration Form

Alert ID: XYZ123

Type of Incident:

Description:

Name of the Victim:

Location:

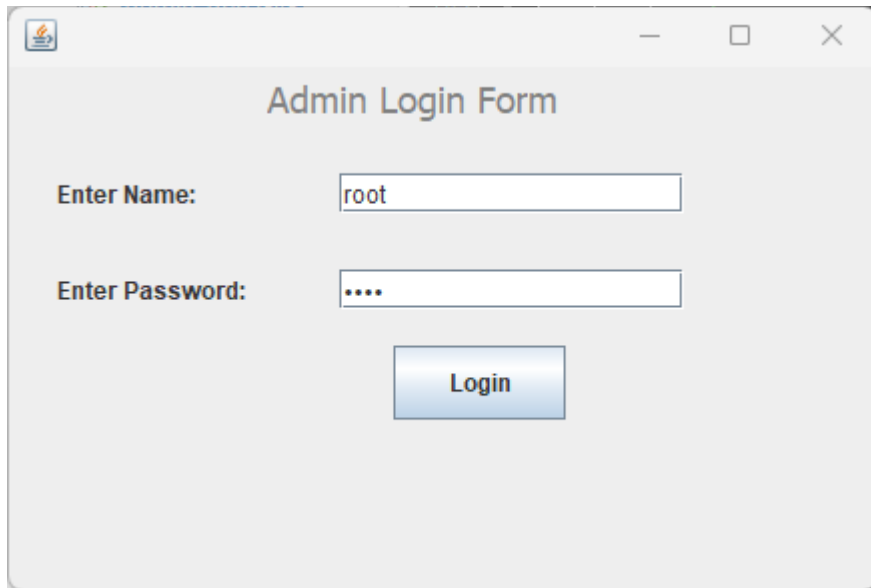
Contact:

Address:

Pincode:

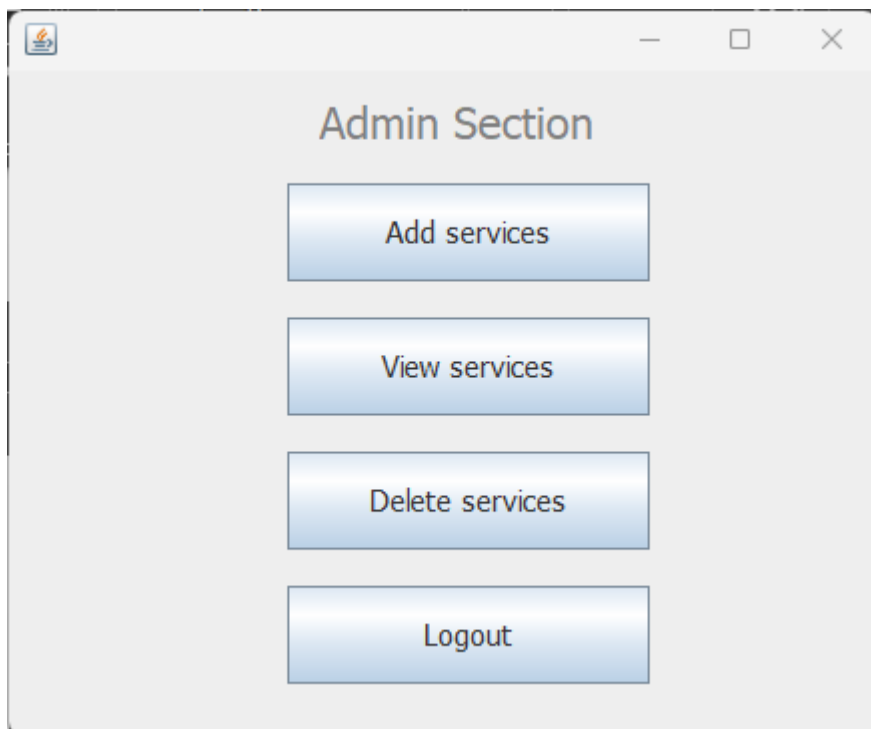
Register

Output (GUI)



A screenshot of a Java Swing window titled "Admin Login Form". The window has a standard title bar with a small icon on the left and minimize, maximize, and close buttons on the right. The main content area is light gray and contains the following elements:

- The title "Admin Login Form" is centered at the top in a bold, black font.
- Below the title, there are two labels: "Enter Name:" and "Enter Password:", both in bold black font.
- To the right of "Enter Name:" is a text input field containing the text "root".
- To the right of "Enter Password:" is a password input field with four dots "...." inside.
- Below the password field is a blue button with the text "Login" in white.



A screenshot of a Java Swing window titled "Admin Section". The window has a standard title bar with a small icon on the left and minimize, maximize, and close buttons on the right. The main content area is light gray and contains the following elements:

- The title "Admin Section" is centered at the top in a bold, black font.
- Below the title, there are four blue buttons stacked vertically, each with white text:

 - "Add services"
 - "View services"
 - "Delete services"
 - "Logout"

Add services

Name:

Password:

Email:

Address:


Service:

Contact No:

Add service

Back

Message

 **service added successfully!**

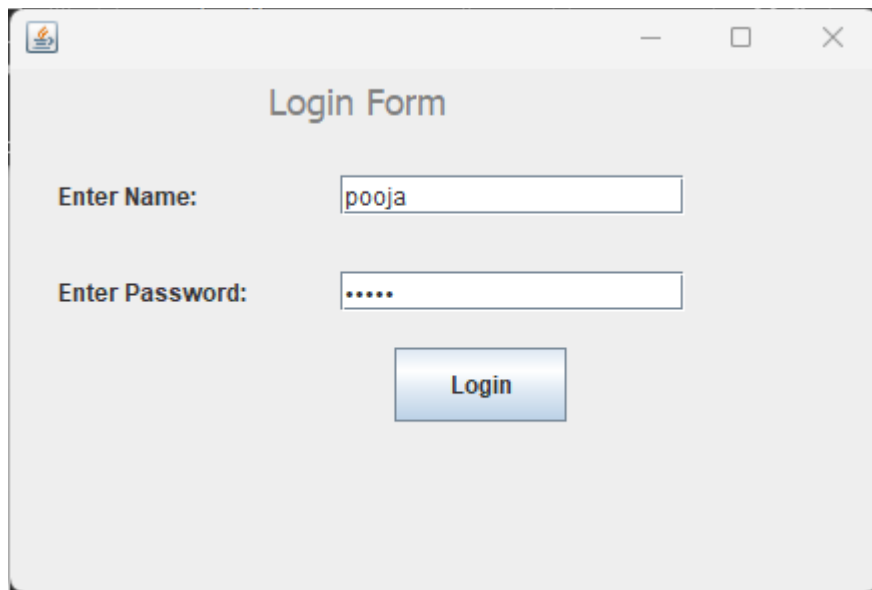
OK

service_id	name	password	email	address	service	contact
1	vyshnav	root	123456...	qwer	sd	12345
2	vdd	root	123456...	qwer	sd	12345
1005	vdd	root	123456...	qwer	sd	12345
1006	john	passwor...	d	s	dd	fe
1007	pooja	pooja	f@gmail...	lpu	Police	916475...
1008	pavan	pavan	pavan	pavan	pavan	pavan
1009	pavan	pavan@...	pavan@...	pavabm...	hydrabad	123456...
1011	A	B	C	D	Ambulan...	1

Enter Id:

service_id	name	password	email	address	service	contact
1	vyshnav	root	123456...	qwer	sd	12345
2	vdd	root	123456...	qwer	sd	12345
1005	vdd	root	123456...	qwer	sd	12345
1006	john	passwor...	d	s	dd	fe
1007	pooja	pooja	f@gmail...	lpu	Police	916475...
1008	pavan	pavan	pavan	pavan	pavan	pavan
1009	pavan	pavan@...	pavan@...	pavabm,...	hydrabad	123456...

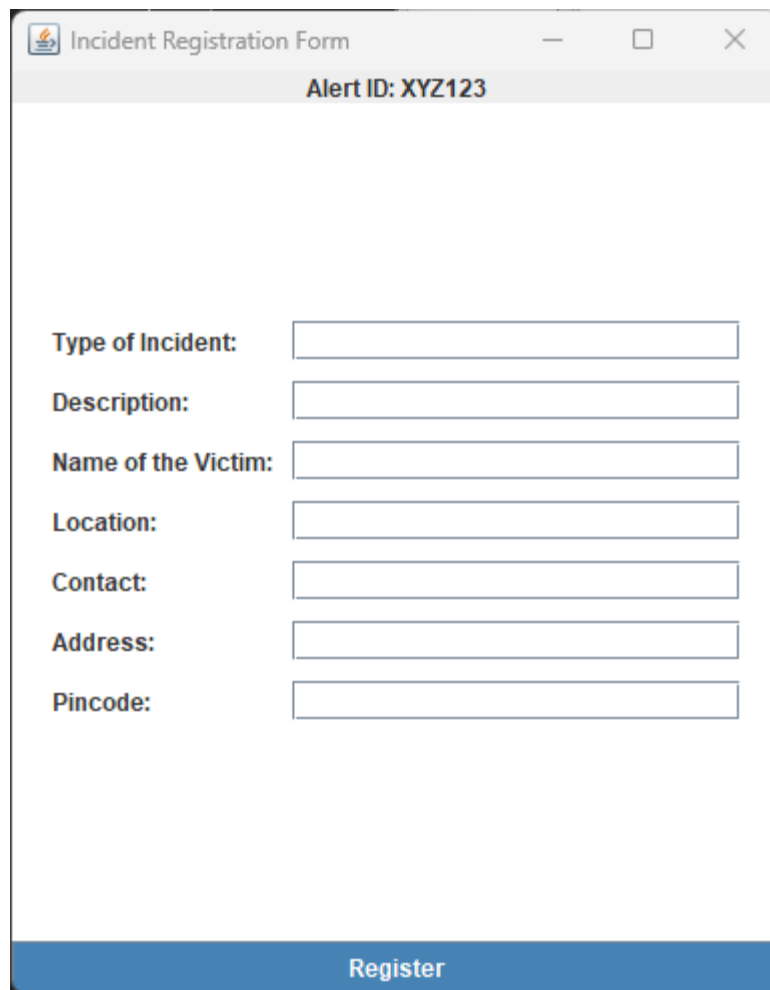
User Login:



A screenshot of a web application window titled "Login Form". The window has a standard title bar with a small icon on the left and minimize, maximize, and close buttons on the right. The main content area is light gray and contains two input fields. The first field is labeled "Enter Name:" and contains the text "pooja". The second field is labeled "Enter Password:" and contains five dots. Below the password field is a blue button with the text "Login".



A screenshot of a web application window titled "Emergency Panel". The window has a standard title bar with a small icon on the left and minimize, maximize, and close buttons on the right. The main content area is white and features a large red circular button with the text "SOS" in white. Below this button are two rectangular buttons: a red one labeled "Call Police" and a green one labeled "Call Ambulance". At the bottom of the panel is a blue link labeled "View Response".



Incident Registration Form

Alert ID: XYZ123

Type of Incident:

Description:

Name of the Victim:

Location:

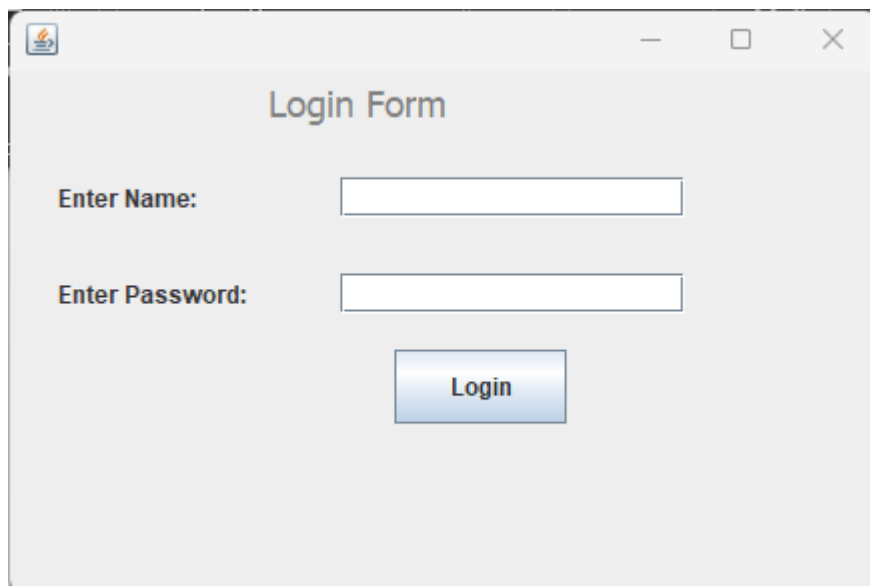
Contact:

Address:

Pincode:

Register

Police Login:



Login Form

Enter Name:

Enter Password:

Login