



LoginSpy.java



Java Interface...

```
public interface LoginSpy {
    void LoginValue(boolean pPass);
}
```



FrameLogin.java

```
public class FrameLogin extends javax.swing.JInternalFrame {
    private LoginSpy spy;
    /**
     * Creates new form FrameLogin
     */
    public FrameLogin() {
        initComponents();
    }
    public FrameLogin(LoginSpy spy) {
        initComponents();
        this.spy = spy;
    }
}
```

The screenshot shows a Java Swing window titled 'FrameLogin'. It contains two text input fields: 'Username' and 'Password'. Below the 'Username' field is a 'Login' button, and below the 'Password' field is a 'ResetForm' button. The window has a standard Mac OS-style title bar with a close button.

Reset Form Button

```
private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    username.setText("");
    password.setText("");
}
```

Login Button

```
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    String user = username.getText();
    String pass = password.getText();

    if (user.equals("admin") && pass.equals("1234")) {
        if (spy != null) {
            spy.LoginValue(true);
        }

        this.dispose();
    } else {
        javax.swing.JOptionPane.showMessageDialog(this,
            "Invalid Username or Password",
            "Message",
            javax.swing.JOptionPane.WARNING_MESSAGE);
    }
}
```

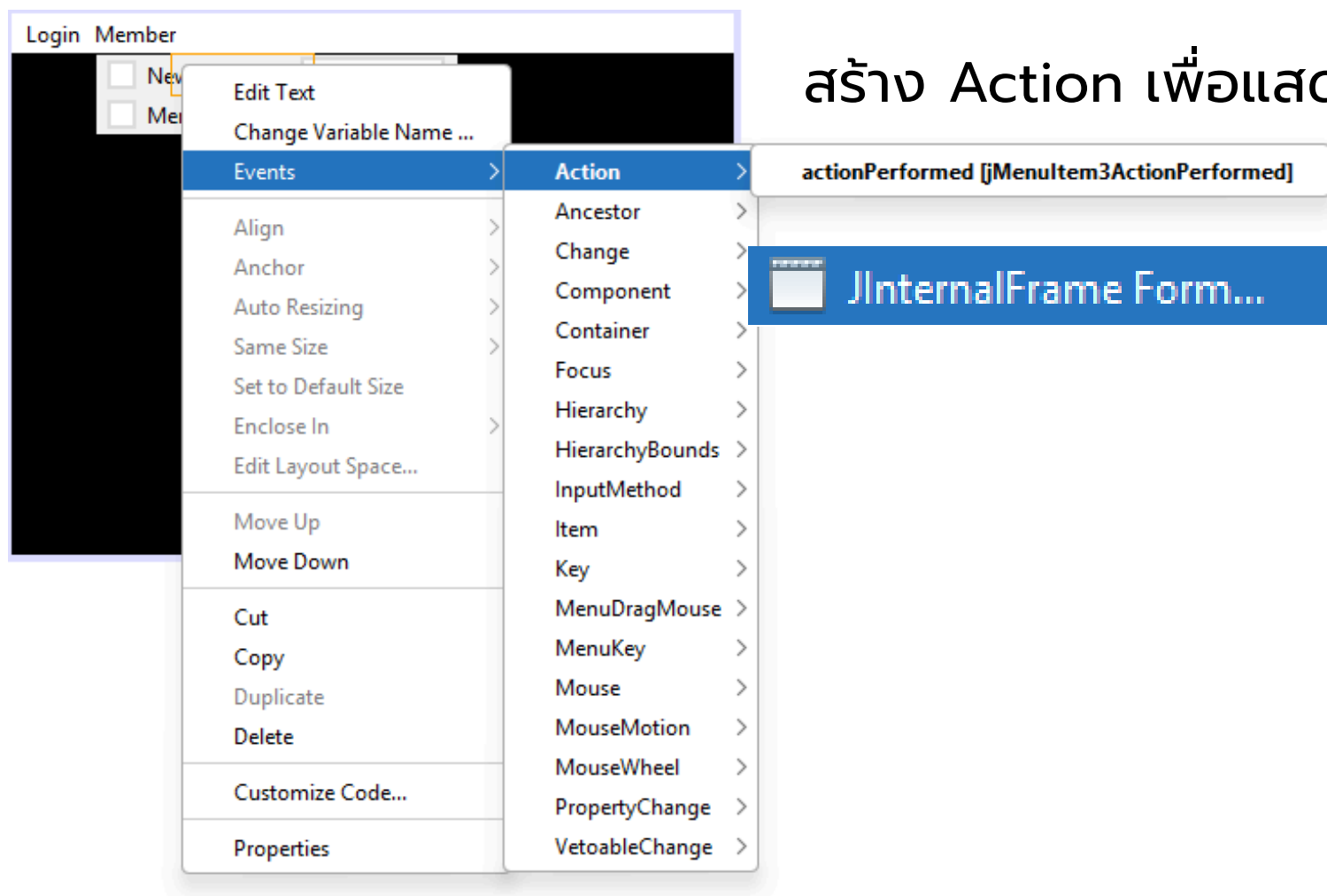


UiMain.java [-/A] ×

```
public class UiMain extends javax.swing.JFrame {

    private static final java.util.logging.Logger logger = java.util.logging.Logger.getLogger(UiMain.class.getName());
    private FrameLogin login = null;
    /**
     * Creates new form UiMain
     */
    public UiMain() {
        initComponents();
        jMenuBar1.setVisible(false);
        ShowMenu();
    }

    private void ShowMenu() {
        if(login == null) {
            login = new FrameLogin(new LoginSpy() {
                @Override
                public void LoginValue(boolean pPass)
                {
                    if(pPass == true)
                    {
                        jMenuBar1.setVisible(true);
                        jDesktopPanel.removeAll();
                    }
                }
            });
            jDesktopPanel.add(login);
            login.setVisible(true);
        }
    }
}
```



สร้าง Action เพื่อแสดงหน้าต่างที่ต้องการ

เปิดใช้งานหน้าต่างที่ต้องการจาก Menubar

```
@SuppressWarnings("unchecked")
```

```
Generated Code
```

```
private void jMenuItem3ActionPerformed(java.awt.event.ActionEvent evt) {  
    NewMemberSpy newMember = new NewMemberSpy();  
    jDesktopPanel.add(newMember);  
    newMember.setVisible(true);  
}
```

```
private void jMenuItem4ActionPerformed(java.awt.event.ActionEvent evt) {  
    MemberListSpy MemberList = new MemberListSpy();  
    jDesktopPanel.add(MemberList);  
    MemberList.setVisible(true);  
}
```



NewMemberSpy.java

(ไม่มี Reload)

ส่งข้อมูลไปตาราง

```

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {

    String id = memberid.getText().trim();
    String fName = firstname.getText().trim();
    String lName = lastname.getText().trim();
    String mClass = memberclass.getText().trim();
    String Email = email.getText().trim();
    String Phone = phone.getText().trim();

    if (id.isEmpty() || fName.isEmpty() || lName.isEmpty() ||
        mClass.isEmpty() || Email.isEmpty() || Phone.isEmpty()) {

        javax.swing.JOptionPane.showMessageDialog(this,
            "Please fill in the information in the table completely.",
            "Message",
            javax.swing.JOptionPane.WARNING_MESSAGE);
        return;
    }

    if (!mClass.equals("First") && !mClass.equals("Business") && !mClass.equals("Economy")) {

        javax.swing.JOptionPane.showMessageDialog(this,
            "Invalid Member Class ( Member Class First, BusinessEconomy )",
            "Message",
            javax.swing.JOptionPane.WARNING_MESSAGE);
        return;
    }

    if (MemberListSpy.model != null) {
        MemberListSpy.model.addRow(new Object[]{id, fName, lName, mClass,});

        memberid.setText("");
        firstname.setText("");
        lastname.setText("");
        memberclass.setText("");
        email.setText("");
        phone.setText("");

        javax.swing.JOptionPane.showMessageDialog(this, "Save Complete !");
    } else {
        javax.swing.JOptionPane.showMessageDialog(this, "Error Save Member List ");
    }
}

```

บันทึกข้อมูลลง Array

```

public class NewMemberSpy extends javax.swing.JInternalFrame {
    public static java.util.ArrayList<String[]> dataStore = new java.util.ArrayList<>();

    public NewMemberSpy() {
        initComponents();
    }
}

```

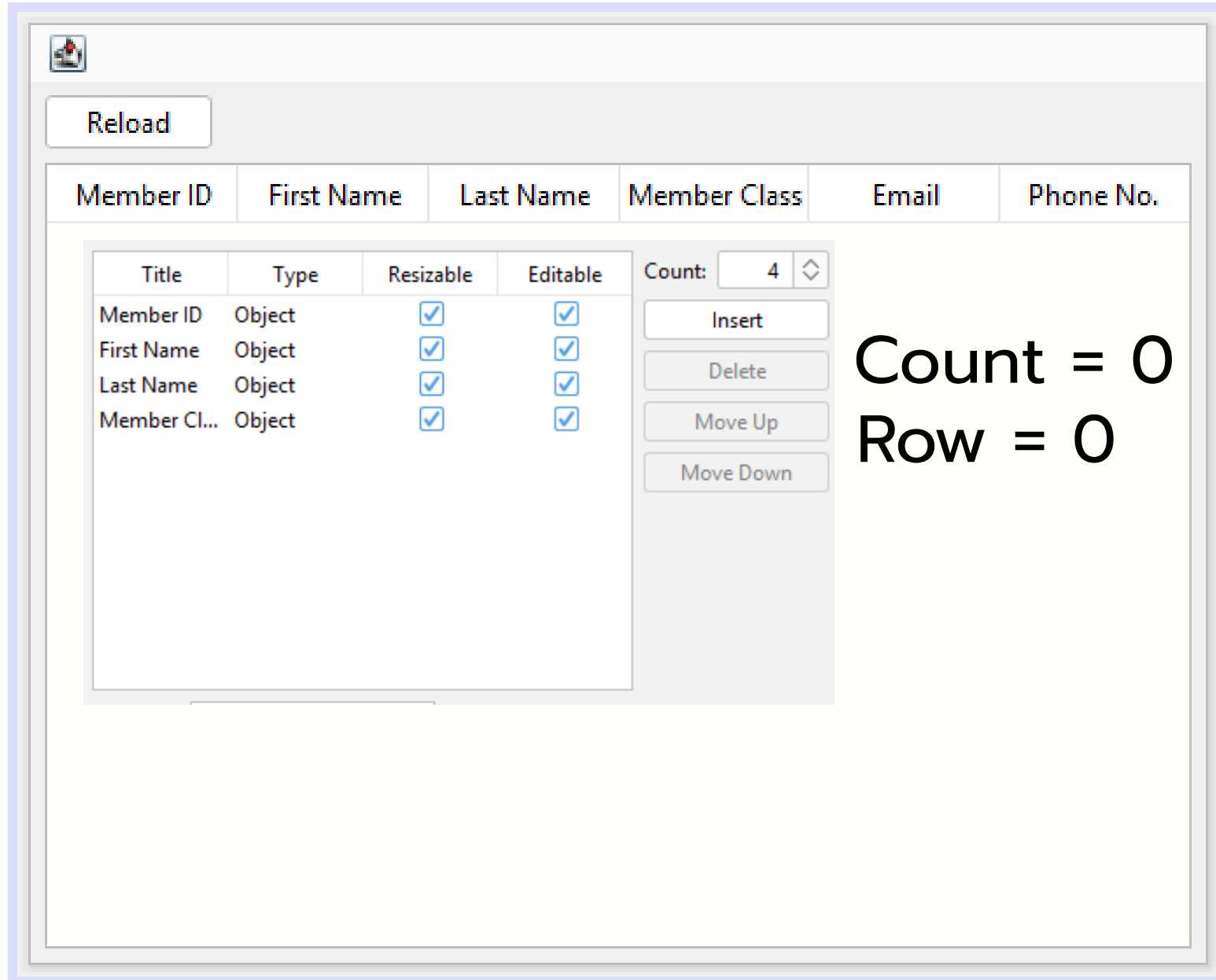
ปิดเก็บ

```

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    dispose();
}

```

MemberListSpy.java Save ข้อมูล ลงตาราง (ไม่มี Reload)



รับข้อมูลและบันทึกลงตาราง

```
11 public class MemberListSpy extends javax.swing.JInternalFrame {
12     public static javax.swing.table.DefaultTableModel model;
13
14     public MemberListSpy() {
15         initComponents();
16         model = (javax.swing.table.DefaultTableModel) jTable1.getModel();
17     }
```



NewMemberSpy.java

(มี Reload)

ส่งข้อมูลไปตาราง

```
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {  
  
    String id = memberid.getText().trim();  
    String fName = firstname.getText().trim();  
    String lName = lastname.getText().trim();  
    String mClass = memberclass.getText().trim();  
    String Email = email.getText().trim();  
    String Phone = phone.getText().trim();  
  
    if (id.isEmpty() || fName.isEmpty() || lName.isEmpty() ||  
        mClass.isEmpty() || Email.isEmpty() || Phone.isEmpty()) {  
  
        javax.swing.JOptionPane.showMessageDialog(this,  
            "Please fill in the information in the table completely.",  
            "Message",  
            javax.swing.JOptionPane.WARNING_MESSAGE);  
        return;  
    }  
  
    if (!mClass.equals("First") && !mClass.equals("Business") && !mClass.equals("Economy")) {  
  
        javax.swing.JOptionPane.showMessageDialog(this,  
            "Invalid Member Class ( Member Class First, BusinessEconomy )",  
            "Message",  
            javax.swing.JOptionPane.WARNING_MESSAGE);  
        return;  
    }  
  
    if (MemberListSpy.model != null) {  
        String[] rowData = {id, fName, lName, mClass, Email, Phone};  
        MemberListSpy.dataStore.add(rowData);  
  
        memberid.setText("");  
        firstname.setText("");  
        lastname.setText("");  
        memberclass.setText("");  
        email.setText("");  
        phone.setText("");  
  
        javax.swing.JOptionPane.showMessageDialog(this, "Save Complete !");  
    } else {  
        javax.swing.JOptionPane.showMessageDialog(this, "Error Save Member List ");  
    }  
}
```

บันทึกข้อมูลลง Array

```
public class NewMemberSpy extends javax.swing.JInternalFrame {  
    public static java.util.ArrayList<String[]> dataStore = new java.util.ArrayList<>();  
  
    public NewMemberSpy() {  
        initComponents();  
    }  
}
```

ปิดเก็บ

```
private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {  
    dispose();  
}
```



MemberListSpy.java

Save ข้อมูล ลงตาราง (มี Reload)

```
public class MemberListSpy extends javax.swing.JInternalFrame {  
    public static java.util.ArrayList<String[]> dataStore = new java.util.ArrayList<>();  
    public static javax.swing.table.DefaultTableModel model;  
  
    public MemberListSpy() {  
        initComponents();  
        model = (javax.swing.table.DefaultTableModel) jTable1.getModel();  
    }  
}
```

```
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {  
    javax.swing.table.DefaultTableModel model = (javax.swing.table.DefaultTableModel) jTable1.getModel();  
  
    model.setRowCount(0);  
    for (String[] row : dataStore) {  
        model.addRow(row);  
    }  
}
```