UML DIAGRAM

SUCCESS

```
static Success frame;
- JPanel contentPane;
- JPanel titlePanel;
- JLabel titleLabel;
- JTextField meterNumber;
- JTextField meterNumberField;
- JTextField fNameField;
- JTextField lNameField;
- JTextField userField;
- JPasswordField passwordField;
- JTextField accessField;
- JFileChooser chooser;
static JTable table;
- JTextField textsField;
```

```
+ JMenuBar createMenuBar()
+ void actionPerformed(ActionEvent e)
```

SCHEDULEELECTRICITY

```
- JPanel contentPane;
- JPanel button;
- JTextField txtDate;
```

```
public void actionPerformed(ActionEvent arg0)
```

VIEWUSERS

```
+JFrame frame1;
+JTextField textbox;
+JLabel label;
+JButton button;
+JPanel panel;
static JTable table;
```

```
public void showTableData()
```

DATABASE

```
+Connection con;
+PreparedStatement pst;
+PreparedStatement pst2;
+PreparedStatement pstmeter;
+PreparedStatement preparedStmt;
+PreparedStatement pstView;
+PreparedStatement pstDate;
+ResultSet rs;
+ResultSet rs2;
+ResultSet rs3;
+ResultSet rs4;
```

```
+ Boolean checkLogin(String uname,String pwd)
+ Boolean checkUser(String uname)
+ Boolean checkMeterNumber(String meterNumber)
+ Boolean insertUser(String meterNumber, String grid, String fName,
String lName, String uname, String password, String access)
+Boolean checkAdmin(String meterField)
+ Boolean deleteUser(String meterNumber)
+ Boolean insertSchedule(String txtDate, String grid, String schedule1,
String schedule2, String schedule3, String schedule4, String
schedule5, String schedule6, String schedule7, String schedule8)
+ Boolean checkDate(String txtDate, String grid)
+ void calculate(String month, String meterNumberField, String
unitConsumed)
+ Boolean sendMessage(String grid, String texts)
+ Boolean sendMessagetoAdmin(String grid, String textArea)
```

SUCCESS2

```
static Success2 frame;
- JPanel contentPane;
- JPanel titlePanel;
- JLabel titleLabel;
- JTextField fNameField;
- JTextField lNameField;
- JTextField userField;
- JPasswordField
passwordField;
- JTextField accessField;
- JFileChooser chooser;
- JTable table;
- JTextField textsField;
```

```
+ JMenuBar createMenuBar()
+ void
actionPerformed(ActionEvent e)
```

VIEWSCHEDULE

```
+JFrame frame1;
+JTextField textbox;
+JLabel label;
+JButton button;
+JPanel panel;
static JTable table;
```

```
+ void showTableData()
```

```
+ void showTableData()
```