

SIES COLLEGE OF ARTS, SCIENCE & COMMERCE  
SION(W), MUMBAI-22  
(AUTONOMOUS)

DEPARTMENT OF INFORMATION TECHNOLOGY

TYBSc(IT), SEMESTER V

INTERNAL PROJECT

for the subject

ENTERPRISE JAVA

Title of the Project:

SOCIETY ENTRY REGISTRATION

Submitted by

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## Topic: JTable

The JTable is used to display and edit regular two-dimensional tables of cells. JTable has many facilities that make it possible to customize its rendering and editing but provides defaults for these features so that simple tables can be set up easily.

### Class Name: JTable

#### Constructors:

1. **JTable** :- Constructs a default JTable that is initialized with a default data model, a default column model default selection model.
2. **JTextArea(String text)** :- Constructs a new TextArea with the specified text displayed.
3. **JLabel(String text)** :- Creates a JLabel instance with the specified text.
4. **JPanel()** :-Creates a new JPanel with a double buffer and a flow layout.
5. **JButton(String text)** :- Creates a button with text.

#### Methods:

1. **getSelectedRow()**: Returns the index of the first selected row, -1 if no row is selected.
2. **getValueAt(int row, int column)**: Returns the cell value at row and column.
3. **getModel()**: Returns the TableModel that provides the data displayed by this JTable
4. **getText()** : Fetches the text contained within the given portion of the document.
5. **setVisible(boolean b)**: Shows or hides this component depending on the value of parameter b.

## **Source Code:**

### **1. NewJFrame.java**

```
package project;

import static java.lang.System.out;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

/*import java.sql.SQLException;

import java.util.logging.Level;

import java.util.logging.Logger;*/

import java.time.format.DateTimeFormatter;

import java.time.LocalDateTime;

import javax.swing.JOptionPane;

import javax.swing.ListSelectionModel;

import javax.swing.table.TableModel;

//import javax.swing.table.DefaultTableModel;

import net.proteanit.sql.DbUtils;


public class NewJFrame extends javax.swing.JFrame {

    Connection con = null;

    PreparedStatement pst = null;

    ResultSet rs = null;

    String wname;
```

```
public NewJFrame(String uname1) {  
    this.wname=uname1;  
    initComponents();  
    showTableData();  
}
```

```
/**
```

```
 * This method is called from within the constructor to initialize the form.
```

```
 * WARNING: Do NOT modify this code. The content of this method is always
```

```
 * regenerated by the Form Editor.
```

```
 */
```

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

```
// <editor-fold defaultstate="collapsed" desc="Generated Code">
```

```
private void initComponents() {
```

```
    jPanel1 = new javax.swing.JPanel();
```

```
    jScrollPane1 = new javax.swing.JScrollPane();
```

```
    jTable1 = new javax.swing.JTable();
```

```
    jLabel9 = new javax.swing.JLabel();
```

```
    jButton4 = new javax.swing.JButton();
```

```
    panel1 = new java.awt.Panel();
```

```
    jLabel11 = new javax.swing.JLabel();
```

```
    jLabel8 = new javax.swing.JLabel();
```

```
    jSeparator1 = new javax.swing.JSeparator();
```

```
    Id = new javax.swing.JTextField();
```

```

fname = new javax.swing.JTextField();
jLabel3 = new javax.swing.JLabel();
lname = new javax.swing.JTextField();
jLabel4 = new javax.swing.JLabel();
phone = new javax.swing.JTextField();
jLabel5 = new javax.swing.JLabel();
noofppl = new javax.swing.JTextField();
jLabel6 = new javax.swing.JLabel();
build = new javax.swing.JTextField();
jLabel7 = new javax.swing.JLabel();
room = new javax.swing.JTextField();
jButton1 = new javax.swing.JButton();
jButton2 = new javax.swing.JButton();
jButton3 = new javax.swing.JButton();
jButton5 = new javax.swing.JButton();
jLabel10 = new javax.swing.JLabel();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

jPanel1.setBackground(new java.awt.Color(0, 0, 0));
jPanel1.setForeground(new java.awt.Color(102, 102, 102));

jTable1.setBackground(new java.awt.Color(0, 102, 102));
jTable1.setForeground(new java.awt.Color(204, 204, 204));
jTable1.setModel(new javax.swing.table.DefaultTableModel(
    new Object [][] {
        { null, null, null, null, null, null, null, null, null, null, null },

```



```
        "Watchman ID:", "Visitor ID:", "First Name:", "Last Name:", "Phone:", "No. of  
people:", "Building:", "Room No:", "Entry Date:", "Entry Time:", "Exit Date:", "Exit Time:"
```

```
    }
```

```
));
```

```
jTable1.addMouseListener(new java.awt.event.MouseAdapter() {
```

```
    public void mouseClicked(java.awt.event.MouseEvent evt) {
```

```
        jTable1MouseClicked(evt);
```

```
    }
```

```
});
```

```
jScrollPane1.setViewportView(jTable1);
```

```
jLabel9.setBackground(new java.awt.Color(0, 0, 0));
```

```
jLabel9.setFont(new java.awt.Font("Segoe UI", 1, 30)); // NOI18N
```

```
jLabel9.setForeground(new java.awt.Color(0, 153, 153));
```

```
jLabel9.setText("VISITOR INFORMATION");
```

```
jButton4.setBackground(new java.awt.Color(0, 153, 153));
```

```
jButton4.setForeground(new java.awt.Color(255, 255, 255));
```

```
jButton4.setText("Sign Out");
```

```
jButton4.addActionListener(new java.awt.event.ActionListener() {
```

```
    public void actionPerformed(java.awt.event.ActionEvent evt) {
```

```
        jButton4ActionPerformed(evt);
```

```
    }
```

```
});
```

```
panel1.setBackground(new java.awt.Color(12, 12, 13));
```

```
jLabel1.setBackground(new java.awt.Color(0, 0, 0));  
jLabel1.setFont(new java.awt.Font("Segoe UI", 1, 18)); // NOI18N  
jLabel1.setForeground(new java.awt.Color(0, 204, 204));  
jLabel1.setText("Visitor Id:");
```

```
jLabel8.setBackground(new java.awt.Color(0, 0, 0));  
jLabel8.setFont(new java.awt.Font("Segoe UI", 1, 30)); // NOI18N  
jLabel8.setForeground(new java.awt.Color(0, 153, 153));  
jLabel8.setText("VISITOR'S DETAILS");
```

```
Id.setBorder(null);  
Id.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        IdActionPerformed(evt);  
    }  
});
```

```
fname.setBorder(null);
```

```
jLabel3.setBackground(new java.awt.Color(0, 0, 0));  
jLabel3.setFont(new java.awt.Font("Segoe UI", 1, 18)); // NOI18N  
jLabel3.setForeground(new java.awt.Color(0, 204, 204));  
jLabel3.setText("First name:");
```

```
lname.setFont(new java.awt.Font("Segoe UI", 0, 13)); // NOI18N  
lname.setBorder(null);
```



```
jLabel4.setBackground(new java.awt.Color(0, 0, 0));  
jLabel4.setFont(new java.awt.Font("Segoe UI", 1, 18)); // NOI18N  
jLabel4.setForeground(new java.awt.Color(0, 204, 204));  
jLabel4.setText("Phone no:");
```

```
phone.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        phoneActionPerformed(evt);  
    }  
});
```

```
jLabel5.setBackground(new java.awt.Color(0, 0, 0));  
jLabel5.setFont(new java.awt.Font("Segoe UI", 1, 18)); // NOI18N  
jLabel5.setForeground(new java.awt.Color(0, 204, 204));  
jLabel5.setText("No. of people:");
```

```
noofppl.setBorder(null);
```

```
jLabel6.setBackground(new java.awt.Color(0, 0, 0));  
jLabel6.setFont(new java.awt.Font("Segoe UI", 1, 18)); // NOI18N  
jLabel6.setForeground(new java.awt.Color(0, 204, 204));  
jLabel6.setText("Building:");
```

```
jLabel7.setBackground(new java.awt.Color(0, 0, 0));  
jLabel7.setFont(new java.awt.Font("Segoe UI", 1, 18)); // NOI18N  
jLabel7.setForeground(new java.awt.Color(0, 204, 204));  
jLabel7.setText("Room No:");
```

```
room.setBorder(null);
```

```
jButton1.setBackground(new java.awt.Color(0, 153, 153));
```

```
jButton1.setFont(new java.awt.Font("SansSerif", 1, 12)); // NOI18N
```

```
jButton1.setForeground(new java.awt.Color(255, 255, 255));
```

```
jButton1.setText("Entry");
```

```
jButton1.addActionListener(new java.awt.event.ActionListener() {
```

```
    public void actionPerformed(java.awt.event.ActionEvent evt) {
```

```
        jButton1ActionPerformed(evt);
```

```
    }
```

```
});
```

```
jButton2.setBackground(new java.awt.Color(0, 153, 153));
```

```
jButton2.setFont(new java.awt.Font("SansSerif", 1, 12)); // NOI18N
```

```
jButton2.setForeground(new java.awt.Color(255, 255, 255));
```

```
jButton2.setText("Exit");
```

```
jButton2.addActionListener(new java.awt.event.ActionListener() {
```

```
    public void actionPerformed(java.awt.event.ActionEvent evt) {
```

```
        jButton2ActionPerformed(evt);
```

```
    }
```

```
});
```

```
jButton3.setBackground(new java.awt.Color(0, 153, 153));
```

```
jButton3.setFont(new java.awt.Font("SansSerif", 1, 12)); // NOI18N
```

```
jButton3.setForeground(new java.awt.Color(255, 255, 255));
```

```
jButton3.setText("Refresh");
```

```

jButton3.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton3ActionPerformed(evt);
    }
});

```

```

jButton5.setBackground(new java.awt.Color(0, 153, 153));
jButton5.setForeground(new java.awt.Color(255, 255, 255));
jButton5.setText("Reset Time");
jButton5.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton5ActionPerformed(evt);
    }
});

```

```

jLabel10.setBackground(new java.awt.Color(0, 0, 0));
jLabel10.setFont(new java.awt.Font("Segoe UI", 1, 18)); // NOI18N
jLabel10.setForeground(new java.awt.Color(0, 204, 204));
jLabel10.setText("Last name:");

```

```

javax.swing.GroupLayout panel1Layout = new javax.swing.GroupLayout(panel1);
panel1.setLayout(panel1Layout);
panel1Layout.setHorizontalGroup(
    panel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(panel1Layout.createSequentialGroup()

```

```

        .addGroup(panel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

```

```

        .addGroup(panel1Layout.createSequentialGroup())

        .addGap(56, 56, 56)

.addGroup(panel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

        .addComponent(jLabel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

        .addComponent(jLabel5, javax.swing.GroupLayout.DEFAULT_SIZE, 179,
Short.MAX_VALUE)

        .addComponent(jLabel4, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

        .addComponent(jLabel6, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

        .addComponent(jLabel7, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

        .addComponent(jLabel3, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

        .addComponent(jLabel10, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))

        .addGap(60, 60, 60))

.addGroup(panel1Layout.createSequentialGroup())

        .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)

        .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 70,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addGap(35, 35, 35)

        .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 75,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addGap(30, 30, 30)))

.addGroup(panel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

```

```

        .addGroup(panel1Layout.createSequentialGroup())

        .addComponent(jButton3)

        .addGap(34, 34, 34)

        .addComponent(jButton5, javax.swing.GroupLayout.PREFERRED_SIZE,
118, javax.swing.GroupLayout.PREFERRED_SIZE)

        .addGap(65, 65, 65))

        .addGroup(javax.swing.GroupLayout.Alignment.LEADING,
panel1Layout.createSequentialGroup())

.addGroup(panel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING, false)

        .addComponent(Id, javax.swing.GroupLayout.Alignment.LEADING)

        .addComponent(fname, javax.swing.GroupLayout.Alignment.LEADING)

        .addComponent(lname, javax.swing.GroupLayout.Alignment.LEADING)

        .addComponent(phone, javax.swing.GroupLayout.Alignment.LEADING,
javax.swing.GroupLayout.DEFAULT_SIZE, 192, Short.MAX_VALUE)

        .addComponent(noofppl, javax.swing.GroupLayout.Alignment.LEADING)

        .addComponent(build, javax.swing.GroupLayout.Alignment.LEADING)

        .addComponent(room, javax.swing.GroupLayout.Alignment.LEADING))

        .addContainerGap()))

.addComponent(jSeparator1, javax.swing.GroupLayout.Alignment.TRAILING)

.addGroup(panel1Layout.createSequentialGroup()

        .addGap(130, 130, 130)

        .addComponent(jLabel8, javax.swing.GroupLayout.PREFERRED_SIZE, 286,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))

);

panel1Layout.setVerticalGroup(

        panel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

```

```

        .addGroup(panel1Layout.createSequentialGroup())

        .addContainerGap()

        .addComponent(jLabel8, javax.swing.GroupLayout.PREFERRED_SIZE, 49,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

        .addComponent(jSeparator1, javax.swing.GroupLayout.PREFERRED_SIZE, 8,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addGap(21, 21, 21)

    .addGroup(panel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

        .addComponent(Id, javax.swing.GroupLayout.PREFERRED_SIZE, 37,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 36,
javax.swing.GroupLayout.PREFERRED_SIZE))

        .addGap(18, 18, 18)

    .addGroup(panel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

        .addGroup(panel1Layout.createSequentialGroup())

        .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 37,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addGap(0, 2, Short.MAX_VALUE))

        .addComponent(fname))

        .addGap(18, 18, 18)

    .addGroup(panel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

        .addComponent(lname, javax.swing.GroupLayout.PREFERRED_SIZE, 37,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addComponent(jLabel10, javax.swing.GroupLayout.PREFERRED_SIZE, 37,
javax.swing.GroupLayout.PREFERRED_SIZE))

```

```
.addGap(18, 18, 18)
```

```
.addGroup(panel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
.addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED_SIZE, 37,  
javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
.addComponent(phone, javax.swing.GroupLayout.PREFERRED_SIZE, 37,  
javax.swing.GroupLayout.PREFERRED_SIZE))
```

```
.addGap(18, 18, Short.MAX_VALUE)
```

```
.addGroup(panel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
```

```
.addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED_SIZE, 37,  
javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
.addComponent(noofppl, javax.swing.GroupLayout.PREFERRED_SIZE, 37,  
javax.swing.GroupLayout.PREFERRED_SIZE))
```

```
.addGroup(panel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
.addGroup(panel1Layout.createSequentialGroup())
```

```
.addGap(18, 18, 18)
```

```
.addComponent(jLabel6, javax.swing.GroupLayout.PREFERRED_SIZE, 38,  
javax.swing.GroupLayout.PREFERRED_SIZE))
```

```
.addGroup(panel1Layout.createSequentialGroup())
```

```
.addGap(20, 20, 20)
```

```
.addComponent(build, javax.swing.GroupLayout.PREFERRED_SIZE, 37,  
javax.swing.GroupLayout.PREFERRED_SIZE)))
```

```
.addGap(18, 18, 18)
```

```
.addGroup(panel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
.addComponent(room, javax.swing.GroupLayout.PREFERRED_SIZE, 37,  
javax.swing.GroupLayout.PREFERRED_SIZE)
```





```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
    .addComponent(jScrollPane1,  
        javax.swing.GroupLayout.PREFERRED_SIZE, 1006,  
        javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
    .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,  
        jPanel1Layout.createSequentialGroup()
```

```
        .addComponent(jButton4,  
            javax.swing.GroupLayout.PREFERRED_SIZE, 110,  
            javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
        .addGap(8, 8, 8)))
```

```
    .addGap(38, 38, 38))
```

```
    .addGroup(jPanel1Layout.createSequentialGroup()
```

```
        .addGap(0, 0, Short.MAX_VALUE)
```

```
        .addComponent(jLabel9)
```

```
        .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,  
            Short.MAX_VALUE))))
```

```
);
```

```
jPanel1Layout.setVerticalGroup(  
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
    .addGroup(jPanel1Layout.createSequentialGroup()
```

```
        .addGap(58, 58, 58)
```

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
    .addComponent(panel1, javax.swing.GroupLayout.PREFERRED_SIZE,  
        javax.swing.GroupLayout.DEFAULT_SIZE,  
        javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
    .addGroup(jPanel1Layout.createSequentialGroup()
```

```
        .addComponent(jLabel9, javax.swing.GroupLayout.PREFERRED_SIZE, 49,  
            javax.swing.GroupLayout.PREFERRED_SIZE)
```

```

        .addGap(18, 18, 18)

        .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addGap(39, 39, 39)

        .addComponent(jButton4, javax.swing.GroupLayout.PREFERRED_SIZE, 36,
javax.swing.GroupLayout.PREFERRED_SIZE)))

        .addContainerGap(49, Short.MAX_VALUE))

    );

    javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
    getContentPane().setLayout(layout);

    layout.setHorizontalGroup(

        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

            .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

    );

    layout.setVerticalGroup(

        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

            .addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

    );

    pack();

} // </editor-fold>

```

```

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {

    int a=JOptionPane.showConfirmDialog(this,"Are you sure you want to refresh?");

```

```

if(a==JOptionPane.YES_OPTION){

this.setDefaultCloseOperation(this.EXIT_ON_CLOSE);

try {

    String time=Time();

    String date=Date();

    String sq = ("insert into record select * from visitors");

    String sql = ("Truncate table visitors");

    //String sql1 = ("create table visitors(Visitor_ID int NOT NULL
    AUTO_INCREMENT PRIMARY KEY,Watchman_ID varchar(20),Fname
    varchar(20),Lname varchar(20),Phone varchar(20),No_of_people varchar(4),Building
    varchar(20),Room_no varchar (20),Entry_date varchar(20),Entry_Time
    varchar(20),Exit_date varchar(20),Exit_time varchar(20))");

    con = DriverManager.getConnection("jdbc:mysql://localhost/society","root","root");

    PreparedStatement pst2 = con.prepareStatement(sq);

    pst = con.prepareStatement(sql);

    // PreparedStatement pst1 = con.prepareStatement(sql1);

    pst2.executeUpdate();

    pst.executeUpdate();

    //pst1.executeUpdate();

    } catch (Exception ex)

    { out.println("error refresh");

    }

    showTableData();

    }

}

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

    try {

```

```

String time=Time();

String date=Date();

String sql = ("Update visitors set Exit_date=?,Exit_time=? where Visitor_ID=?");

con = DriverManager.getConnection("jdbc:mysql://localhost/society","root","root");

pst = con.prepareStatement(sql);

pst.setString(1,date);

pst.setString(2,time);

pst.setString(3,Id.getText());

pst.executeUpdate();

} catch (Exception ex)

{ out.println("error");

}

showTableData();

}

```

```

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

    if (JOptionPane.showConfirmDialog(this,"Enter
Details?")==JOptionPane.YES_OPTION)

    {

        try {

            String time=Time();

            String date=Date();

            String sql = ("Insert into
visitors(Watchman_ID,Fname,Lname,Phone,No_of_people,Building,Room_no,Entry_date,E
ntry_time,Exit_date,Exit_Time) values(?,?,?,?,?,?,?,?,?,?)");

            con = DriverManager.getConnection("jdbc:mysql://localhost/society","root","root");

```

```
pst = con.prepareStatement(sql);
pst.setString(1,wname);
pst.setString(2,fname.getText());
pst.setString(3,lname.getText());
pst.setString(4,phone.getText());
pst.setString(5,noofppl.getText());
pst.setString(6,buidl.getText());
pst.setString(7,room.getText());
pst.setString(8,date);
pst.setString(9,time);
pst.setString(10," ");
pst.setString(11," ");
pst.executeUpdate();
```

```
    } catch (Exception ex)
    {out.println("error insert");
    }
    showTableData();
    }
    this.setDefaultCloseOperation(this.EXIT_ON_CLOSE);
}
```

```
private void IdActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}
```

```
private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {  
    dispose();  
    new login().setVisible(true);// TODO add your handling code here:  
}
```

```
private void jButton5ActionPerformed(java.awt.event.ActionEvent evt) {  
    try {  
        String time=Time();  
        String date=Date();  
        String sql = ("Update visitors set Exit_date=?,Exit_time=? where Visitor_ID=?");  
        con = DriverManager.getConnection("jdbc:mysql://localhost/society","root","root");  
        pst = con.prepareStatement(sql);  
        pst.setString(1,"");  
        pst.setString(2,"");  
        pst.setString(3,Id.getText());  
        pst.executeUpdate();  
    } catch (Exception ex)  
    { out.println("error");  
    }  
    showTableData();  
}
```

```
private void phoneActionPerformed(java.awt.event.ActionEvent evt) {  
    // TODO add your handling code here:  
}
```

```
private void jTable1MouseClicked(java.awt.event.MouseEvent evt) {
```

```

int index= jTable1.getSelectedRow();

TableModel model = jTable1.getModel();

String name = model.getValueAt(index,2).toString();

String lname = model.getValueAt(index,3).toString();

String Entry_d=model.getValueAt(index,8).toString();

String Entry_t=model.getValueAt(index,9).toString();

String Exit_d=model.getValueAt(index,10).toString();

String Exit_t=model.getValueAt(index,11).toString();

//String value3 = model.getValueAt(index,2).toString();


//ring name= toString() ;

JOptionPane.showMessageDialog(null, "Visitor Name =" +name+"\t " +lname+"\n"
    + "Entry =" +Entry_d+" " +Entry_t+"\n"
    + "Exit =" +Exit_d+" " +Exit_t);

}

public static String Date() {
{
    DateTimeFormatter dtf = DateTimeFormatter.ofPattern("dd/MM/yyyy ");
    LocalDateTime now = LocalDateTime.now();
    return(dtf.format(now));
}
}

public static String Time() {
{
    DateTimeFormatter dtf = DateTimeFormatter.ofPattern(" hh:mm:ss");
    LocalDateTime now = LocalDateTime.now();

```

```
return(dtf.format(now));  
}  
}
```

```
public void showTableData()  
  
{  
    try{  
        con = DriverManager.getConnection("jdbc:mysql://localhost/society","root","root");  
        String sql="Select * from visitors";  
        PreparedStatement pst=con.prepareStatement(sql);  
        ResultSet rs=pst.executeQuery();  
        jTable1.setModel(DbUtils.resultSetToTableModel(rs));  
    }  
    catch (Exception ex){  
        out.println("errorshowtable");  
    }  
}  
  
/**  
 * @param args the command line arguments  
 */  
  
public static void main(String args[]) {  
    /* Set the Nimbus look and feel */  
  
    //<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">
```



```
    /* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and
    feel.
```

```
        * For details see
        http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
```

```
    */

    try {

        for (javax.swing.UIManager.LookAndFeelInfo info :
        javax.swing.UIManager.getInstalledLookAndFeels()) {

            if ("Nimbus".equals(info.getName())) {

                javax.swing.UIManager.setLookAndFeel(info.getClassName());

                break;

            }

        }

    } catch (ClassNotFoundException ex) {

        java.util.logging.Logger.getLogger(NewJFrame.class.getName()).log(java.util.logging.Level.
        SEVERE, null, ex);

    } catch (InstantiationException ex) {

        java.util.logging.Logger.getLogger(NewJFrame.class.getName()).log(java.util.logging.Level.
        SEVERE, null, ex);

    } catch (IllegalAccessException ex) {

        java.util.logging.Logger.getLogger(NewJFrame.class.getName()).log(java.util.logging.Level.
        SEVERE, null, ex);

    } catch (javax.swing.UnsupportedLookAndFeelException ex) {

        java.util.logging.Logger.getLogger(NewJFrame.class.getName()).log(java.util.logging.Level.
        SEVERE, null, ex);

    }

}
```

```
/* Create and display the form */

java.awt.EventQueue.invokeLater(new Runnable() {

    public void run() {

        new login().setVisible(true);

    }

});

}

// Variables declaration - do not modify

private javax.swing.JTextField Id;

private javax.swing.JTextField build;

private javax.swing.JTextField fname;

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.JLabel jLabel1;

private javax.swing.JLabel jLabel10;

private javax.swing.JLabel jLabel3;

private javax.swing.JLabel jLabel4;

private javax.swing.JLabel jLabel5;

private javax.swing.JLabel jLabel6;

private javax.swing.JLabel jLabel7;

private javax.swing.JLabel jLabel8;

private javax.swing.JLabel jLabel9;

private javax.swing.JPanel jPanel1;

private javax.swing.JScrollPane jScrollPane1;
```

```
private javax.swing.JSeparator jSeparator1;  
private javax.swing.JTable jTable1;  
private javax.swing.JTextField lname;  
private javax.swing.JTextField noofppl;  
private java.awt.Panel panel1;  
private javax.swing.JTextField phone;  
private javax.swing.JTextField room;  
// End of variables declaration  
}
```

## **2. Project.java**

```
package project;  
  
public class Project {  
    public static void main(String[] args) {  
        new login().setVisible(true);  
    }  
}
```

## **3. Registration\_form.java**

```
package project;  
  
import static java.lang.System.out;  
import java.sql.Connection;  
import java.sql.DriverManager;  
import java.sql.PreparedStatement;  
import java.sql.SQLException;  
import javax.swing.JOptionPane;
```

```

public class Registration_form extends javax.swing.JFrame {

    /**
     * Creates new form Registration_form
     */
    public Registration_form() {
        initComponents();

        public boolean validation()
        {
            String
            firstname_up,lastname_up,username_up,phone_up,wing_up,pass_up,passcnf_up;
            firstname_up=Fname.getText();
            lastname_up=Lname.getText();
            username_up=Uname.getText();
            phone_up=Pno.getText();
            wing_up=Wname.getText();
            pass_up=Pass.getText();
            passcnf_up=Passcnf.getText();

            if(firstname_up.equals("") && lastname_up.equals("") &&
            username_up.equals("") && phone_up.equals("") && wing_up.equals("") &&
            pass_up.equals("") && passcnf_up.equals("") )
            {
                JOptionPane.showMessageDialog(this,"Please Enter all the Details!");
                return false;
            }

            else if(firstname_up.equals(""))
            {
                JOptionPane.showMessageDialog(this,"Please Enter Firstname!");
                return false;
            }

            else if(lastname_up.equals(""))
            {
                JOptionPane.showMessageDialog(this,"Please Enter Lastname!");
                return false;
            }

```

```

else if(username_up.equals(""))
{
    JOptionPane.showMessageDialog(this,"Please Enter Username!");
    return false;
}

else if(phone_up.equals(""))
{
    JOptionPane.showMessageDialog(this,"Please Enter Phone number!");
    return false;
}

else if(wing_up.equals(""))
{
    JOptionPane.showMessageDialog(this,"Please Enter Wing!");
    return false;
}

else if(pass_up.equals(""))
{
    JOptionPane.showMessageDialog(this,"Please Enter Password!");
    return false;
}
else if(passcnf_up.equals(""))
{
    JOptionPane.showMessageDialog(this,"Please Enter Confirm Password!");
    return false;
}

if(!pass_up.equals(passcnf_up))
{
    JOptionPane.showMessageDialog(this,"Those Passwords Didn't Match! \n
Try Again... ");
}
else
{
    JOptionPane.showMessageDialog(this,"Registration Successfully ");
    dispose();
    new login().setVisible(true);
}

return true;

```

```
}
```

```
/**
```

```
 * This method is called from within the constructor to initialize the form.  
 * WARNING: Do NOT modify this code. The content of this method is always  
 * regenerated by the Form Editor.  
 */
```

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

```
// <editor-fold defaultstate="collapsed" desc="Generated Code">
```

```
private void initComponents() {
```

```
    jPanel2 = new javax.swing.JPanel();
```

```
    jPanel1 = new javax.swing.JPanel();
```

```
    jLabel5 = new javax.swing.JLabel();
```

```
    jLabel1 = new javax.swing.JLabel();
```

```
    jLabel2 = new javax.swing.JLabel();
```

```
    jLabel3 = new javax.swing.JLabel();
```

```
    jLabel4 = new javax.swing.JLabel();
```

```
    jLabel7 = new javax.swing.JLabel();
```

```
    FName = new javax.swing.JTextField();
```

```
    jLabel9 = new javax.swing.JLabel();
```

```
    jLabel10 = new javax.swing.JLabel();
```

```
    Uname = new javax.swing.JTextField();
```

```
    Wname = new javax.swing.JTextField();
```

```
    Lname = new javax.swing.JTextField();
```

```
    Pno = new javax.swing.JTextField();
```

```
    Passcnf = new javax.swing.JPasswordField();
```

```
    jPanel3 = new javax.swing.JPanel();
```

```
    jLabel6 = new javax.swing.JLabel();
```

```
    jPanel6 = new javax.swing.JPanel();
```

```
    jLabel8 = new javax.swing.JLabel();
```

```
    Pass = new javax.swing.JPasswordField();
```

```
    jLabel11 = new javax.swing.JLabel();
```

```
    setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
```

```
    setTitle("Registration");
```

```
    setUndecorated(true);
```

```
    getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());
```

```
    jPanel2.setBackground(new java.awt.Color(0, 0, 0));
```

```
    jPanel1.setBackground(new java.awt.Color(12, 12, 13));
```

```
jLabel5.setFont(new java.awt.Font("Segoe UI", 1, 16)); // NOI18N
jLabel5.setForeground(new java.awt.Color(102, 102, 102));
jLabel5.setText("Confirm ");
```

```
jLabel1.setBackground(new java.awt.Color(255, 255, 255));
jLabel1.setFont(new java.awt.Font("Segoe UI", 1, 20)); // NOI18N
jLabel1.setForeground(new java.awt.Color(204, 204, 204));
jLabel1.setText("Registration");
```

```
jLabel2.setFont(new java.awt.Font("Segoe UI", 1, 16)); // NOI18N
jLabel2.setForeground(new java.awt.Color(102, 102, 102));
jLabel2.setText("First Name");
```

```
jLabel3.setFont(new java.awt.Font("Segoe UI", 1, 16)); // NOI18N
jLabel3.setForeground(new java.awt.Color(102, 102, 102));
jLabel3.setText("Password");
```

```
jLabel4.setFont(new java.awt.Font("Segoe UI", 1, 16)); // NOI18N
jLabel4.setForeground(new java.awt.Color(102, 102, 102));
jLabel4.setText("Last Name");
```

```
jLabel7.setFont(new java.awt.Font("Segoe UI", 1, 16)); // NOI18N
jLabel7.setForeground(new java.awt.Color(102, 102, 102));
jLabel7.setText("Wing");
```

```
Fname.setBackground(new java.awt.Color(23, 23, 25));
Fname.setForeground(new java.awt.Color(102, 102, 102));
Fname.setBorder(null);
Fname.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        FnameActionPerformed(evt);
    }
});
```

```
jLabel9.setFont(new java.awt.Font("Segoe UI", 1, 16)); // NOI18N
jLabel9.setForeground(new java.awt.Color(102, 102, 102));
jLabel9.setText("Phone no");
```

```
jLabel10.setFont(new java.awt.Font("Segoe UI", 1, 16)); // NOI18N
jLabel10.setForeground(new java.awt.Color(102, 102, 102));
jLabel10.setText("Username");
```

```
Uname.setBackground(new java.awt.Color(23, 23, 25));
Uname.setForeground(new java.awt.Color(102, 102, 102));
```

```
Uname.setBorder(null);
Uname.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        UnameActionPerformed(evt);
    }
});
```

```
Wname.setBackground(new java.awt.Color(23, 23, 25));
Wname.setForeground(new java.awt.Color(102, 102, 102));
Wname.setBorder(null);
Wname.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        WnameActionPerformed(evt);
    }
});
```

```
Lname.setBackground(new java.awt.Color(23, 23, 25));
Lname.setForeground(new java.awt.Color(102, 102, 102));
Lname.setBorder(null);
Lname.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        LnameActionPerformed(evt);
    }
});
```

```
Pno.setBackground(new java.awt.Color(23, 23, 25));
Pno.setForeground(new java.awt.Color(102, 102, 102));
Pno.setBorder(null);
Pno.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        PnoActionPerformed(evt);
    }
});
```

```
Passcnf.setBackground(new java.awt.Color(23, 23, 25));
Passcnf.setForeground(new java.awt.Color(102, 102, 102));
Passcnf.setBorder(null);
Passcnf.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        PasscnfActionPerformed(evt);
    }
});
```

```
jPanel3.setBackground(new java.awt.Color(0, 153, 153));
```



```

jLabel6.setBackground(new java.awt.Color(0, 153, 153));
jLabel6.setFont(new java.awt.Font("Segoe UI", 1, 13)); // NOI18N
jLabel6.setText("    REGISTER");
jLabel6.addMouseListener(new java.awt.event.MouseAdapter() {
    public void mouseClicked(java.awt.event.MouseEvent evt) {
        jLabel6MouseClicked(evt);
    }
});

javax.swing.GroupLayout jPanel3Layout = new
javax.swing.GroupLayout(jPanel3);
jPanel3.setLayout(jPanel3Layout);
jPanel3Layout.setHorizontalGroup(

jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addComponent(jLabel6, javax.swing.GroupLayout.DEFAULT_SIZE, 100,
Short.MAX_VALUE)
);
jPanel3Layout.setVerticalGroup(

jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addComponent(jLabel6, javax.swing.GroupLayout.DEFAULT_SIZE, 41,
Short.MAX_VALUE)
);

jPanel6.setBackground(new java.awt.Color(0, 153, 153));
jPanel6.setForeground(new java.awt.Color(0, 0, 255));

jLabel8.setFont(new java.awt.Font("Segoe UI", 1, 13)); // NOI18N
jLabel8.setText("    BACK");
jLabel8.addMouseListener(new java.awt.event.MouseAdapter() {
    public void mouseClicked(java.awt.event.MouseEvent evt) {
        jLabel8MouseClicked(evt);
    }
});

javax.swing.GroupLayout jPanel6Layout = new
javax.swing.GroupLayout(jPanel6);
jPanel6.setLayout(jPanel6Layout);
jPanel6Layout.setHorizontalGroup(

jPanel6Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

```

```

        .addComponent(jLabel8, javax.swing.GroupLayout.DEFAULT_SIZE, 100,
Short.MAX_VALUE)
    );
    jPanel6Layout.setVerticalGroup(

jPanel6Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(jLabel8, javax.swing.GroupLayout.DEFAULT_SIZE, 41,
Short.MAX_VALUE)
    );

    Pass.setBackground(new java.awt.Color(23, 23, 25));
    Pass.setForeground(new java.awt.Color(102, 102, 102));
    Pass.setBorder(null);
    Pass.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            PassActionPerformed(evt);
        }
    });

    javax.swing.GroupLayout jPanel1Layout = new
javax.swing.GroupLayout(jPanel1);
    jPanel1.setLayout(jPanel1Layout);
    jPanel1Layout.setHorizontalGroup(

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel1Layout.createSequentialGroup()

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.
LEADING)
            .addGroup(jPanel1Layout.createSequentialGroup()
                .addGap(85, 85, 85)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.
LEADING)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.
TRAILING)
            .addComponent(jLabel2,
javax.swing.GroupLayout.PREFERRED_SIZE, 93,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(jLabel10,
javax.swing.GroupLayout.PREFERRED_SIZE, 93,
javax.swing.GroupLayout.PREFERRED_SIZE)

```

```

        .addComponent(jLabel9,
javax.swing.GroupLayout.PREFERRED_SIZE, 93,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(jLabel4,
javax.swing.GroupLayout.PREFERRED_SIZE, 93,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addComponent(jLabel7,
javax.swing.GroupLayout.PREFERRED_SIZE, 77,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(jLabel3,
javax.swing.GroupLayout.PREFERRED_SIZE, 93,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(jLabel5))
        .addGap(71, 71, 71)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.
LEADING, false)
        .addComponent(Wname,
javax.swing.GroupLayout.DEFAULT_SIZE, 204, Short.MAX_VALUE)
        .addComponent(Fname)
        .addComponent(Lname)
        .addComponent(Pno)
        .addComponent(Uname)
        .addComponent(Passcnf)
        .addComponent(Pass)))
        .addGroup(jPanel1Layout.createSequentialGroup()
        .addGap(211, 211, 211)
        .addComponent(jLabel1))
        .addGroup(jPanel1Layout.createSequentialGroup()
        .addGap(146, 146, 146)
        .addComponent(jPanel3,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(41, 41, 41)
        .addComponent(jPanel6,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)))
        .addContainerGap(89, Short.MAX_VALUE))
    );
    jPanel1Layout.setVerticalGroup(

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

```

```

        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup())
        .addContainerGap()

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.
LEADING)
        .addGroup(jPanel1Layout.createSequentialGroup())

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.
LEADING)
        .addGroup(jPanel1Layout.createSequentialGroup())

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.
LEADING)
        .addGroup(jPanel1Layout.createSequentialGroup())
        .addComponent(jLabel1,
javax.swing.GroupLayout.PREFERRED_SIZE, 41,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 15,
Short.MAX_VALUE)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.
LEADING)
        .addComponent(Fname,
javax.swing.GroupLayout.PREFERRED_SIZE, 35,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(jLabel2,
javax.swing.GroupLayout.PREFERRED_SIZE, 26,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(18, 18, 18)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.
LEADING)

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup())

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.
LEADING)

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup())

```

```

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.
BASELINE)
                                .addComponent(Lname,
javax.swing.GroupLayout.PREFERRED_SIZE, 35,
javax.swing.GroupLayout.PREFERRED_SIZE)
                                .addComponent(jLabel4,
javax.swing.GroupLayout.PREFERRED_SIZE, 35,
javax.swing.GroupLayout.PREFERRED_SIZE))
                                .addGap(18, 18, 18)
                                .addComponent(Uname,
javax.swing.GroupLayout.PREFERRED_SIZE, 35,
javax.swing.GroupLayout.PREFERRED_SIZE))
                                .addComponent(jLabel10,
javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE))
                                .addGap(18, 18, 18)
                                .addComponent(Pno,
javax.swing.GroupLayout.PREFERRED_SIZE, 35,
javax.swing.GroupLayout.PREFERRED_SIZE))
                                .addComponent(jLabel9,
javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE))
                                .addGap(18, 18, 18)
                                .addComponent(Wname,
javax.swing.GroupLayout.PREFERRED_SIZE, 35,
javax.swing.GroupLayout.PREFERRED_SIZE))
                                .addGroup(jPanel1Layout.createSequentialGroup())
                                .addGap(0, 0, Short.MAX_VALUE)
                                .addComponent(jLabel7,
javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE)))
                                .addGap(18, 18, 18)
                                .addComponent(Pass,
javax.swing.GroupLayout.PREFERRED_SIZE, 38,
javax.swing.GroupLayout.PREFERRED_SIZE))
                                .addGroup(jPanel1Layout.createSequentialGroup())
                                .addGap(0, 0, Short.MAX_VALUE)
                                .addComponent(jLabel3,
javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE)))
                                .addGap(18, 18, 18)

```

```

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.
BASELINE)
        .addComponent(jLabel5,
javax.swing.GroupLayout.PREFERRED_SIZE, 35,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(Passcnf,
javax.swing.GroupLayout.DEFAULT_SIZE, 36, Short.MAX_VALUE))
        .addGap(45, 45, 45)
        .addComponent(jPanel3,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGroup(jPanel1Layout.createSequentialGroup()
        .addGap(0, 0, Short.MAX_VALUE)
        .addComponent(jPanel6,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)))
        .addGap(80, 80, 80))
    );

    jLabel11.setBackground(new java.awt.Color(255, 255, 255));
    jLabel11.setFont(new java.awt.Font("SansSerif", 1, 25)); // NOI18N
    jLabel11.setForeground(new java.awt.Color(255, 255, 255));
    jLabel11.setText("X");
    jLabel11.addMouseListener(new java.awt.event.MouseAdapter() {
        public void mouseClicked(java.awt.event.MouseEvent evt) {
            jLabel11MouseClicked(evt);
        }
    });

    javax.swing.GroupLayout jPanel2Layout = new
javax.swing.GroupLayout(jPanel2);
    jPanel2.setLayout(jPanel2Layout);
    jPanel2Layout.setHorizontalGroup(

jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel2Layout.createSequentialGroup()
        .addContainerGap(110, Short.MAX_VALUE)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.
LEADING)

```

```

        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel2Layout.createSequentialGroup()
        .addComponent(jLabel11,
javax.swing.GroupLayout.PREFERRED_SIZE, 20,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addContainerGap())
        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel2Layout.createSequentialGroup()
        .addComponent(jPanel1,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(108, 108, 108))))
    );
jPanel2Layout.setVerticalGroup(

jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(jPanel2Layout.createSequentialGroup()
        .addContainerGap()
        .addComponent(jLabel11, javax.swing.GroupLayout.PREFERRED_SIZE,
30, javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(44, 44, 44)
        .addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addContainerGap(101, Short.MAX_VALUE))
    );

    getContentPane().add(jPanel2, new
org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, 760, 780));

    pack();
    setLocationRelativeTo(null);
} // </editor-fold>

private void LnameActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

private void WnameActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

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

```

```

        // TODO add your handling code here:
    }

    private void FnameActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
    }

    private void PnoActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
    }

    private void PasscnfActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
    }

    private void jLabel11MouseClicked(java.awt.event.MouseEvent evt) {
        // X EXIT
        System.exit(0);
    }

    private void jLabel8MouseClicked(java.awt.event.MouseEvent evt) {
        // BACK
        dispose();
        new login().setVisible(true);
    }

    private void jLabel6MouseClicked(java.awt.event.MouseEvent evt) {
        validation();
    }

    //register on click
    try {
        String sql = ("Insert into
watchman(Fname,Lname,Username,Phone,Wing,Pass,Pass_cnf)
values(?,?,?,?,?,?,?)");
        Connection con =
DriverManager.getConnection("jdbc:mysql://localhost/society","root","root");
        PreparedStatement pst = con.prepareStatement(sql);
        pst.setString(1,Fname.getText());
        pst.setString(2,Lname.getText());
        pst.setString(3,Uname.getText());
        pst.setString(4,Pno.getText());
        pst.setString(5,Wname.getText());
        pst.setString(6,Pass.getText());
    }

```



```

        pst.setString(7, Passcnf.getText());
        pst.executeUpdate();

    } catch (SQLException ex)
    {
        out.println("error insert");
    }
}

private void PassActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

/**
 * @param args the command line arguments
 */
public static void main(String args[]) {
    /* Set the Nimbus look and feel */
    //<editor-fold defaultstate="collapsed" desc=" Look and feel setting code
(optional) ">
    /* If Nimbus (introduced in Java SE 6) is not available, stay with the default look
and feel.
    * For details see
http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
    */
    try {
        for (javax.swing.UIManager.LookAndFeelInfo info :
javax.swing.UIManager.getInstalledLookAndFeels()) {
            if ("Nimbus".equals(info.getName())) {
                javax.swing.UIManager.setLookAndFeel(info.getClassName());
                break;
            }
        }
    } catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(Registration_form.class.getName()).log(java.util.l
ogging.Level.SEVERE, null, ex);
    } catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(Registration_form.class.getName()).log(java.util.l
ogging.Level.SEVERE, null, ex);
    } catch (IllegalAccessException ex) {

```

```
java.util.logging.Logger.getLogger(Registration_form.class.getName()).log(java.util.l  
ogging.Level.SEVERE, null, ex);  
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {
```

```
java.util.logging.Logger.getLogger(Registration_form.class.getName()).log(java.util.l  
ogging.Level.SEVERE, null, ex);  
    }  
    //</editor-fold>
```

```
    /* Create and display the form */  
    java.awt.EventQueue.invokeLater(() -> {  
        new Registration_form().setVisible(true);  
    });  
}
```

```
// Variables declaration - do not modify  
private javax.swing.JTextField Fname;  
private javax.swing.JTextField Lname;  
private javax.swing.JPasswordField Pass;  
private javax.swing.JPasswordField Passcnf;  
private javax.swing.JTextField Pno;  
private javax.swing.JTextField Uname;  
private javax.swing.JTextField Wname;  
private javax.swing.JLabel jLabel1;  
private javax.swing.JLabel jLabel10;  
private javax.swing.JLabel jLabel11;  
private javax.swing.JLabel jLabel2;  
private javax.swing.JLabel jLabel3;  
private javax.swing.JLabel jLabel4;  
private javax.swing.JLabel jLabel5;  
private javax.swing.JLabel jLabel6;  
private javax.swing.JLabel jLabel7;  
private javax.swing.JLabel jLabel8;  
private javax.swing.JLabel jLabel9;  
private javax.swing.JPanel jPanel1;  
private javax.swing.JPanel jPanel2;  
private javax.swing.JPanel jPanel3;  
private javax.swing.JPanel jPanel6;  
// End of variables declaration  
}
```

## 4. login.java

```
package project;

import static java.lang.System.out;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import javax.swing.JOptionPane;
import net.proteanit.sql.DbUtils;

public class login extends javax.swing.JFrame {

    public login() {
        initComponents();
    }

    public boolean validation()
    {
        String username,password;
        username=login_user.getText();
        password=login_pass.getText();

        if(username.equals("") && password.equals(""))
        {
            JOptionPane.showMessageDialog(this,"Please Enter all the Details!");
            return false;
        }

        else if(username.equals(""))
        {
            JOptionPane.showMessageDialog(this,"Please Enter Username!");
            return false;
        }

        else if(password.equals(""))
```

```

    {
        JOptionPane.showMessageDialog(this,"Please Enter Password!");
        return false;
    }
    return true;
}

/**
 * This method is called from within the constructor to initialize the form.
 * WARNING: Do NOT modify this code. The content of this method is always
 * regenerated by the Form Editor.
 */
@SuppressWarnings("unchecked")
// <editor-fold defaultstate="collapsed" desc="Generated Code">
private void initComponents() {

    jPanel1 = new javax.swing.JPanel();
    jPanel3 = new javax.swing.JPanel();
    jLabel1 = new javax.swing.JLabel();
    jLabel2 = new javax.swing.JLabel();
    jLabel3 = new javax.swing.JLabel();
    jLabel4 = new javax.swing.JLabel();
    jPanel2 = new javax.swing.JPanel();
    sign_up_login = new javax.swing.JLabel();
    jPanel4 = new javax.swing.JPanel();
    jLabel5 = new javax.swing.JLabel();
    login_user = new javax.swing.JTextField();
    login_pass = new javax.swing.JPasswordField();
    jLabel7 = new javax.swing.JLabel();
    jLabel8 = new javax.swing.JLabel();
    jSeparator1 = new javax.swing.JSeparator();
    jLabel9 = new javax.swing.JLabel();

    setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
    setTitle("Login");
    setUndecorated(true);
    getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

    jPanel1.setBackground(new java.awt.Color(0, 0, 0));
    jPanel1.setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

    jPanel3.setBackground(new java.awt.Color(12, 12, 13));
    jPanel3.setForeground(new java.awt.Color(102, 102, 102));

```

```

jPanel3.setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

jLabel1.setFont(new java.awt.Font("Segoe UI", 1, 16)); // NOI18N
jLabel1.setForeground(new java.awt.Color(204, 204, 204));
jLabel1.setText("Sign in");
jPanel3.add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(67, 60,
100, 40));

jLabel2.setFont(new java.awt.Font("Segoe UI", 1, 12)); // NOI18N
jLabel2.setForeground(new java.awt.Color(102, 102, 102));
jLabel2.setText("Connect to your Account");
jPanel3.add(jLabel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(64, 111,
198, 28));

jLabel3.setFont(new java.awt.Font("Segoe UI", 1, 12)); // NOI18N
jLabel3.setForeground(new java.awt.Color(102, 102, 102));
jLabel3.setText("Username");
jPanel3.add(jLabel3, new org.netbeans.lib.awtextra.AbsoluteConstraints(64, 158,
404, 25));

jLabel4.setFont(new java.awt.Font("Segoe UI", 1, 12)); // NOI18N
jLabel4.setForeground(new java.awt.Color(102, 102, 102));
jLabel4.setText("Password");
jPanel3.add(jLabel4, new org.netbeans.lib.awtextra.AbsoluteConstraints(64, 253,
-1, 25));

jPanel2.setBackground(new java.awt.Color(0, 153, 153));

sign_up_login.setBackground(new java.awt.Color(0, 0, 255));
sign_up_login.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N
sign_up_login.setText("SIGN UP");
sign_up_login.addMouseListener(new java.awt.event.MouseAdapter() {
    public void mouseClicked(java.awt.event.MouseEvent evt) {
        sign_up_loginMouseClicked(evt);
    }
});

javax.swing.GroupLayout jPanel2Layout = new
javax.swing.GroupLayout(jPanel2);
jPanel2.setLayout(jPanel2Layout);
jPanel2Layout.setHorizontalGroup(

jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

```

```

        .addComponent(sign_up_login,
javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.DEFAULT_SIZE, 100, Short.MAX_VALUE)
    );
    jPanel2Layout.setVerticalGroup(

jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addComponent(sign_up_login, javax.swing.GroupLayout.DEFAULT_SIZE,
40, Short.MAX_VALUE)
    );

    jPanel3.add(jPanel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(250,
360, 100, 40));

    jPanel4.setBackground(new java.awt.Color(0, 153, 153));
    jPanel4.setForeground(new java.awt.Color(0, 153, 153));

    jLabel5.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N
    jLabel5.setText("    SIGN IN");
    jLabel5.addMouseListener(new java.awt.event.MouseAdapter() {
        public void mouseClicked(java.awt.event.MouseEvent evt) {
            jLabel5MouseClicked(evt);
        }
    });

    javax.swing.GroupLayout jPanel4Layout = new
javax.swing.GroupLayout(jPanel4);
    jPanel4.setLayout(jPanel4Layout);
    jPanel4Layout.setHorizontalGroup(

jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addComponent(jLabel5, javax.swing.GroupLayout.DEFAULT_SIZE, 100,
Short.MAX_VALUE)
    );
    jPanel4Layout.setVerticalGroup(

jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addComponent(jLabel5, javax.swing.GroupLayout.DEFAULT_SIZE, 40,
Short.MAX_VALUE)
    );

    jPanel3.add(jPanel4, new org.netbeans.lib.awtextra.AbsoluteConstraints(90, 360,
100, 40));

```

```

login_user.setBackground(new java.awt.Color(23, 23, 25));
login_user.setForeground(new java.awt.Color(153, 153, 153));
login_user.setBorder(null);
login_user.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        login_userActionPerformed(evt);
    }
});
jPanel3.add(login_user, new org.netbeans.lib.awtextra.AbsoluteConstraints(60,
190, 300, 40));

login_pass.setBackground(new java.awt.Color(23, 23, 25));
login_pass.setForeground(new java.awt.Color(153, 153, 153));
login_pass.setBorder(null);
jPanel3.add(login_pass, new org.netbeans.lib.awtextra.AbsoluteConstraints(60,
290, 300, 40));

jPanel1.add(jPanel3, new org.netbeans.lib.awtextra.AbsoluteConstraints(140,
250, 440, 530));

jLabel7.setForeground(new java.awt.Color(0, 153, 153));
jLabel7.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/project/logo_bld.png"))); // NOI18N
jPanel1.add(jLabel7, new org.netbeans.lib.awtextra.AbsoluteConstraints(170,
130, 110, 140));

jLabel8.setFont(new java.awt.Font("Segoe UI", 1, 30)); // NOI18N
jLabel8.setForeground(new java.awt.Color(0, 153, 153));
jLabel8.setText(" JAVA HOUSING");
jPanel1.add(jLabel8, new org.netbeans.lib.awtextra.AbsoluteConstraints(300,
190, 260, 50));

jSeparator1.setBackground(new java.awt.Color(0, 153, 153));
jSeparator1.setForeground(new java.awt.Color(0, 153, 153));
jPanel1.add(jSeparator1, new
org.netbeans.lib.awtextra.AbsoluteConstraints(310, 240, 230, 20));

jLabel9.setBackground(new java.awt.Color(255, 255, 255));
jLabel9.setFont(new java.awt.Font("SansSerif", 1, 25)); // NOI18N
jLabel9.setForeground(new java.awt.Color(255, 255, 255));
jLabel9.setText("X");
jLabel9.addMouseListener(new java.awt.event.MouseAdapter() {
    public void mouseClicked(java.awt.event.MouseEvent evt) {
        jLabel9MouseClicked(evt);
    }
});

```

```

    }
    });
    jPanel1.add(jLabel9, new org.netbeans.lib.awtextra.AbsoluteConstraints(720, 40,
20, 30));

```

```

    getContentPane().add(jPanel1, new
org.netbeans.lib.awtextra.AbsoluteConstraints(0, -30, 750, 840));

```

```

    pack();
    setLocationRelativeTo(null);
} // </editor-fold>

```

```

private void jLabel9MouseClicked(java.awt.event.MouseEvent evt) {
    // X EXIT
    System.exit(0);
}

```

```

private void sign_up_loginMouseClicked(java.awt.event.MouseEvent evt) {
    // MOVE TO REGISTER
    dispose();
    new Registration_form().setVisible(true);
}

```

```

private void login_userActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

```

```

private void jLabel5MouseClicked(java.awt.event.MouseEvent evt) {
    // VALIDATION

```

```

        validation();
        {
            try{
                Connection con =
DriverManager.getConnection("jdbc:mysql://localhost/society","root","root");
                String sql="Select * from watchman where Username=? and Pass=?";
                String sql1="Select * from watchman where Username=?";
                PreparedStatement pst1 = con.prepareStatement(sql1);
                pst1.setString(1, login_user.getText());

```

```

                PreparedStatement pst=con.prepareStatement(sql);
                pst.setString(1,login_user.getText());
                pst.setString(2,login_pass.getText());

```



```

ResultSet rs=pst.executeQuery();
ResultSet rs1=pst1.executeQuery();

if (rs1.next())
{
    if (rs.next())
    {
        String uname= login_user.getText();
        new JFrame(uname).setVisible(true);
        dispose();
    }
    else{
        JOptionPane.showMessageDialog(this,"Invalid credential");

    }
}
else
{
    JOptionPane.showMessageDialog(this,"User does not exist");
    if (JOptionPane.showConfirmDialog(this,"Do You Want To Create a new
account?")==JOptionPane.YES_OPTION)
    {
        new Registration_form().setVisible(true);
        dispose();

    }
}

catch (Exception ex){
    out.println("errorshowtable");
}

}

}

/**
 * @param args the command line arguments
 */
public static void main(String args[]) {
    /* Set the Nimbus look and feel */
    //<editor-fold defaultstate="collapsed" desc=" Look and feel setting code
(optional) ">

```

```
    /* If Nimbus (introduced in Java SE 6) is not available, stay with the default look
and feel.
```

```
    * For details see
```

```
    http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
```

```
    */
```

```
    try {
        for (javax.swing.UIManager.LookAndFeelInfo info :
javax.swing.UIManager.getInstalledLookAndFeels()) {
            if ("Nimbus".equals(info.getName())) {
                javax.swing.UIManager.setLookAndFeel(info.getClassName());
                break;
            }
        }
    } catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(NewJFrame.class.getName()).log(java.util.loggin
g.Level.SEVERE, null, ex);
    } catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(NewJFrame.class.getName()).log(java.util.loggin
g.Level.SEVERE, null, ex);
    } catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(NewJFrame.class.getName()).log(java.util.loggin
g.Level.SEVERE, null, ex);
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(NewJFrame.class.getName()).log(java.util.loggin
g.Level.SEVERE, null, ex);
    }
}
//</editor-fold>
```

```
    /* Create and display the form */
```

```
    java.awt.EventQueue.invokeLater(() -> {
        new login().setVisible(true);
    });
}
```

```
// Variables declaration - do not modify
```

```
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel3;
private javax.swing.JLabel jLabel4;
private javax.swing.JLabel jLabel5;
```

```

private javax.swing.JLabel jLabel7;
private javax.swing.JLabel jLabel8;
private javax.swing.JLabel jLabel9;
private javax.swing.JPanel jPanel1;
private javax.swing.JPanel jPanel2;
private javax.swing.JPanel jPanel3;
private javax.swing.JPanel jPanel4;
private javax.swing.JSeparator jSeparator1;
private javax.swing.JPasswordField login_pass;
private javax.swing.JTextField login_user;
private javax.swing.JLabel sign_up_login;
// End of variables declaration

}

```

#### **4.Record.java**

```

/*
 * To change this license header, choose License Headers in Project Properties.
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */
package project;

import static java.lang.System.out;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import javax.swing.JOptionPane;
import javax.swing.table.TableModel;
import net.proteanit.sql.DbUtils;

/**
 *
 * @author Shreyas
 */
public class records extends javax.swing.JFrame {
    Connection con = null;
    PreparedStatement pst = null;
    ResultSet rs = null;
    String uname1 = null;

```

[illegible]

```
{null, null, null, null, null, null, null, null, null, null, null},
{null, null, null, null, null, null, null, null, null, null, null},
{null, null, null, null, null, null, null, null, null, null, null},
{null, null, null, null, null, null, null, null, null, null, null},
{null, null, null, null, null, null, null, null, null, null, null},
{null, null, null, null, null, null, null, null, null, null, null},
{null, null, null, null, null, null, null, null, null, null, null},
{null, null, null, null, null, null, null, null, null, null, null},
{null, null, null, null, null, null, null, null, null, null, null},
{null, null, null, null, null, null, null, null, null, null, null},
{null, null, null, null, null, null, null, null, null, null, null},
{null, null, null, null, null, null, null, null, null, null, null},
{null, null, null, null, null, null, null, null, null, null, null},
{null, null, null, null, null, null, null, null, null, null, null},
{null, null, null, null, null, null, null, null, null, null, null},
{null, null, null, null, null, null, null, null, null, null, null},
{null, null, null, null, null, null, null, null, null, null, null},
{null, null, null, null, null, null, null, null, null, null, null},
{null, null, null, null, null, null, null, null, null, null, null},
{null, null, null, null, null, null, null, null, null, null, null},
{null, null, null, null, null, null, null, null, null, null, null}
},
new String [] {
    "Watchman ID:", "Visitor ID:", "First Name:", "Last Name:", "Phone:",
"No. of people:", "Building:", "Room No:", "Entry Date:", "Entry Time:", "Exit
Date:", "Exit Time:"
}
));
jTable1.setRowHeight(30);
jTable1.addMouseListener(new java.awt.event.MouseAdapter() {
    public void mouseClicked(java.awt.event.MouseEvent evt) {
        jTable1MouseClicked(evt);
    }
});
jScrollPane1.setViewportView(jTable1);

jPanel1.add(jScrollPane1, new
org.netbeans.lib.awtextra.AbsoluteConstraints(210, 200, 1250, 443));

jButton1.setBackground(new java.awt.Color(0, 153, 153));
jButton1.setFont(new java.awt.Font("Segoe UI", 0, 24)); // NOI18N
jButton1.setForeground(new java.awt.Color(255, 255, 255));
jButton1.setText("Back");
jButton1.setBorder(new javax.swing.border.MatteBorder(null));
jButton1.addActionListener(new java.awt.event.ActionListener() {
```

```

        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jButton1ActionPerformed(evt);
        }
    });
    jPanel1.add(jButton1, new org.netbeans.lib.awtextra.AbsoluteConstraints(730,
700, 107, 56));

    jLabel1.setFont(new java.awt.Font("Segoe UI", 1, 48)); // NOI18N
    jLabel1.setForeground(new java.awt.Color(0, 153, 153));
    jLabel1.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
    jLabel1.setText("RECORDS ");
    jPanel1.add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(650, 70,
260, 60));
    jPanel1.add(jSeparator1, new
org.netbeans.lib.awtextra.AbsoluteConstraints(670, 140, 210, -1));

    javax.swing.GroupLayout layout = new
javax.swing.GroupLayout(getContentPane());
    getContentPane().setLayout(layout);
    layout.setHorizontalGroup(
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(layout.createSequentialGroup()
                .addGap(10, 10, 10)
                .addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED_SIZE,
1606, javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGap(10, 10, 10)
            )
    );
    layout.setVerticalGroup(
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(layout.createSequentialGroup()
                .addGap(10, 10, 10)
                .addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED_SIZE,
891, javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGap(10, 10, 10)
            )
    );

    pack();
} // </editor-fold>

private void jTable1MouseClicked(java.awt.event.MouseEvent evt) {
    try{
        int index= jTable1.getSelectedRow();
    }
}

```

```

TableModel model = jTable1.getModel();
String name = model.getValueAt(index,2).toString();
String lname = model.getValueAt(index,3).toString();
String Entry_d=model.getValueAt(index,8).toString();
String Entry_t=model.getValueAt(index,9).toString();
String Exit_d=model.getValueAt(index,10).toString();
String Exit_t=model.getValueAt(index,11).toString();
//String value3 = model.getValueAt(index,2).toString();
//ring name= toString() ;
JOptionPane.showMessageDialog(null, "Visitor Name =" +name+"\t"
"+lname+"\n"
+ "Entry =" +Entry_d+" " +Entry_t+"\n"
+ "Exit =" +Exit_d+" " +Exit_t);
}
catch(Exception ex){
int index= jTable1.getSelectedRow();
TableModel model = jTable1.getModel();
String name = model.getValueAt(index,2).toString();
String lname = model.getValueAt(index,3).toString();
String Entry_d=model.getValueAt(index,8).toString();
String Entry_t=model.getValueAt(index,9).toString();
JOptionPane.showMessageDialog(null, "Visitor Name =" +name+"\t"
"+lname+"\n"
+ "Entry =" +Entry_d+" " +Entry_t+"\n"
+ "Exit ="+" " ");
}
}

```

```

int a =0;
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {

dispose();
new NewJFrame(uname1,a).setVisible(true);
System.out.println(uname1);
}
public void showTableData()

{
try{
con =
DriverManager.getConnection("jdbc:mysql://localhost/society","root","root");
String sql="Select * from record";
PreparedStatement pst=con.prepareStatement(sql);

```

```

        ResultSet rs=pst.executeQuery();
        jTable1.setModel(DbUtils.resultSetToTableModel(rs));
    }
    catch (Exception ex){
        out.println("errorshowtable");
    }
}
/**
 * @param args the command line arguments
 */
public static void main(String args[]) {
    /* Set the Nimbus look and feel */
    //<editor-fold defaultstate="collapsed" desc=" Look and feel setting code
(optional) ">
    /* If Nimbus (introduced in Java SE 6) is not available, stay with the default look
and feel.
    * For details see
http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
    */
    try {
        for (javax.swing.UIManager.LookAndFeelInfo info :
javax.swing.UIManager.getInstalledLookAndFeels()) {
            if ("Nimbus".equals(info.getName())) {
                javax.swing.UIManager.setLookAndFeel(info.getClassName());
                break;
            }
        }
    } catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(records.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(records.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(records.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(records.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    }
}

```



```
//</editor-fold>
```

```
/* Create and display the form */
```

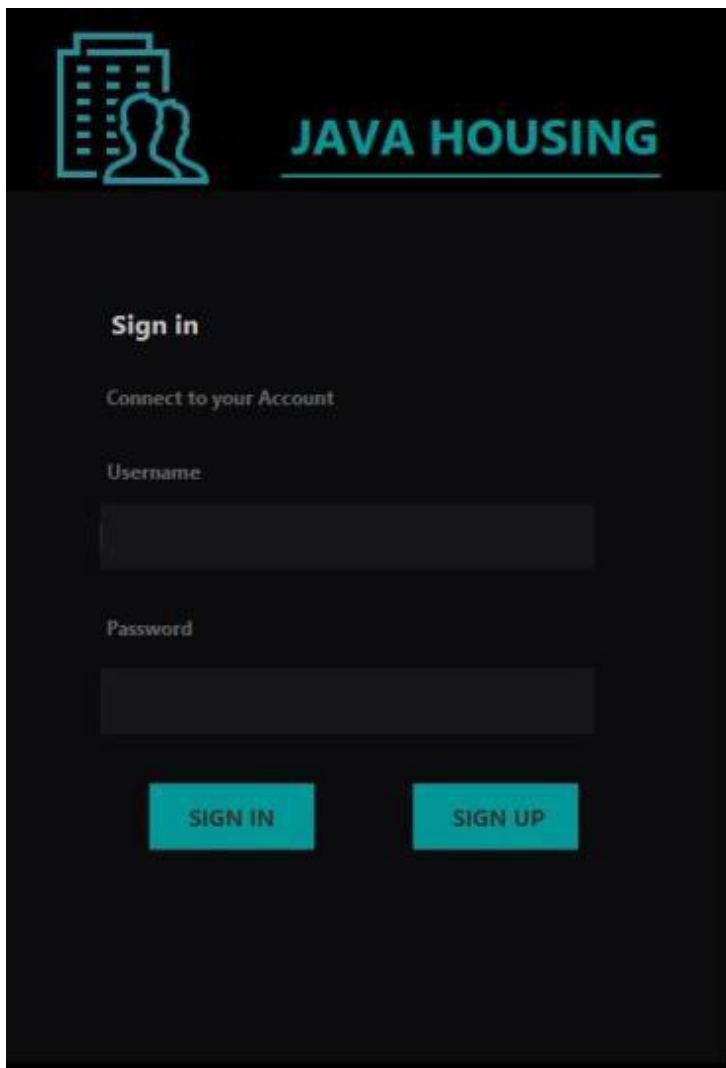
```
java.awt.EventQueue.invokeLater(new Runnable() {  
    public void run() {  
        new records("").setVisible(true);  
    }  
});  
}
```

```
// Variables declaration - do not modify
```

```
private javax.swing.JButton jButton1;  
private javax.swing.JLabel jLabel1;  
private javax.swing.JPanel jPanel1;  
private javax.swing.JScrollPane jScrollPane1;  
private javax.swing.JSeparator jSeparator1;  
private javax.swing.JTable jTable1;  
// End of variables declaration  
}
```

## Output:

### 1.Signin Page



The image shows a web page for "JAVA HOUSING" with a dark blue background. At the top left is a logo consisting of a white building icon and a white silhouette of two people. To the right of the logo, the text "JAVA HOUSING" is written in white, with "JAVA" in a larger font and "HOUSING" in a smaller font, both in all caps. Below the logo and text, there is a white "Sign in" heading. Underneath the heading is the text "Connect to your Account" in a smaller font. Below that are two input fields: "Username" and "Password", both with white text labels and white input boxes. At the bottom of the form are two white buttons: "SIGN IN" and "SIGN UP", both in all caps.

**Sign in**

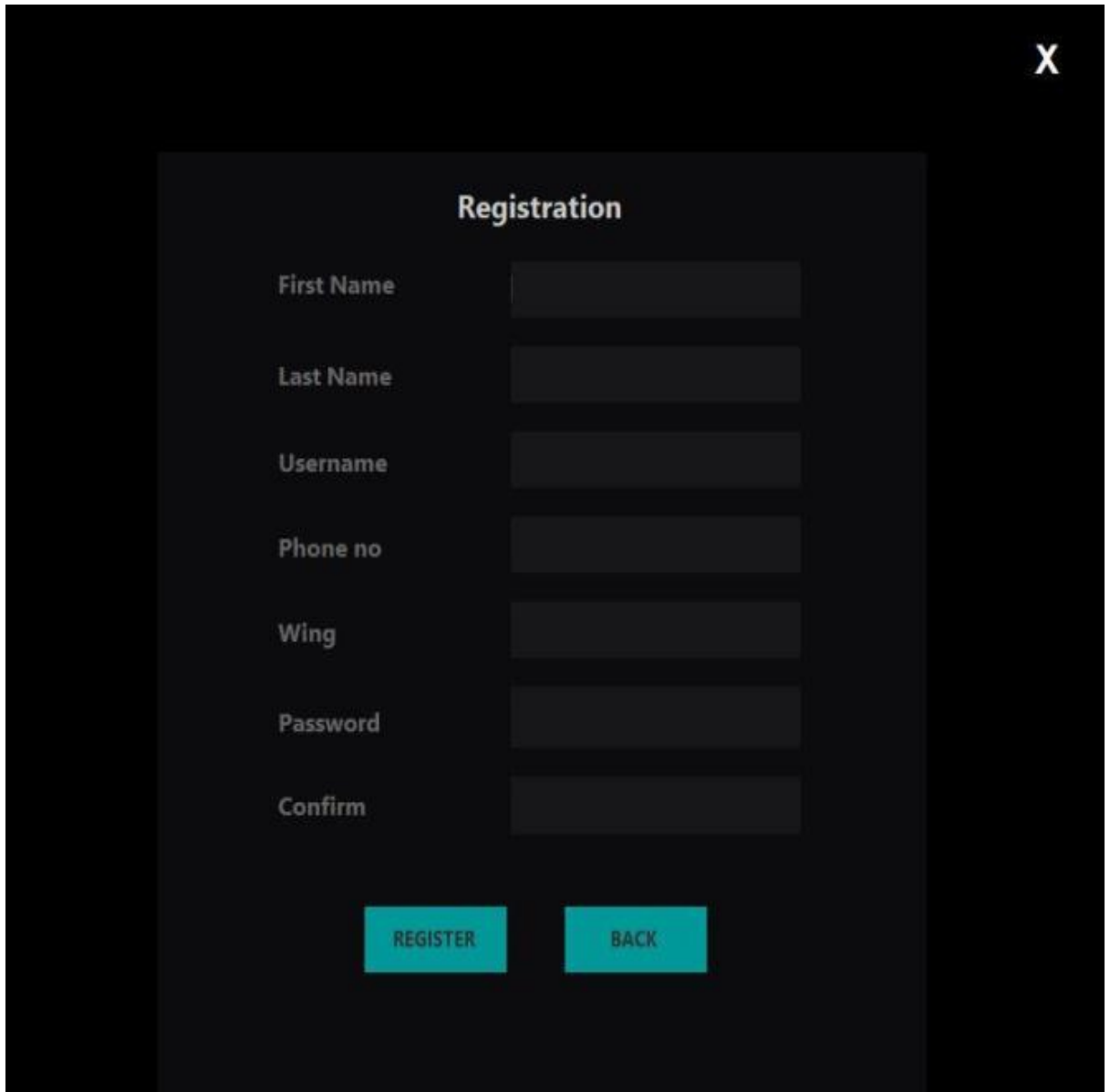
Connect to your Account

Username

Password

**SIGN IN** **SIGN UP**

## 2.Registration page



The image shows a registration form overlay on a dark background. The form is titled "Registration" and contains several input fields for user information. At the bottom of the form are two buttons: "REGISTER" and "BACK". A close button, represented by a white "X" icon, is located in the top right corner of the overlay.

Registration	
First Name	<input type="text"/>
Last Name	<input type="text"/>
Username	<input type="text"/>
Phone no	<input type="text"/>
Wing	<input type="text"/>
Password	<input type="password"/>
Confirm	<input type="password"/>
<div><input type="button" value="REGISTER"/> <input type="button" value="BACK"/></div>	

### 3.Watchman's Register

#### VISITOR'S DETAILS

Visitor Id:

First name:

Last name:

Phone no:

No. of people:

Building:

Room No:

Entry

Exit

Refresh

Reset Time

Record

#### VISITOR INFORMATION

Visitor_ID	Watchman_ID	Fname	Lname	Phone	No_of_people	Building	Room_no	Entry_date	Entry_Time	Exit_date	Exit_time

Sign Out

### 4.Records

#### RECORDS

Visitor_ID	Watchman_ID	Fname	Lname	Phone	No_of_people	Building	Room_no	Entry_date	Entry_Time	Exit_date	Exit_time
1	bol	S	S	SS	S	S	S	22/11/2020	01:05:57	23/11/2020	11:48:52
2	Nidhi	Shreyas	Shivkar	989596997	2	E	9	23/11/2020	11:44:11	23/11/2020	11:48:54
3	Nidhi	Nimith	Shetty	989596997	1	B	9	23/11/2020	11:44:48	23/11/2020	11:48:56
4	Nidhi	Shawrya	Shetty	989596997	1	V	9	23/11/2020	11:45:08	23/11/2020	11:48:58
5	bol	Hilik	Bisht	84234212	3	F	2	23/11/2020	11:46:57	23/11/2020	11:49:00
6	bol	Ruchita	Yapuram	84234212	3	F	2	23/11/2020	11:48:28	23/11/2020	11:49:02
7	bol	Alex	Francis	84234212	1	F	2	23/11/2020	11:48:45	23/11/2020	11:49:05
8	ss	Pratik	Raut	4206969	2	F	69	23/11/2020	11:50:50	23/11/2020	11:51:19
9	ss	Gaurav	Spiderman	4206969	2	F	69	23/11/2020	11:51:15	23/11/2020	11:51:25

Back

### DATABASE OUTPUT:

## 1. Watchamn Registration

```
mysql> select * from watchman;
```

Watchman_ID	Fname	Lname	Username	Phone	Wing	Pass	Pass_cnf
1	s	s	s	s	s	s	s
2	Nidhi	Gatti	Nidhi	2132	A	nidhi	nidhi
3	Shreyas	shivkar	ss	12312	A	dd	dd
4	Shreyas	Shivkar	boi	921199213	A	SS	SS

```
4 rows in set (0.00 sec)
```

## 2. Visitor's Details

```
mysql> select * from record;
```

Visitor_ID	Watchman_ID	Fname	Lname	Phone	No_of_people	Building	Room_no	Entry_date	Entry_Time	Exit_date	Exit_time
1	boi	S	S	SS	5	S	S	22/11/2020	01:05:57	23/11/2020	11:48:52
2	Nidhi	Shreyas	Shivkar	989596997	2	E	9	23/11/2020	11:44:11	23/11/2020	11:48:54
3	Nidhi	Nimith	Shetty	989596997	1	B	9	23/11/2020	11:44:46	23/11/2020	11:48:56
4	Nidhi	Shawnya	Shetty	989596997	1	V	9	23/11/2020	11:45:08	23/11/2020	11:48:58
5	boi	Hritik	Bisht	84234212	3	F	2	23/11/2020	11:46:57	23/11/2020	11:49:00
6	boi	Ruchita	Yapunam	84234212	3	F	2	23/11/2020	11:48:28	23/11/2020	11:49:02
7	boi	Alex	Francis	84234212	1	F	2	23/11/2020	11:48:45	23/11/2020	11:49:05
8	ss	Pratik	Raut	4206969	2	F	69	23/11/2020	11:50:50	23/11/2020	11:51:10
9	ss	Gaurav	Spiderman	4206969	2	F	69	23/11/2020	11:51:15	23/11/2020	11:51:25

```
9 rows in set (0.00 sec)
```