

 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;  
    }  
}
```

### Reset Form Button

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



### Login Button

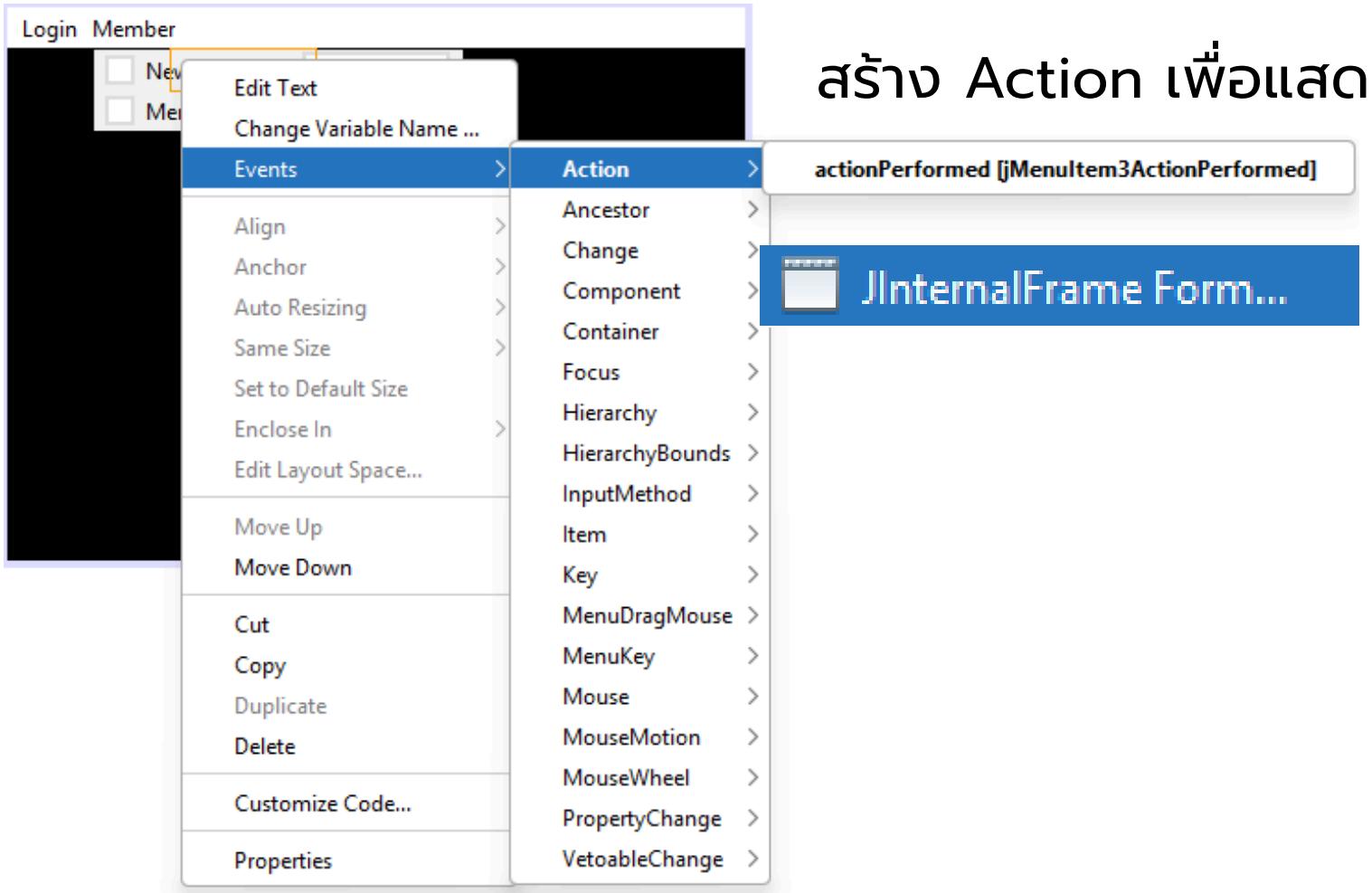
```
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {  
    String user = username.getText();  
    String pass = password.getText();  
  
    if (user.equals("admin") && pass.equals("1234")) {  
  
        if (spy != null) {  
            spy.LoginValue(true);  
        }  
  
        this.dispose();  
    } else {  
        javax.swing.JOptionPane.showMessageDialog(this,  
            "Invalid Username or Password",  
            "Message",  
            javax.swing.JOptionPane.WARNING_MESSAGE);  
    }  
}
```

## UiMain.java [-/A] X

```
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

### เปิดใช้งานหน้าที่ต้องการจาก 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  
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<>();

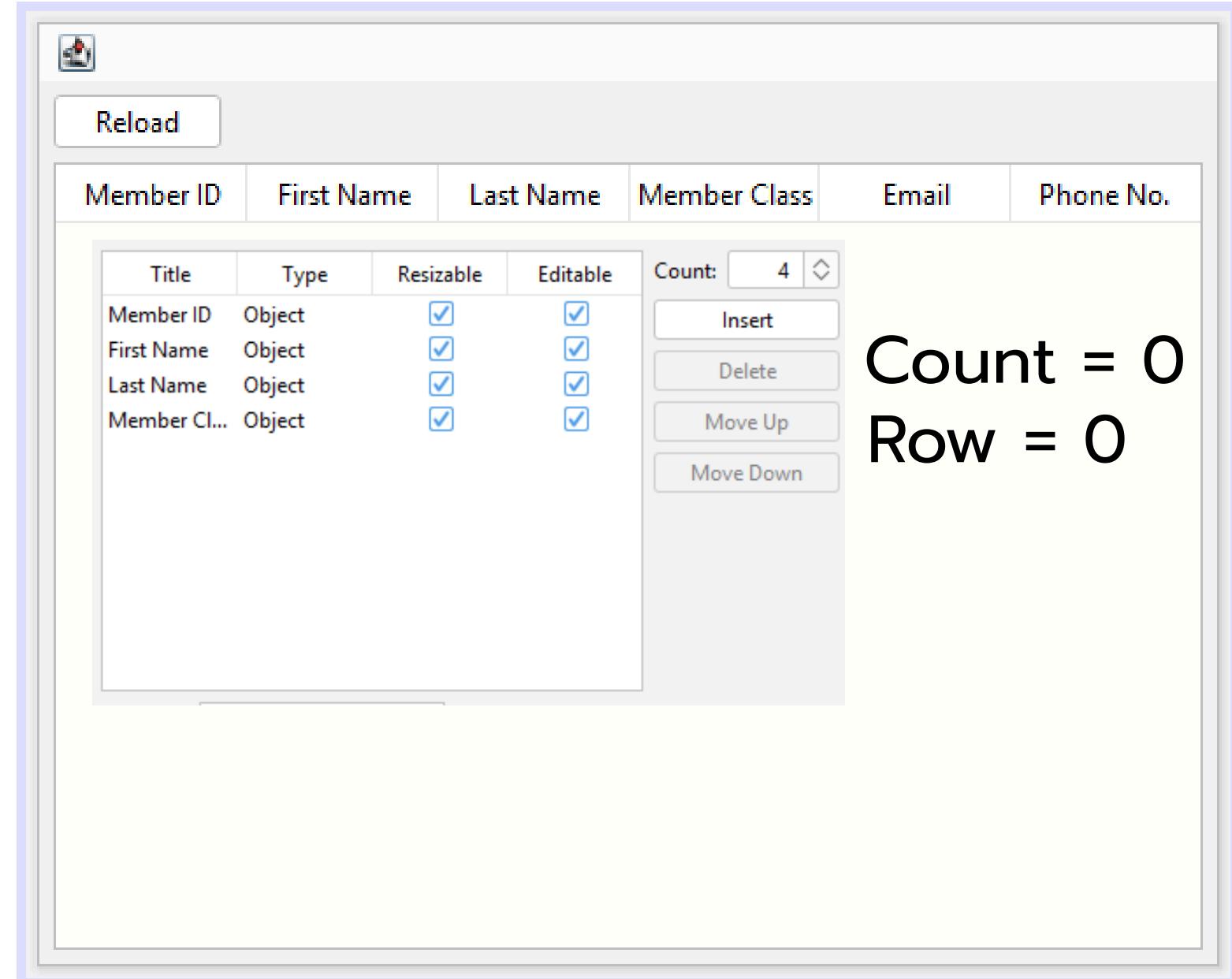
    public NewMemberSpy() {
        initComponents();
    }
}
```

## ปิดแก้ไข

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

}

# Save ข้อมูล ลงตาราง (ไม่มี Reload)



Count = 0  
Row = 0

## 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      }  
18  }
```



NewMemberSpy.java  
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 ");
    }
}
```

(ปี Reload)

## บันทึกข้อมูลลง Array

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

    public NewMemberSpy() {
        initComponents();
    }
}
```

## ปิดแก้ไข

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



## MemberListSpy.java

### Save ຂໍາມູນ ແລນຕາຮາງ (ໃຈ 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);
        }
    }
}
```