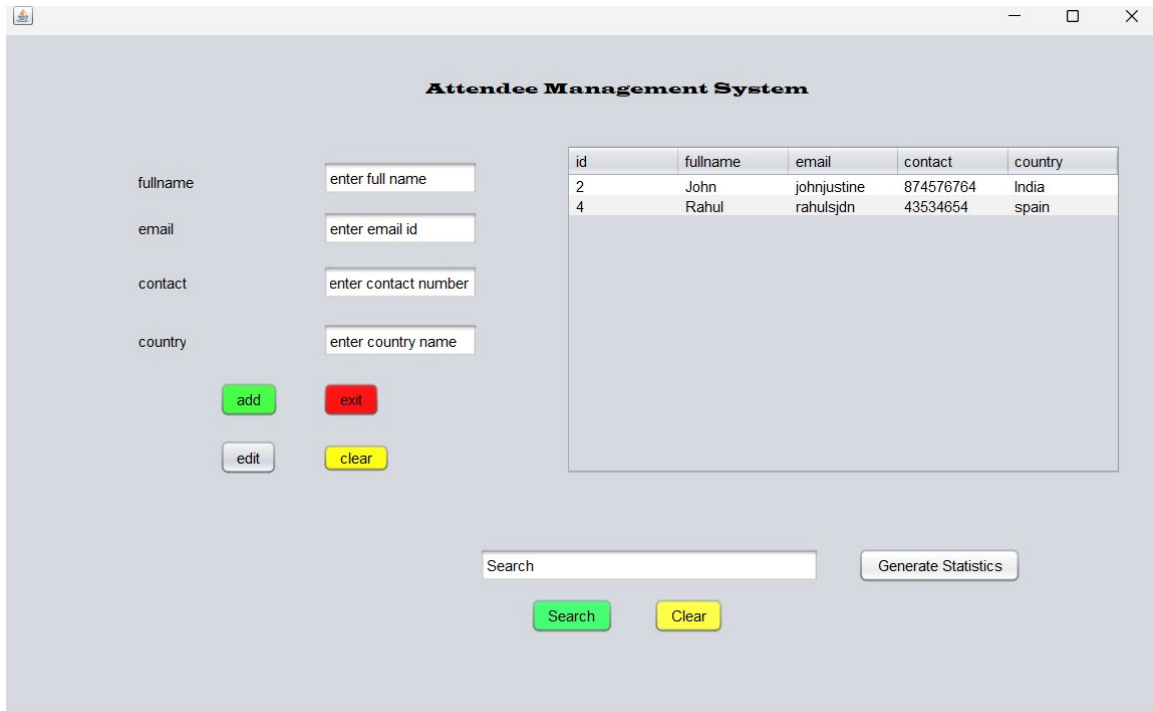


Main Page



The main page of the Attendee Management System features a light gray background. At the top center, the title "Attendee Management System" is displayed in bold. On the left side, there are four input fields labeled "fullname", "email", "contact", and "country", each with a corresponding text input box. Below these fields are four buttons: "add" (green), "exit" (red), "edit" (gray), and "clear" (yellow). On the right side, there is a table with five columns: "id", "fullname", "email", "contact", and "country". The table contains two rows of data. Below the table, there is a search bar with a "Search" button (green) and a "Clear" button (yellow). To the right of the search bar is a "Generate Statistics" button (gray).

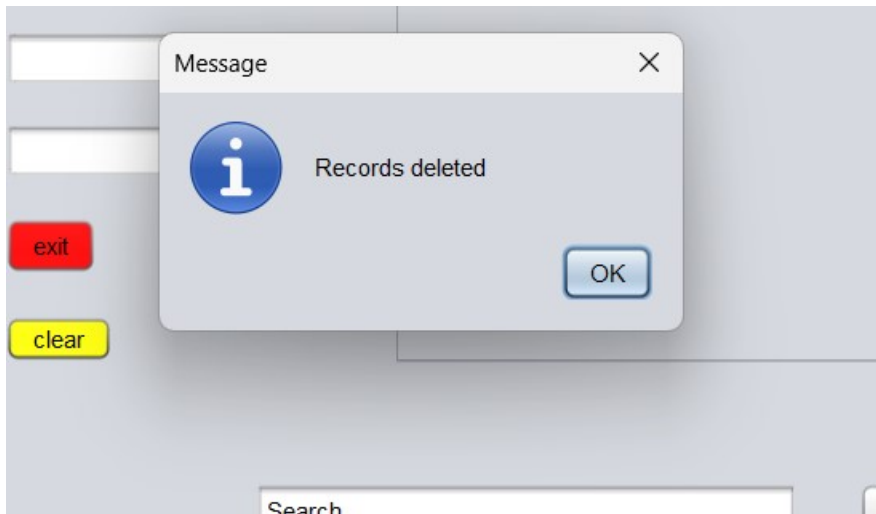
id	fullname	email	contact	country
2	John	johnjustine	874576764	India
4	Rahul	rahulsjd	43534654	spain

Attendee Statistics Pane

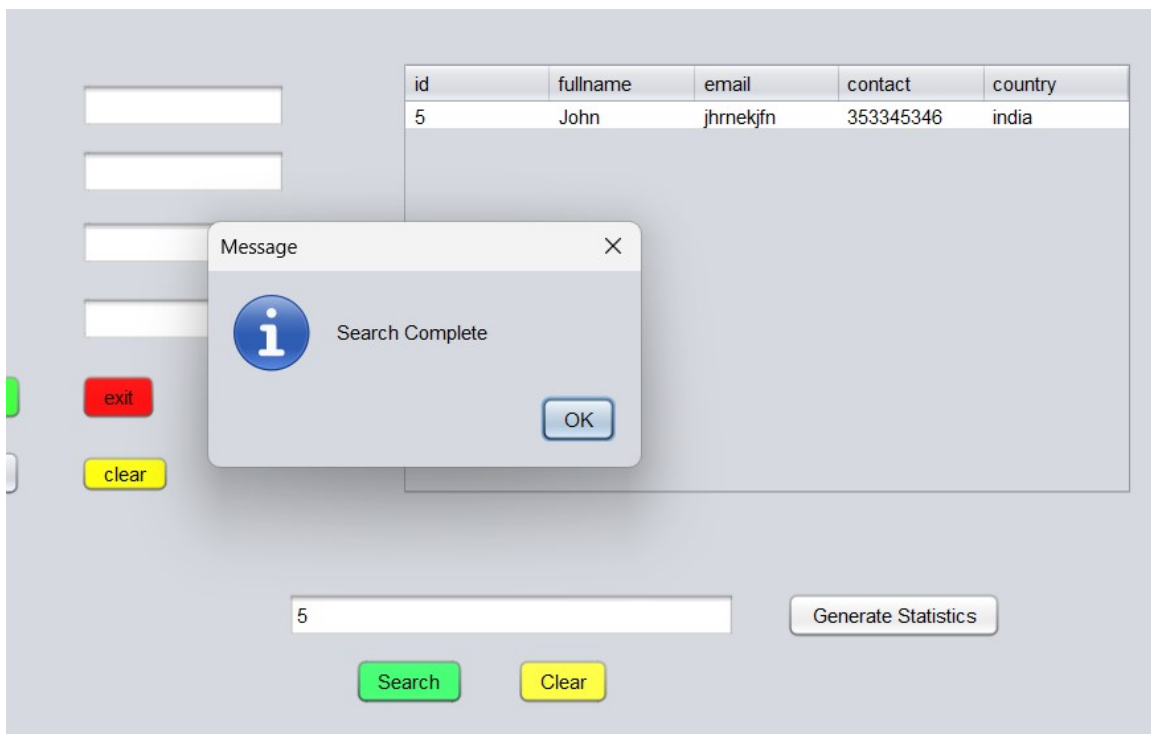


The Attendee Statistics Pane is a small window with a title bar that says "Attendee Statistics" and a close button (X). It contains an information icon (a blue circle with a white 'i') on the left. To the right of the icon, the text "Attendee Counts:" is followed by three lines of data: "Country: america, Attendee Count: 1", "Country: india, Attendee Count: 1", and "Country: uae, Attendee Count: 1". At the bottom right of the pane is an "OK" button.

Clear



Search



Code

```

package com.mycompany.mavenproject3;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.ResultSetMetaData;
import java.sql.SQLException;
import java.util.Vector;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.JOptionPane;
import javax.swing.table.DefaultTableModel;
/**
 *
 * @author John Justine
 */
public class welcome extends javax.swing.JFrame {

    /**
     * Creates new form welcome
     */
    public welcome() {
        initComponents();
        connect();
        load("select * from christ");
    }
    Connection con;
    PreparedStatement pat;
    DefaultTableModel def;
    public void connect() {
try {
        //Class.forName("com.mycompany.mavenproject1.Prabu");
        Class.forName("com.mysql.cj.jdbc.Driver");
        con = DriverManager.getConnection("jdbc:mysql://localhost/student", "root", "");
    } catch (ClassNotFoundException ex) {

        //Class.forName("com.mycompany.mavenproject1.Prabu");
        Class.forName("com.mysql.cj.jdbc.Driver");
        con = DriverManager.getConnection("jdbc:mysql://localhost/student", "root", "");
    } catch (ClassNotFoundException ex) {
        Logger.getLogger(welcome.class.getName()).log(Level.SEVERE, null, ex);
    } catch (SQLException ex) {
        Logger.getLogger(welcome.class.getName()).log(Level.SEVERE, null, ex);
    }
}

    public void load(String sql) {
        try {
            pat = con.prepareStatement(sql);
            ResultSet rs = pat.executeQuery();
            ResultSetMetaData rss = rs.getMetaData();
            int c;
            c = rss.getColumnCount();
            def = (DefaultTableModel) jTable1.getModel();
            def.setRowCount(0);
            while (rs.next()) {
                Vector v = new Vector();
                for (int i = 0; i < c; i++) {
                    v.add(rs.getString("id"));
                }
            }
        }
    }
}

```

```

    }
}

private void jButton6ActionPerformed(java.awt.event.ActionEvent evt) {
load("select * from christ");
jTextField5.setText("");
}

private void jButton7ActionPerformed(java.awt.event.ActionEvent evt) {
try {
    // Prepare the dynamic SQL query
    String query = "SELECT country, COUNT(*) AS attendee_count FROM christ GROUP BY country";

    // Create a PreparedStatement
    PreparedStatement preparedStatement = con.prepareStatement(query);

    // Execute the query
    ResultSet resultSet = preparedStatement.executeQuery();

    // Process the result set
    StringBuilder resultMessage = new StringBuilder("Attendee Counts:\n");

    while (resultSet.next()) {
        String country = resultSet.getString("country");
        int attendeeCount = resultSet.getInt("attendee_count");

        // Append the information to the result message
        resultMessage.append("Country: ").append(country).append(", Attendee Count: ").append(attendeeCount).append("\n");
    }

    // Close resources
    resultSet.close();
    preparedStatement.close();
}
}

```

```

// Variables declaration - do not modify
private javax.swing.JButton jButton1;
private javax.swing.JButton jButton2;
private javax.swing.JButton jButton3;
private javax.swing.JButton jButton4;
private javax.swing.JButton jButton5;
private javax.swing.JButton jButton6;
private javax.swing.JButton jButton7;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel3;
private javax.swing.JLabel jLabel4;
private javax.swing.JScrollPane jScrollPane1;
private javax.swing.JTable jTable1;
private javax.swing.JTextField jTextField1;
private javax.swing.JTextField jTextField2;
private javax.swing.JTextField jTextField3;
private javax.swing.JTextField jTextField4;
private javax.swing.JTextField jTextField5;
private javax.swing.JLabel txtLabel;
// End of variables declaration
}

```