



Lovely Professional University

DEPARTMENT OF COMPUTER APPLICATIONS

PG AVAILABILITY CHECKER

A Synopsis Submitted by

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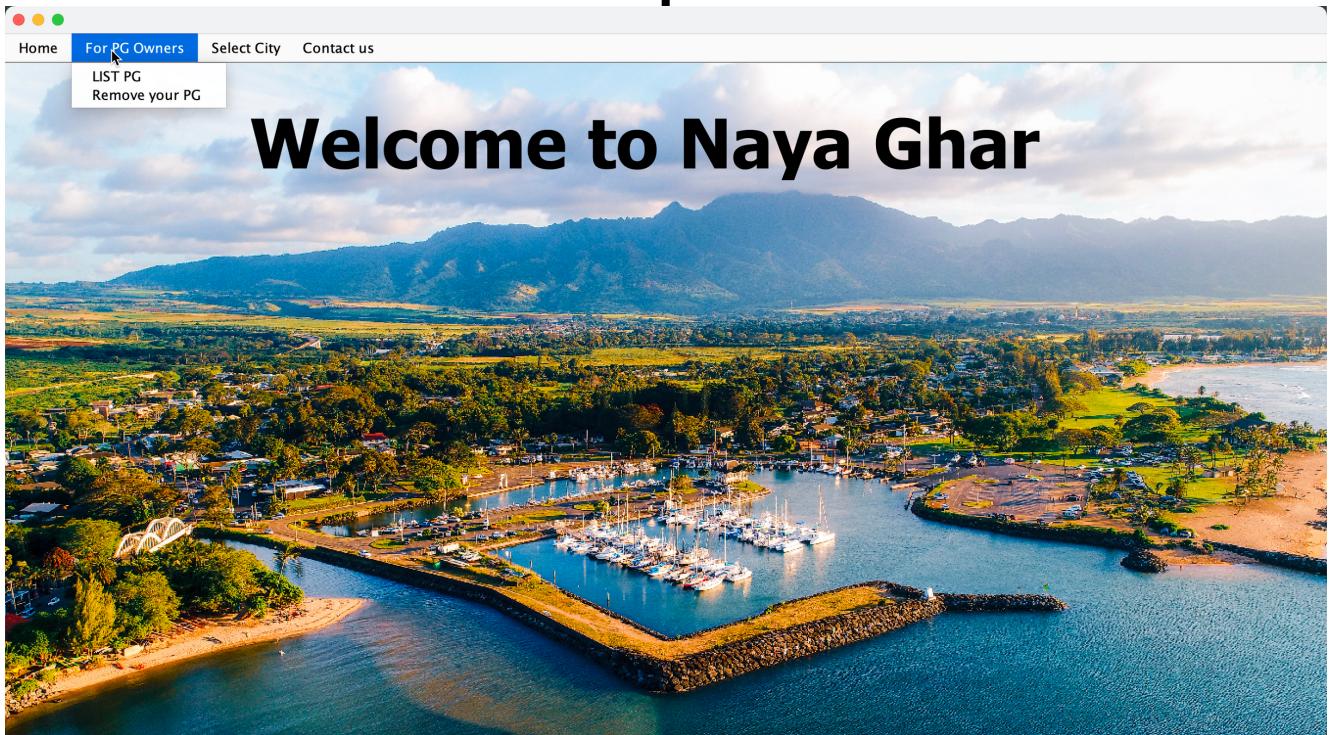
MODULES USED

1. adminDashboard
2. Conn
3. contactForm
4. contactUs
5. Dashboard
6. Delhi
7. Hyderabad
8. Kolkata
9. listPg
10. Login
11. Mumbai
12. PgFinder
13. Register
14. removepg

MODULES USED

ADMIN DASHBOARD

This is a Java window for an **admin panel** interface created using Swing, a Java GUI widget toolkit. The interface has four buttons representing different cities in India - Mumbai, Kolkata, Hyderabad, and Delhi. The buttons are styled with a black background, white text, and a Tahoma font. The adminDashboard class extends the JFrame class and sets the layout to null, which means that components can be placed anywhere on the panel. The constructor method sets the size and position of the panel and adds the four buttons to it. The main method creates an instance of the adminDashboard class and makes it visible. This is a simple example of creating a graphical user interface in Java using Swing.



ADMIN DASHBOARD

```
package pg.pgfinder;

import javax.swing.*;
import java.awt.*;

public class adminDashboard extends JFrame {

    adminDashboard() {
        setLayout(null);
        setBounds(350, 200, 800, 570);
        getContentPane().setBackground(Color.WHITE);

        JButton mumbai = new JButton("Mumbai");
        mumbai.setBounds(20, 50, 120, 30);
        mumbai.setBackground(Color.black);
        mumbai.setForeground(Color.white);
        mumbai.setFont(new Font("tahoma",Font.PLAIN, 12));
        add(mumbai);

        JButton kolkata = new JButton("kolkata");
        kolkata.setBounds(20, 100, 120, 30);
        kolkata.setBackground(Color.black);
        kolkata.setForeground(Color.white);
        kolkata.setFont(new Font("tahoma",Font.PLAIN, 12));
        add(kolkata);

        JButton hyderabad = new JButton("Hyderabad");
        hyderabad.setBounds(20, 150, 120, 30);
        hyderabad.setBackground(Color.black);
        hyderabad.setForeground(Color.white);
        hyderabad.setFont(new Font("tahoma",Font.PLAIN, 12));
        add(hyderabad);

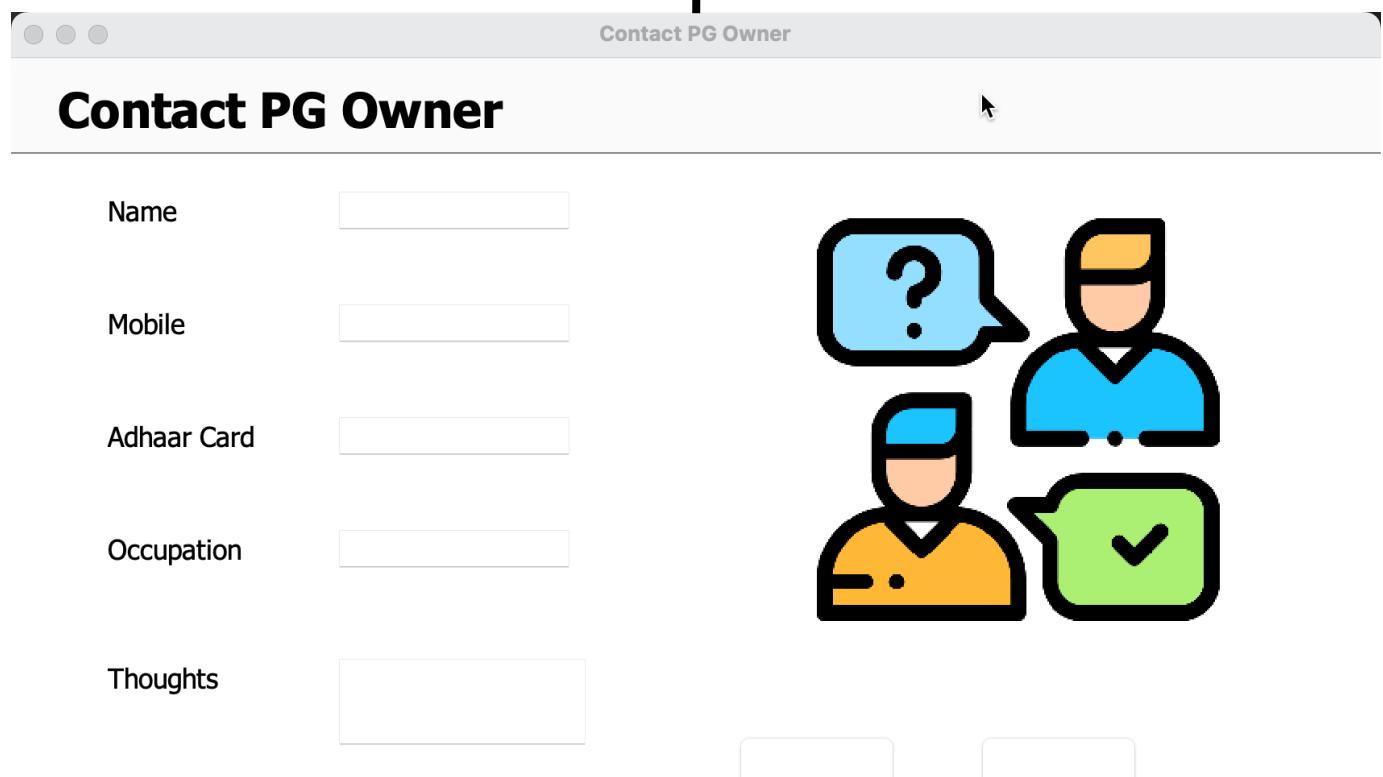
        JButton delhi= new JButton("Hyderabad");
        delhi.setBounds(20, 200, 120, 30);
        delhi.setBackground(Color.black);
        delhi.setForeground(Color.white);
        delhi.setFont(new Font("tahoma",Font.PLAIN, 12));
        add(delhi);

        setVisible(true);
    }

    public static void main(String[] args) {
        new adminDashboard();
    }
}
```

CONTACT FORM

The **contactForm** class is a Java JFrame that allows users to contact the owner of a PG accommodation by filling out a form. The form includes text fields for the user's name, mobile number, Aadhaar card number, occupation, and thoughts, as well as buttons for submitting the form and going back. The JFrame also includes a JMenuBar with a JMenu, JLabels, JTextFields, an ImageIcon, and two JButton. The actionPerformed method handles events when the buttons are clicked. When the "Contact" button is clicked, the values from the text fields are inserted into a database using a Conn object, and a message dialog is displayed. When the "back" button is clicked, the JFrame is made invisible. The main method creates an instance of contactForm to display the JFrame.



CONTACT FORM

```
package pg.pgfinder;

import javax.swing.*;
import javax.swing.border.EmptyBorder;
import java.awt.*;
import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;
import java.sql.SQLException;

public class contactForm extends JFrame implements ActionListener {

    JTextField tfname, tfmobile, tfadhaar, tfthoughts, tfoccupation ;
    JButton call, back;

    contactForm() {
        setLayout(null);
        getContentPane().setBackground(Color.white);
        setTitle("Contact PG Owner");

        JMenuBar ab = new JMenuBar();
        ab.setBounds(0, 0, 1550, 60);
        ab.setBackground(Color.darkGray);
        add(ab);

        JMenu mum = new JMenu("Contact PG Owner");
        mum.setForeground(Color.white);
        mum.setBorder(new EmptyBorder(5, 25, 0, 20));
        mum.setFont(new Font("tahoma", Font.BOLD, 30));
        ab.add(mum);

        JLabel lblname = new JLabel("Name");
        lblname.setBounds(60, 80, 120, 30);
        add(lblname);
        lblname.setFont(new Font("tahoma", Font.PLAIN, 17));
        add(lblname);

        tfname = new JTextField();
        tfname.setBounds(200, 80, 150, 30);
        add(tfname);

        JLabel lblcon = new JLabel("Mobile");
        lblcon.setBounds(60, 150, 120, 30);
        add(lblcon);
        lblcon.setFont(new Font("tahoma", Font.PLAIN, 17));
        add(lblcon);

        tfmobile = new JTextField();
        tfmobile.setBounds(200, 150, 150, 30);
        add(tfmobile);
    }

    public void actionPerformed(ActionEvent e) {
        if (e.getSource() == call) {
            // Call logic here
        } else if (e.getSource() == back) {
            // Back logic here
        }
    }
}
```

```
JLabel lbladhaar = new JLabel("Adhaar Card");
lbladhaar.setBounds(60, 220, 120, 30);
add(lbladhaar);
lbladhaar.setFont(new Font("tahoma", Font.PLAIN, 17));
add(lbladhaar);
```

```
tfadhaar = new JTextField();
tfadhaar.setBounds(200, 220, 150, 30);
add(tfadhaar);
```

```
JLabel lbloccupation = new JLabel("Occupation");
lbloccupation.setBounds(60, 290, 120, 30);
add(lbloccupation);
lbloccupation.setFont(new Font("tahoma", Font.PLAIN, 17));
add(lbloccupation);
```

```
tfoccupation = new JTextField();
tfoccupation.setBounds(200, 290, 150, 30);
add(tfoccupation);
```

```
JLabel lblthoughts = new JLabel("Thoughts");
lblthoughts.setBounds(60,370,120,30);
add(lblthoughts);
lblthoughts.setFont(new Font("tahoma", Font.PLAIN, 17));
add(lblthoughts);
```

```
tfthoughts = new JTextField();
tfthoughts.setBounds(200,370,160,60);
add(tfthoughts);
```

```
ImageIcon im = new
ImageIcon(ClassLoader.getSystemResource("proimg/conversation.png"));
Image img2 = im.getImage().getScaledInstance(250, 250, Image.SCALE_DEFAULT);
ImageIcon img3 = new ImageIcon(img2);
JLabel image = new JLabel(img3);

image.setBounds(500, 100, 250, 250);
add(image);
```

```
call = new JButton("Contact");
call.setBackground(Color.black);
call.setForeground(Color.white);
call.setBounds(450, 420, 100, 40);
call.setFont(new Font("serif",Font.PLAIN, 20));
call.addActionListener(this);
add(call);
```

```

back = new JButton("Back");
back.setBounds(600,420,100,40);
back.setBackground(Color.black);
back.setForeground(Color.white);
back.setFont(new Font("tahoma",Font.PLAIN, 18));
back.addActionListener(this);
add(back);

setBounds(350, 200, 850, 540);
setVisible(true);

}

@Override
public void actionPerformed(ActionEvent e) {

if (e.getSource() == back) {
setVisible(false);
} else {
String name = tfname.getText();
String mobile = tfmobile.getText();
String Adhaar_card = tfadhaar.getText();
String occupation = tfoccupation.getText();
String thoughts = tfthoughts.getText();
try {

Conn conn = new Conn();

String query = "insert into contact values('" + name + "','" + mobile + "','" + Adhaar_card + "','" + occupation + "','" + thoughts + "')";
conn.s.executeUpdate(query);

JOptionPane.showMessageDialog(null, "The PG Owner Will Call You Shortly");
setVisible(false);

} catch (Exception ae) {

ae.printStackTrace();
}
}
}

public static void main (String[] args){
new contactForm();
}
}

```

CONTACT US FORM

This is a Java program that creates a graphical user interface (GUI) using Swing components to display information about the contact details of a business. It displays information about the business's address, contact details, working hours, and a form for users to send a message.

The program creates a JFrame object and adds various components to it, including JLabels, JTextFields, JButtons, and ImageIcons. The setLayout(null) method is used to disable layout management for the JFrame, allowing components to be placed anywhere on the screen using absolute positioning.

The program also implements the ActionListener interface to handle button clicks. When the "Send Message" button is clicked, it sends an email message to the business using the information provided in the form.

Overall, the program creates a simple GUI that displays contact information and provides a way for users to send a message to the business.

The screenshot shows a Java Swing application window titled "Contact US". The window has a title bar with three icons (red, yellow, green) and the title "Contact US". Below the title bar is a toolbar with a magnifying glass icon and the text "IT'S EASY TO FIND US". To the right of the toolbar is a button labeled "Send Us a Message".

The main content area contains several sections:

- Contact Details:** Includes phone number (9897690786), fax number (079- 40056331), and email address (therockaman9897@gmail.com).
- Working Hours:** Mon - Fri : 6 a.m. to 8 p.m., Sat - Sun: 9 a.m. to 2 p.m.
- Address:** Thinkers & Shapers Online Solution LLP, Stayforyou.com, Office No.6, Second Floor, Oxford Tower (commercial),Opp. Shilp Complex, Gurukul Road, Ahmedabad, 380052 Gujarat, India
- Send Us a Message:** A form with fields for Name (*Name), Email (*email), and Message (*message). There are also two empty text input fields at the bottom.

CONTACT US FORM

```
package pg.pgfinder;

import javax.swing.*;
import javax.swing.border.EmptyBorder;
import java.awt.*;
import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;
import java.sql.SQLException;

public class contactForm extends JFrame implements ActionListener {

    JTextField tfname, tfmobile, tfadhaar, tfthoughts, tfoccupation ;
    JButton call, back;

    contactForm() {
        setLayout(null);
        getContentPane().setBackground(Color.white);
        setTitle("Contact PG Owner");

        JMenuBar ab = new JMenuBar();
        ab.setBounds(0, 0, 1550, 60);
        ab.setBackground(Color.darkGray);
        add(ab);

        JMenu mum = new JMenu("Contact PG Owner");
        mum.setForeground(Color.white);
        mum.setBorder(new EmptyBorder(5, 25, 0, 20));
        mum.setFont(new Font("tahoma", Font.BOLD, 30));
        ab.add(mum);

        JLabel lblname = new JLabel("Name");
        lblname.setBounds(60, 80, 120, 30);
        add(lblname);
        lblname.setFont(new Font("tahoma", Font.PLAIN, 17));
        add(lblname);

        tfname = new JTextField();
        tfname.setBounds(200, 80, 150, 30);
        add(tfname);

        JLabel lblcon = new JLabel("Mobile");
        lblcon.setBounds(60, 150, 120, 30);
        add(lblcon);
        lblcon.setFont(new Font("tahoma", Font.PLAIN, 17));
        add(lblcon);

        call = new JButton("Call");
        call.setBounds(100, 250, 100, 30);
        add(call);

        back = new JButton("Back");
        back.setBounds(250, 250, 100, 30);
        add(back);
    }

    public void actionPerformed(ActionEvent e) {
        if (e.getSource() == call) {
            // Call logic here
        } else if (e.getSource() == back) {
            // Back logic here
        }
    }
}
```

```
tfmobile = new JTextField();
tfmobile.setBounds(200, 150, 150, 30);
add(tfmobile);

JLabel lbladhaar = new JLabel("Adhaar Card");
lbladhaar.setBounds(60, 220, 120, 30);
add(lbladhaar);
lbladhaar.setFont(new Font("tahoma", Font.PLAIN, 17));
add(lbladhaar);

tfadhaar = new JTextField();
tfadhaar.setBounds(200, 220, 150, 30);
add(tfadhaar);

JLabel lbloccupation = new JLabel("Occupation");
lbloccupation.setBounds(60, 290, 120, 30);
add(lbloccupation);
lbloccupation.setFont(new Font("tahoma", Font.PLAIN, 17));
add(lbloccupation);

tfoccupation = new JTextField();
tfoccupation.setBounds(200, 290, 150, 30);
add(tfoccupation);

JLabel lblthoughts = new JLabel("Thoughts");
lblthoughts.setBounds(60,370,120,30);
add(lblthoughts);
lblthoughts.setFont(new Font("tahoma", Font.PLAIN, 17));
add(lblthoughts);

tfthoughts = new JTextField();
tfthoughts.setBounds(200,370,160,60);
add(tfthoughts);

ImageIcon im = new ImageIcon(ClassLoader.getSystemResource
("proimg/conversation.png"));
Image img2 = im.getImage().getScaledInstance(250, 250, Image.SCALE_DEFAULT);
ImageIcon img3 = new ImageIcon(img2);
JLabel image = new JLabel(img3);

image.setBounds(500, 100, 250, 250);
add(image);

call = new JButton("Contact");
call.setBackground(Color.black);
call.setForeground(Color.white);
call.setBounds(450, 420, 100, 40);
call.setFont(new Font("serif",Font.PLAIN, 20));
call.addActionListener(this);
add(call);
```

```

back = new JButton("Back");
back.setBounds(600,420,100,40);
back.setBackground(Color.black);
back.setForeground(Color.white);
back.setFont(new Font("tahoma",Font.PLAIN, 18));
back.addActionListener(this);
add(back);

setBounds(350, 200, 850, 540);
setVisible(true);

}

@Override
public void actionPerformed(ActionEvent e) {

if (e.getSource() == back) {
setVisible(false);
} else {
String name = tfname.getText();
String mobile = tfmobile.getText();
String Adhaar_card = tfadhaar.getText();
String occupation = tfoccupation.getText();
String thoughts = tfthoughts.getText();
try {

Conn conn = new Conn();

String query = "insert into contact values('' + name + '', '' + mobile +
'', '' + Adhaar_card + '', '' + occupation + '', '' + thoughts + '')";
conn.s.executeUpdate(query);

JOptionPane.showMessageDialog(null, "The PG Owner Will Call You Shortly");
setVisible(false);

} catch (Exception ae) {

ae.printStackTrace();
}
}
}

public static void main (String[] args){
new contactForm();
}

```

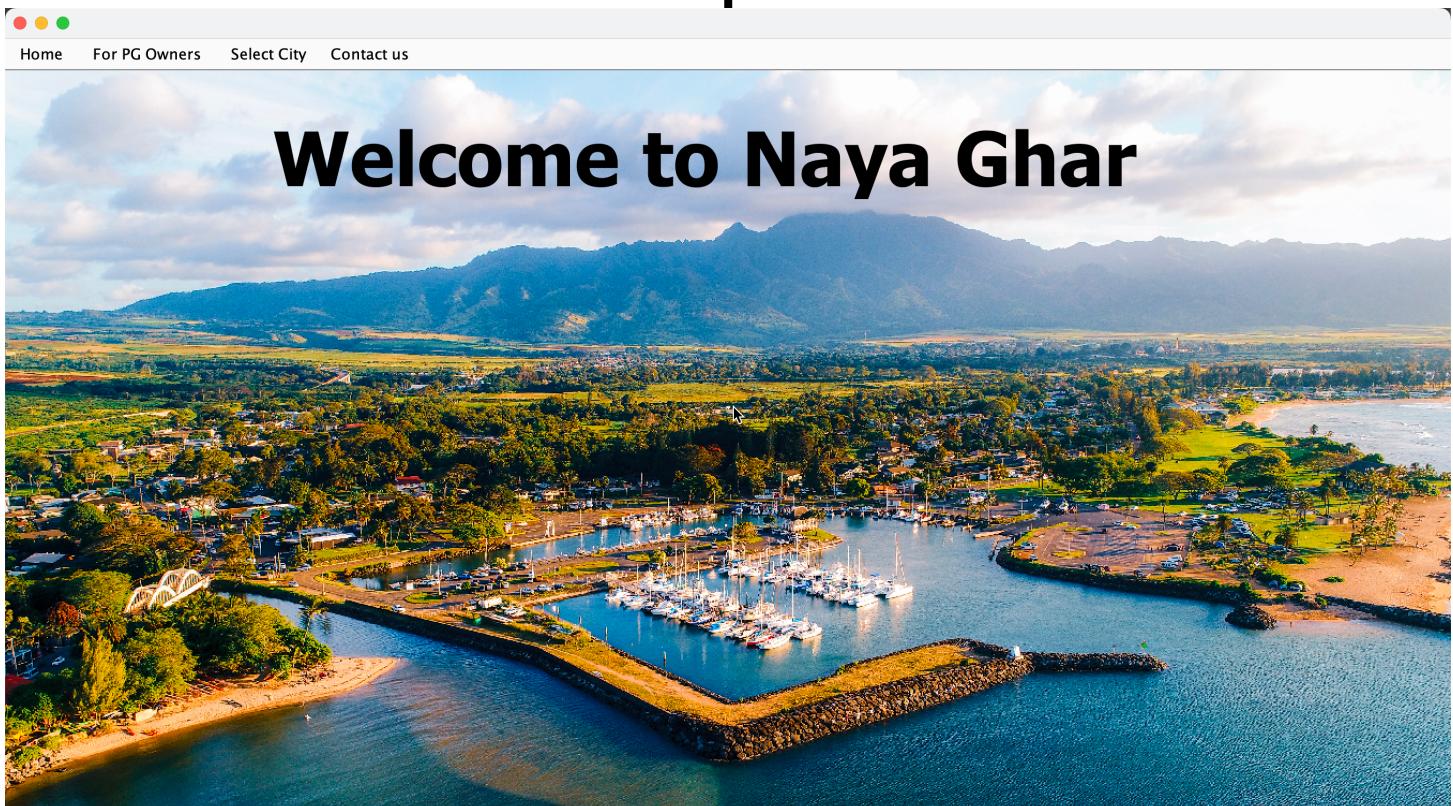
USER DASHBOARD

This is a Java class named "Dashboard" which extends the JFrame class and implements the ActionListener interface. It represents the main dashboard of an application related to finding PG (paying guest) accommodations.

The constructor of the class sets the layout of the frame to null, sets its size and position, and adds a background image to it. It also adds a title label and a menu bar with several menus and menu items to the frame.

The class implements the ActionListener interface, which requires it to implement the actionPerformed() method. This method is called when a user interacts with any of the menu items added to the menu bar. Depending on which menu item was clicked, it instantiates and opens a new window or dialog related to the selected menu item.

The main() method creates an object of the Dashboard class and opens the main dashboard window.



USER DASHBOARD

```
package pg.pgfinder;
import javax.swing.*;
import javax.swing.border.EmptyBorder;
import java.awt.*;
import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;

public class Dashboard extends JFrame implements ActionListener {
// private String selectedCity;
    Dashboard() {
        setLayout(null);
        setBounds(100, 50, 1350, 750);
// getContentPane().setBackground(Color.DARK_GRAY);

        ImageIcon im = new ImageIcon(ClassLoader.getSystemResource("proimg/mount2.jpg"));
        Image img2 = im.getImage().getScaledInstance(1400,800,Image.SCALE_DEFAULT);
        ImageIcon img3 = new ImageIcon(img2);
        JLabel image = new JLabel(img3);

        image.setBounds(0,0,1400,800);
        add(image);

        JLabel title = new JLabel("Welcome to Naya Ghar");
        title.setBounds(250, 70, 1200, 80);
        title.setForeground(Color.black);
        title.setFont(new Font("Tahoma", Font.BOLD, 70));
        image.add(title);

        JMenuBar ab = new JMenuBar();
        ab.setBounds(0, 0, 1550, 30);
        image.add(ab);
        JMenu home = new JMenu("Home");
        home.setBorder(new EmptyBorder(0, 10, 0, 10));
        ab.add(home);

        JMenu pgowners = new JMenu("For PG Owners");
        pgowners.setBorder(new EmptyBorder(0, 10, 0, 10));
        ab.add(pgowners);

        JMenuItem list = new JMenuItem("LIST PG");
        list.addActionListener(this);
        pgowners.add(list);

        JMenuItem rvlist = new JMenuItem("Remove your PG");
        rvlist.addActionListener(this);
        pgowners.add(rvlist);

        JMenu city = new JMenu("Select City");
        city.setBorder(new EmptyBorder(0, 10, 0, 10));
        ab.add(city);

        JMenuItem mum = new JMenuItem("Mumbai");
        mum.addActionListener(this);
        JMenuItem hyd = new JMenuItem("Hyderabad");
        hyd.addActionListener(this);
        JMenuItem klk = new JMenuItem("Kolkata");
```

```
    klk.addActionListener(this);
    JMenuItem ga = new JMenuItem("Delhi");
    ga.addActionListener(this);

    city.add(mum);
    city.add(hyd);
    city.add(klk);
    city.add(ga);

    JMenu cnt = new JMenu("Contact us");
    ab.add(cnt);
    JMenuItem contactItem = new JMenuItem("Contact Us");
    contactItem.addActionListener(this);
    cnt.add(contactItem);

    setVisible(true);
}

public void actionPerformed(ActionEvent ae) {
    if (ae.getActionCommand().equals("LIST PG")) {
        new listPg();
    }
    if (ae.getActionCommand().equals("Remove your PG")) {
        new removePg();
    }
    if (ae.getActionCommand().equals("Mumbai")) {
        new Mumbai();
    }
    if (ae.getActionCommand().equals("Hyderabad")) {
//        selectedCity = "Hyderabad";
        new Hyderabad();
    }
    if (ae.getActionCommand().equals("Kolkata")) {
//        selectedCity = "Kolkata";
        new Kolkata();
    }
    if (ae.getActionCommand().equals("Delhi")) {
        new Delhi();
    }
    if (ae.getActionCommand().equals("Contact Us")) {
        new contactUs();
    }
}

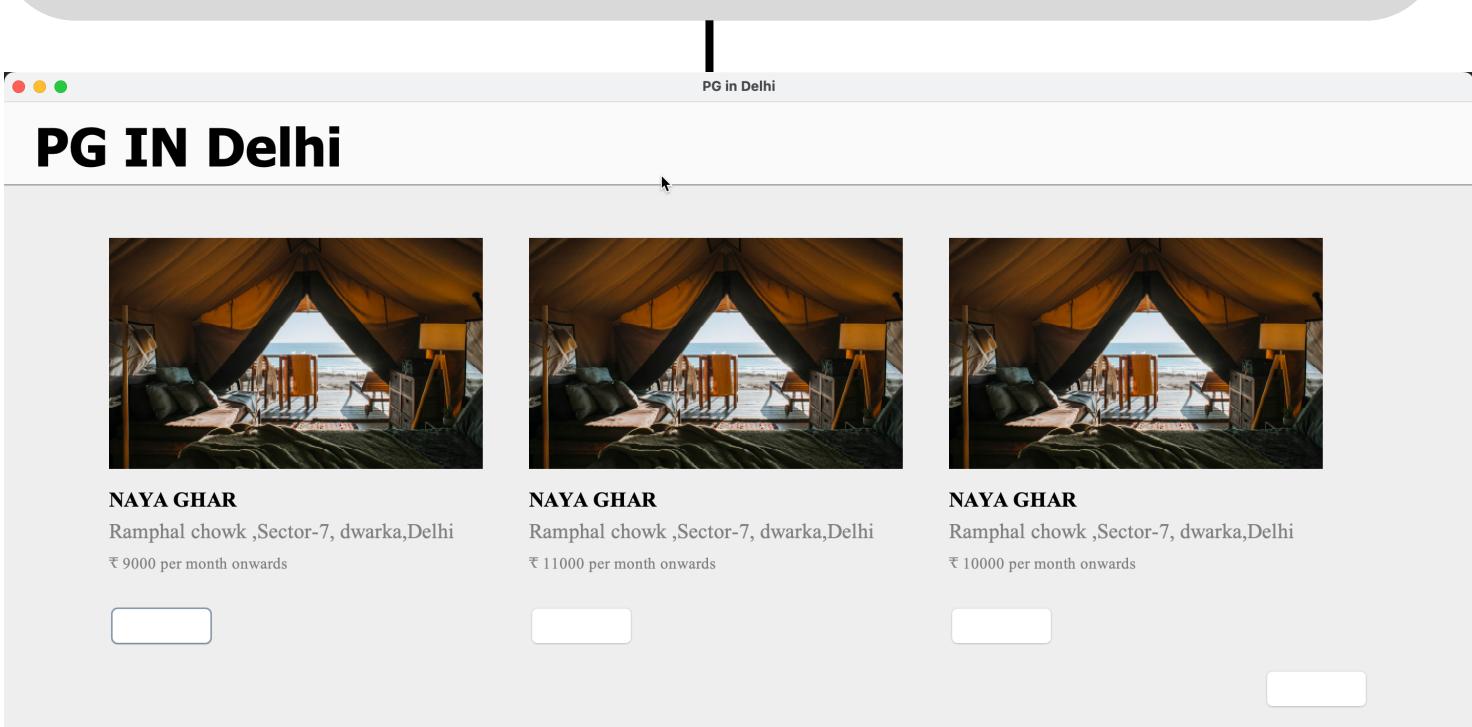
public static void main(String[] args) {
    new Dashboard();
}
}
```

This is a Java program that creates a GUI (graphical user interface) application to display information about paying guest accommodations in Delhi. It uses the Swing library to create various GUI elements like buttons, labels, and menu bars.

The Delhi class extends the JFrame class and implements the ActionListener interface. It contains four JButton objects (back, contact1, contact2, and contact3) and three JLabel objects for each PG accommodation, displaying their name, address, and rent. It also contains three ImageIcon objects that hold the images of the accommodations. The images are scaled down to size using the getScaledInstance() method.

The constructor of the Delhi class sets the layout to null and sets the title, size, and location of the frame. It creates a JMenuBar object and adds a JMenu object to it. The JMenu object is set to the title "PG in Delhi". The JMenuBar is then added to the frame.

The program then creates three JLabel objects to display the name, address, and rent of each PG accommodation. It also creates three JButton objects to allow users to contact the accommodation providers. These buttons are added to the frame and assigned an ActionListener using the addActionListener() method. The program also creates three ImageIcon objects to hold the images of the accommodations, scales them down to size using the getScaledInstance() method, and assigns them to JLabel objects. These JLabel objects are added to the frame.



```
package pg.pgfinger;

import java.awt.*;
import java.awt.event.*;
import javax.swing.*;
import javax.swing.border.EmptyBorder;

public class Delhi extends JFrame implements ActionListener{

    JButton back, contact1, contact2, contact3;

    Delhi(){
        setLayout(null);
        setTitle("PG in Delhi");
        setSize(1400, 640);
        setLocation(100,100);

        JMenuBar ab = new JMenuBar();
        ab.setBounds(0, 0, 1550, 80);
        ab.setBackground(Color.darkGray);
        add(ab);

        JMenu mum = new JMenu("PG IN Delhi");
        mum.setForeground(Color.white);
        mum.setBorder(new EmptyBorder(5, 25, 0, 20));
        mum.setFont(new Font("tahoma",Font.BOLD, 50));
        ab.add(mum);

        ImageIcon im = new ImageIcon(ClassLoader.getSystemResource("proimg/goa.png"));
        Image img2 = im.getImage().getScaledInstance(356, 220, Image.SCALE_DEFAULT);
        ImageIcon img3 = new ImageIcon(img2);
        JLabel image = new JLabel(img3);

        image.setBounds(100, 130, 356, 220);
        add(image);

        JLabel text = new JLabel("NAYA GHAR");
        text.setBounds(100, 330, 150, 100 );
        text.setForeground(Color.black);
        text.setFont(new Font("serif",Font.BOLD, 20));
        add(text);

        JLabel addr1 = new JLabel("Ramphal chowk ,Sector-7, dwarka,Delhi");
        addr1.setBounds(100, 360, 400, 100 );
        addr1.setForeground(Color.gray);
        addr1.setFont(new Font("serif",Font.PLAIN, 20));
        add(addr1);

        JLabel rent1 = new JLabel("₹ 9000 per month onwards");
        rent1.setBounds(100, 390, 400, 100 );
        rent1.setForeground(Color.gray);
        rent1.setFont(new Font("serif",Font.PLAIN, 15));
        add(rent1);

        contact1 = new JButton("Contact");
        contact1.setBounds(100,480,100,40);
        contact1.setBackground(Color.black);
```

```

contact1.setForeground(Color.white);
contact1.setFont(new Font("tahoma",Font.PLAIN, 18));
contact1.addActionListener(this);
add(contact1);

ImageIcon im1 = new ImageIcon(ClassLoader.getSystemResource("proimg/goa.png"));
Image img4 = im1.getImage().getScaledInstance(356, 220, Image.SCALE_DEFAULT);
ImageIcon img5 = new ImageIcon(img4);
JLabel image1 = new JLabel(img5);

image1.setBounds(500, 130, 356, 220);
add(image1);

JLabel text2 = new JLabel("NAYA GHAR");
text2.setBounds(500, 330, 150, 100 );
text2.setForeground(Color.black);
text2.setFont(new Font("serif",Font.BOLD, 20));
add(text2);

JLabel addr2 = new JLabel("Ramphal chowk ,Sector-7, dwarka,Delhi");
addr2.setBounds(500, 360, 400, 100 );
addr2.setForeground(Color.gray);
addr2.setFont(new Font("serif",Font.PLAIN, 20));
add(addr2);

JLabel rent2 = new JLabel("₹ 11000 per month onwards");
rent2.setBounds(500, 390, 400, 100 );
rent2.setForeground(Color.gray);
rent2.setFont(new Font("serif",Font.PLAIN, 15));
add(rent2);

contact2 = new JButton("Contact");
contact2.setBounds(500,480,100,40);
contact2.setBackground(Color.black);
contact2.setForeground(Color.white);
contact2.setFont(new Font("tahoma",Font.PLAIN, 18));
contact2.addActionListener(this);
add(contact2);

ImageIcon im2 = new ImageIcon(ClassLoader.getSystemResource("proimg/goa.png"));
Image img6 = im2.getImage().getScaledInstance(356, 220, Image.SCALE_DEFAULT);
ImageIcon img7 = new ImageIcon(img6);
JLabel image2 = new JLabel(img7);

image2.setBounds(900, 130, 356, 220);
add(image2);

JLabel text3 = new JLabel("NAYA GHAR");
text3.setBounds(900, 330, 150, 100 );
text3.setForeground(Color.black);
text3.setFont(new Font("serif",Font.BOLD, 20));
add(text3);

```

```

JLabel addr3 = new JLabel("Ramphal chowk ,Sector-7, dwarka,Delhi");
addr3.setBounds(900, 360, 400, 100 );
addr3.setForeground(Color.gray);
addr3.setFont(new Font("serif",Font.PLAIN, 20));
add(addr3);

JLabel rent3 = new JLabel("₹ 10000 per month onwards");
rent3.setBounds(900, 390, 400, 100 );
rent3.setForeground(Color.gray);
rent3.setFont(new Font("serif",Font.PLAIN, 15));
add(rent3);

contact3 = new JButton("Contact");
contact3.setBounds(900,480,100,40);
contact3.setBackground(Color.black);
contact3.setForeground(Color.white);
contact3.setFont(new Font("tahoma",Font.PLAIN, 18));
contact3.addActionListener(this);
add(contact3);

back = new JButton("Back");
back.setBounds(1200,540,100,40);
back.setBackground(Color.black);
back.setForeground(Color.white);
back.setFont(new Font("tahoma",Font.PLAIN, 18));
back.addActionListener(this);
add(back);

setVisible(true);

}

@Override
public void actionPerformed(ActionEvent ae) {

if (ae.getSource() == contact1){
new contactForm();
} else if (ae.getSource()==contact2) {
new contactForm();

} else if (ae.getSource()==contact3) {
new contactForm();

} else
setVisible(false);

}

public static void main(String[] args){

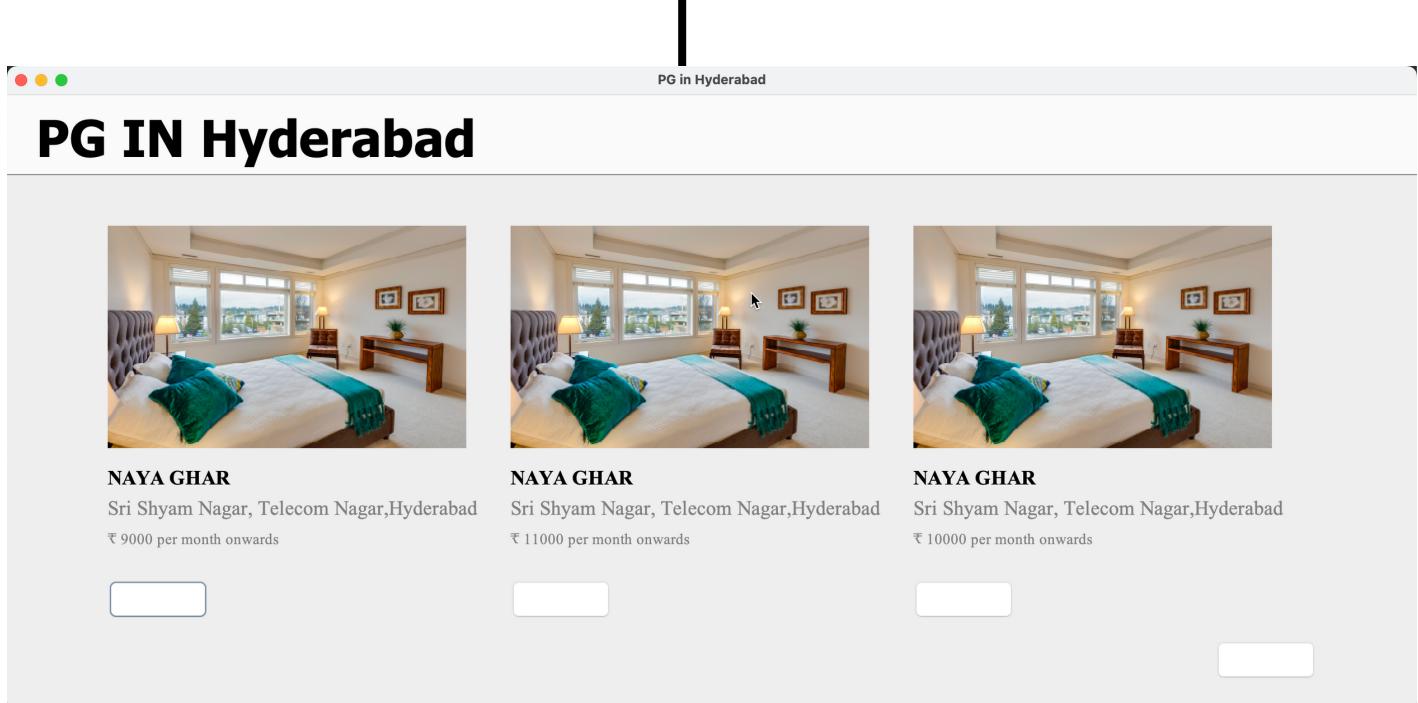
new Delhi();
}

}

```

HYDERABAD

The code is a Java program that creates a GUI (Graphical User Interface) to display information about PG (Paying Guest) accommodations in Hyderabad. It creates a window with a menu bar that has a "PG in Hyderabad" option. The program displays information about three different PG accommodations, including an image, name, address, and rent. Additionally, each PG has a "Contact" button that the user can click to get in touch with the PG owner. There is also a "Back" button that closes the window when clicked.



```
package pg.pgfinder;

import java.awt.*;
import java.awt.event.*;
import javax.swing.*;
import javax.swing.border.EmptyBorder;

public class Hyderabad extends JFrame implements ActionListener{

    JButton back, contact1, contact2, contact3;

    Hyderabad(){
        setLayout(null);
        setTitle("PG in Hyderabad");
        setSize(1400, 640);
        setLocation(100,100);

        JMenuBar ab = new JMenuBar();
        ab.setBounds(0, 0, 1550, 80);
        ab.setBackground(Color.darkGray);
        add(ab);

        JMenu mum = new JMenu("PG IN Hyderabad");
        mum.setForeground(Color.white);
        mum.setBorder(new EmptyBorder(5, 25, 0, 20));
        mum.setFont(new Font("tahoma",Font.BOLD, 50));
        ab.add(mum);

        ImageIcon im = new ImageIcon(ClassLoader.getSystemResource("proimg/hyderabad.png"));
        Image img2 = im.getImage().getScaledInstance(356, 220, Image.SCALE_DEFAULT);
        ImageIcon img3 = new ImageIcon(img2);
        JLabel image = new JLabel(img3);

        image.setBounds(100, 130, 356, 220);
        add(image);

        JLabel text = new JLabel("NAYA GHAR");
        text.setBounds(100, 330, 150, 100 );
        text.setForeground(Color.black);
        text.setFont(new Font("serif",Font.BOLD, 20));
        add(text);

        JLabel addr1 = new JLabel("Sri Shyam Nagar, Telecom Nagar, Hyderabad");
        addr1.setBounds(100, 360, 400, 100 );
        addr1.setForeground(Color.gray);
        addr1.setFont(new Font("serif",Font.PLAIN, 20));
        add(addr1);

        JLabel rent1 = new JLabel("₹ 9000 per month onwards");
        rent1.setBounds(100, 390, 400, 100 );
        rent1.setForeground(Color.gray);
        rent1.setFont(new Font("serif",Font.PLAIN, 15));
        add(rent1);

        contact1 = new JButton("Contact");
    }

}
```

```

contact1.setBounds(100,480,100,40);
contact1.setBackground(Color.black);
contact1.setForeground(Color.white);
contact1.setFont(new Font("tahoma",Font.PLAIN, 18));
contact1.addActionListener(this);
add(contact1);

ImageIcon im1 = new ImageIcon(ClassLoader.getSystemResource("proimg/hyderabad.png"));
Image img4 = im1.getImage().getScaledInstance(356, 220, Image.SCALE_DEFAULT);
ImageIcon img5 = new ImageIcon(img4);
JLabel image1 = new JLabel(img5);

image1.setBounds(500, 130, 356, 220);
add(image1);

JLabel text2 = new JLabel("NAYA GHAR");
text2.setBounds(500, 330, 150, 100 );
text2.setForeground(Color.black);
text2.setFont(new Font("serif",Font.BOLD, 20));
add(text2);

JLabel addr2 = new JLabel("Sri Shyam Nagar, Telecom Nagar, Hyderabad");
addr2.setBounds(500, 360, 400, 100 );
addr2.setForeground(Color.gray);
addr2.setFont(new Font("serif",Font.PLAIN, 20));
add(addr2);

JLabel rent2 = new JLabel("₹ 11000 per month onwards");
rent2.setBounds(500, 390, 400, 100 );
rent2.setForeground(Color.gray);
rent2.setFont(new Font("serif",Font.PLAIN, 15));
add(rent2);

contact2 = new JButton("Contact");
contact2.setBounds(500,480,100,40);
contact2.setBackground(Color.black);
contact2.setForeground(Color.white);
contact2.setFont(new Font("tahoma",Font.PLAIN, 18));
contact2.addActionListener(this);
add(contact2);

ImageIcon im2 = new ImageIcon(ClassLoader.getSystemResource("proimg/hyderabad.png"));
Image img6 = im2.getImage().getScaledInstance(356, 220, Image.SCALE_DEFAULT);
ImageIcon img7 = new ImageIcon(img6);
JLabel image2 = new JLabel(img7);

image2.setBounds(900, 130, 356, 220);
add(image2);

JLabel text3 = new JLabel("NAYA GHAR");
text3.setBounds(900, 330, 150, 100 );
text3.setForeground(Color.black);
text3.setFont(new Font("serif",Font.BOLD, 20));
add(text3);

```

```

JLabel addr3 = new JLabel("Sri Shyam Nagar, Telecom Nagar, Hyderabad");
addr3.setBounds(900, 360, 400, 100 );
addr3.setForeground(Color.gray);
addr3.setFont(new Font("serif",Font.PLAIN, 20));
add(addr3);

JLabel rent3 = new JLabel("₹ 10000 per month onwards");
rent3.setBounds(900, 390, 400, 100 );
rent3.setForeground(Color.gray);
rent3.setFont(new Font("serif",Font.PLAIN, 15));
add(rent3);

contact3 = new JButton("Contact");
contact3.setBounds(900, 480, 100, 40);
contact3.setBackground(Color.black);
contact3.setForeground(Color.white);
contact3.setFont(new Font("tahoma",Font.PLAIN, 18));
contact3.addActionListener(this);
add(contact3);

back = new JButton("Back");
back.setBounds(1200, 540, 100, 40);
back.setBackground(Color.black);
back.setForeground(Color.white);
back.setFont(new Font("tahoma",Font.PLAIN, 18));
back.addActionListener(this);
add(back);

setVisible(true);

}

@Override
public void actionPerformed(ActionEvent ae) {

    if (ae.getSource() == contact1){
        new contactForm();
    } else if (ae.getSource()==contact2) {
        new contactForm();

    }else if (ae.getSource()==contact3) {
        new contactForm();

    } else
        setVisible(false);

}

public static void main(String[] args){
    new Hyderabad();
}

```

KOLKATA

The given code is a Java program for a GUI application to display information about PGs in Kolkata, along with the contact information of each PG. The GUI application contains a menu bar with the title "PG IN Kolkata". It has three options to display information about three different PGs. Each PG's information is displayed in a separate section containing an image of the PG, its name, address, and rent. Below each section, there is a "Contact" button that can be clicked to get the contact information of that particular PG. At the end of the page, there is a "Back" button that can be clicked to go back to the main menu.

The program uses various components of Swing, such as JFrame, JMenuBar, JMenu, JLabel, JButton, ImageIcon, and Font. It also implements the ActionListener interface to handle button clicks. When the user clicks the "Contact" button, the actionPerformed() method is called, which can be overridden to perform any specific action.

Overall, the program provides a simple and user-friendly interface to display information about PGs in Kolkata and get their contact information.

The screenshot shows a Java Swing application window titled "PG in Kolkata". The window has a title bar with three red, yellow, and green window control buttons. The main content area is titled "PG IN Kolkata" in bold black font. Below the title, there are three sections, each representing a different PG:

- NAYA GHAR**: An image of a bedroom with two single beds, white linens, and blue pillows. The room has large windows with white shutters and warm lighting from lamps on either side of the beds. Below the image, the text reads: "Nayabad, Calcutta, 700094, Nayabad Kolkata" and "₹ 9000 per month onwards".
- NAYA GHAR**: An image of a bedroom with two single beds, white linens, and blue pillows. The room has large windows with white shutters and warm lighting from lamps on either side of the beds. Below the image, the text reads: "Nayabad, Calcutta, 700094, Nayabad Kolkata" and "₹ 11000 per month onwards".
- NAYA GHAR**: An image of a bedroom with two single beds, white linens, and blue pillows. The room has large windows with white shutters and warm lighting from lamps on either side of the beds. Below the image, the text reads: "Nayabad, Calcutta, 700094, Nayabad Kolkata" and "₹ 10000 per month onwards".

Each section includes a small "Contact" button at the bottom right. There are also three large, empty rectangular boxes at the bottom of the screen, likely placeholders for additional content or buttons.

```
package pg.pgfinder;

import java.awt.*;
import java.awt.event.*;
import javax.swing.*;
import javax.swing.border.EmptyBorder;

public class Kolkata extends JFrame implements ActionListener{

    JButton back, contact1, contact2, contact3;

    Kolkata(){
        setLayout(null);
        setTitle("PG in Kolkata");
        setSize(1400, 640);
        setLocation(100,100);

        JMenuBar ab = new JMenuBar();
        ab.setBounds(0, 0, 1550, 80);
        ab.setBackground(Color.darkGray);
        add(ab);

        JMenu mum = new JMenu("PG IN Kolkata");
        mum.setForeground(Color.white);
        mum.setBorder(new EmptyBorder(5, 25, 0, 20));
        mum.setFont(new Font("tahoma",Font.BOLD, 50));
        ab.add(mum);

        ImageIcon im = new ImageIcon(ClassLoader.getSystemResource("proimg/kolkata.png"));
        Image img2 = im.getImage().getScaledInstance(356, 220, Image.SCALE_DEFAULT);
        ImageIcon img3 = new ImageIcon(img2);
        JLabel image = new JLabel(img3);

        image.setBounds(100, 130, 356, 220);
        add(image);

        JLabel text = new JLabel("NAYA GHAR");
        text.setBounds(100, 330, 150, 100 );
        text.setForeground(Color.black);
        text.setFont(new Font("serif",Font.BOLD, 20));
        add(text);

        JLabel addr1 = new JLabel("Nayabad, Calcutta, 700094, Nayabad Kolkata");
        addr1.setBounds(100, 360, 400, 100 );
        addr1.setForeground(Color.gray);
        addr1.setFont(new Font("serif",Font.PLAIN, 20));
        add(addr1);

        JLabel rent1 = new JLabel("₹ 9000 per month onwards");
        rent1.setBounds(100, 390, 400, 100 );
        rent1.setForeground(Color.gray);
        rent1.setFont(new Font("serif",Font.PLAIN, 15));
        add(rent1);

    }

}
```

```
contact1 = new JButton("Contact");
contact1.setBounds(100,480,100,40);
contact1.setBackground(Color.black);
contact1.setForeground(Color.white);
contact1.setFont(new Font("tahoma",Font.PLAIN, 18));
contact1.addActionListener(this);
add(contact1);

ImageIcon im1 = new ImageIcon(ClassLoader.getSystemResource("proimg/kolkata.png"));
Image img4 = im1.getImage().getScaledInstance(356, 220, Image.SCALE_DEFAULT);
ImageIcon img5 = new ImageIcon(img4);
JLabel image1 = new JLabel(img5);

image1.setBounds(500, 130, 356, 220);
add(image1);

JLabel text2 = new JLabel("NAYA GHAR");
text2.setBounds(500, 330, 150, 100 );
text2.setForeground(Color.black);
text2.setFont(new Font("serif",Font.BOLD, 20));
add(text2);

JLabel addr2 = new JLabel("Nayabad, Calcutta, 700094, Nayabad Kolkata");
addr2.setBounds(500, 360, 400, 100 );
addr2.setForeground(Color.gray);
addr2.setFont(new Font("serif",Font.PLAIN, 20));
add(addr2);

JLabel rent2 = new JLabel("₹ 11000 per month onwards");
rent2.setBounds(500, 390, 400, 100 );
rent2.setForeground(Color.gray);
rent2.setFont(new Font("serif",Font.PLAIN, 15));
add(rent2);

contact2 = new JButton("Contact");
contact2.setBounds(500,480,100,40);
contact2.setBackground(Color.black);
contact2.setForeground(Color.white);
contact2.setFont(new Font("tahoma",Font.PLAIN, 18));
contact2.addActionListener(this);
add(contact2);

ImageIcon im2 = new ImageIcon(ClassLoader.getSystemResource("proimg/kolkata.png"));
Image img6 = im2.getImage().getScaledInstance(356, 220, Image.SCALE_DEFAULT);
ImageIcon img7 = new ImageIcon(img6);
JLabel image2 = new JLabel(img7);

image2.setBounds(900, 130, 356, 220);
add(image2);

}
```

```

JLabel text3 = new JLabel("NAYA GHAR");
text3.setBounds(900, 330, 150, 100 );
text3.setForeground(Color.black);
text3.setFont(new Font("serif",Font.BOLD, 20));
add(text3);

JLabel addr3 = new JLabel("Nayabad, Calcutta, 700094, Nayabad Kolkata");
addr3.setBounds(900, 360, 400, 100 );
addr3.setForeground(Color.gray);
addr3.setFont(new Font("serif",Font.PLAIN, 20));
add(addr3);

JLabel rent3 = new JLabel("₹ 10000 per month onwards");
rent3.setBounds(900, 390, 400, 100 );
rent3.setForeground(Color.gray);
rent3.setFont(new Font("serif",Font.PLAIN, 15));
add(rent3);

contact3 = new JButton("Contact");
contact3.setBounds(900,480,100,40);
contact3.setBackground(Color.black);
contact3.setForeground(Color.white);
contact3.setFont(new Font("tahoma",Font.PLAIN, 18));
contact3.addActionListener(this);
add(contact3);

back = new JButton("Back");
back.setBounds(1200,540,100,40);
back.setBackground(Color.black);
back.setForeground(Color.white);
back.setFont(new Font("tahoma",Font.PLAIN, 18));
back.addActionListener(this);
add(back);

setVisible(true);

}

@Override
public void actionPerformed(ActionEvent ae) {

if (ae.getSource() == contact1){
    new contactForm();
} else if (ae.getSource()==contact2) {
    new contactForm();

}else if (ae.getSource()==contact3) {
    new contactForm();

} else
    setVisible(false);

}

public static void main(String[] args){

    new Kolkata();
}

```

The code defines a GUI application using Java Swing to input details of a PG and list it. The user interface includes input fields for name, mobile number, city, preferred time to call, PG address, and email. The user can select the preferred time to call using radio buttons. There are two buttons, "SUBMIT" and "BACK." The "SUBMIT" button inserts the entered data into a database table, and the "BACK" button closes the window.



Screenshot of a Java Swing application window titled "List PG". The window has a title bar with three colored dots (red, yellow, green) on the left and the title "List PG" on the right. The main content area is titled "Enter Your Details" and contains the following fields:

- Name: An input field containing a single character "I".
- Mobile: An input field.
- City: An input field.
- Preferred time to call:
 - A radio button labeled "10am-6pm" (unchecked).
 - A radio button labeled "Weekends" (unchecked).
- PG Address: An input field.
- Email: An input field.

At the bottom of the form, there are two buttons: one with a blue gradient background and another with a light gray gradient background.

```
package pg.pgfnder;

import javax.swing.*;
import java.awt.*;
import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;

public class listPg extends JFrame implements ActionListener{

    JTextField tfname,tfmobile,tfcity,tfaddr,mail;
    JRadioButton jr,jrweek;
    JButton sub,back;

    listPg(){
        setLayout(null);
        getContentPane().setBackground(Color.white);
        setTitle("List PG");

        JLabel lbdtl = new JLabel("Enter Your Details");
        lbdtl.setBounds(60,10,180,30);
        add(lbdtl);
        lbdtl.setFont(new Font("tahoma", Font.BOLD, 17));
        add(lbdtl);

        JLabel lblname = new JLabel("Name");
        lblname.setBounds(60,80,120,30);
        add(lblname);
        lblname.setFont(new Font("tahoma", Font.PLAIN, 17));
        add(lblname);

        tfname = new JTextField();
        tfname.setBounds(200,80,150,30);
        add(tfname);

        JLabel lblcon = new JLabel("Mobile");
        lblcon.setBounds(60,130,120,30);
        add(lblcon);
        lblcon.setFont(new Font("tahoma", Font.PLAIN, 17));
        add(lblcon);

        tfmobile = new JTextField();
        tfmobile.setBounds(200,130,150,30);
        add(tfmobile);

        JLabel lblcity = new JLabel("City");
        lblcity.setBounds(60,180,120,30);
        add(lblcity);
        lblcity.setFont(new Font("tahoma", Font.PLAIN, 17));
        add(lblcity);

        tfcity = new JTextField();
        tfcity.setBounds(200,180,150,30);
        add(tfcity);

    }

}
```

```
JLabel lbltime = new JLabel("Preferred time to call");
lbltime.setBounds(60,230,200,30);
add(lbltime);
lbltime.setFont(new Font("tahoma", Font.PLAIN, 17));
add(lbltime);

jr = new JRadioButton("10am-6pm");
jr.setBounds(250,230,120,30);
jr.setFont(new Font("tahoma", Font.PLAIN, 17));
jr.setBackground(Color.white);
add(jr);

jrweek = new JRadioButton("Weekends");
jrweek.setBounds(380,230,120,30);
jrweek.setFont(new Font("tahoma", Font.PLAIN, 17));
jrweek.setBackground(Color.white);
add(jrweek);

ButtonGroup bg = new ButtonGroup();
bg.add(jr);
bg.add(jrweek);

JLabel lbladdr = new JLabel("PG Address");
lbladdr.setBounds(60,280,120,30);
add(lbladdr);
lbladdr.setFont(new Font("tahoma", Font.PLAIN, 17));
add(lbladdr);

tfaddr = new JTextField();
tfaddr.setBounds(200,280,150,30);
add(tfaddr);

JLabel lblmail = new JLabel("Email");
lblmail.setBounds(60,330,120,30);
add(lblmail);
lblmail.setFont(new Font("tahoma", Font.PLAIN, 17));
add(lblmail);

mail = new JTextField();
mail.setBounds(200,330,150,30);
add(mail);

sub = new JButton("SUBMIT");
sub.setBackground(Color.black);
sub.setForeground(Color.white);
sub.setBounds(100,420,120,40);
sub.addActionListener(this);
add(sub);

back = new JButton("BACK");
back.setBackground(Color.black);
back.setForeground(Color.white);
back.setBounds(270, 420, 120, 40);
back.addActionListener(this);
add(back);
```

```

 ImageIcon im = new ImageIcon(ClassLoader.getSystemResource("proimg/pngwing.com.png"));
 Image img2 = im.getImage().getScaledInstance(300,300,Image.SCALE_DEFAULT);
 ImageIcon img3 = new ImageIcon(img2);
 JLabel image = new JLabel(img3);

 image.setBounds(500,205,300,300);
 add(image);

 setBounds(350,200,850,540);
 setVisible(true);

}

@Override
public void actionPerformed(ActionEvent e) {

if (e.getSource() == back) {
    setVisible(false);
} else {

String name = tfname.getText();
String mobile = tfmobile.getText();
String city = tfcity.getText();
String pgaddr = tfaddr.getText();
String email = mail.getText();
String PreferredTimeToCall = null;
if (jr.isSelected()) {
    PreferredTimeToCall = "10am-6pm";
} else if (jrweek.isSelected()) {
    PreferredTimeToCall = "Weekends";
}
try {

Conn conn = new Conn();

String query = "insert into listpg values('" + name + "', '" + mobile +
"','" + city + "','" + PreferredTimeToCall + "','" + pgaddr + "','" + email + "')";
conn.s.executeUpdate(query);

JOptionPane.showMessageDialog(null, "Our executive will call you and your
PG is Listed Successfully");
setVisible(false);
} catch (Exception ae) {

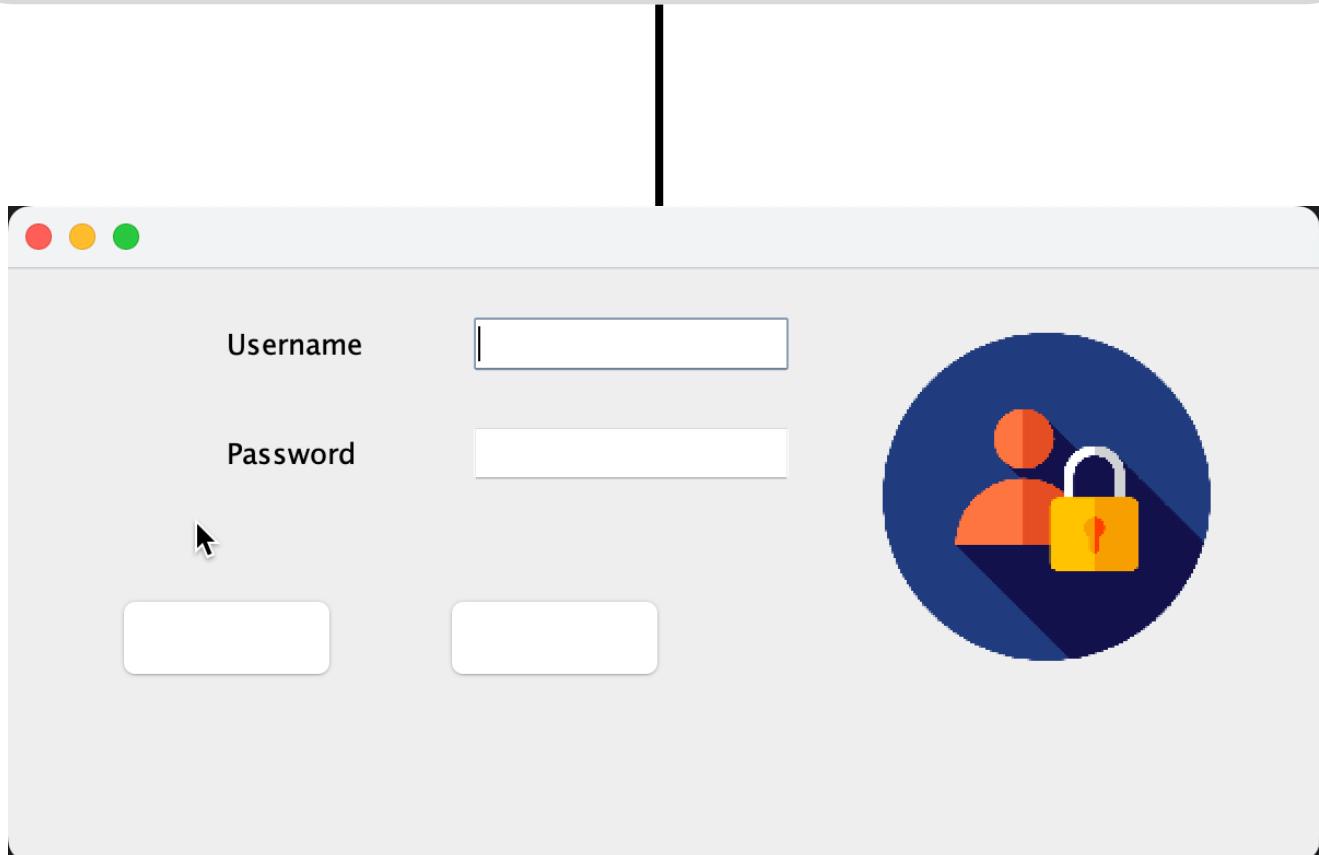
ae.printStackTrace();
}
}

public static void main(String[] args) {
    new listPg();
}

```

login

This is a Java program that creates a login form using Swing library components. The form has two text fields for username and password, a login button, and a back button. When the login button is clicked, the program checks the entered username and password against a database using SQL queries. If the credentials match, the login form is closed and a new dashboard is displayed. If the credentials do not match, an error message is displayed. The program also has a main method that creates a new instance of the Login class.



login

```
package pg.pgfinder;

import javax.swing.*;
import java.awt.*;
import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;
import java.sql.ResultSet;

public class Login extends JFrame implements ActionListener {

    JTextField username;
    JPasswordField password;
    JButton login,back;
    Login(){
        //    getContentPane().setBackground(Color.darkGray);
        setLayout(null);
        setSize(1400, 565);
        setLocation(100,100);

        ImageIcon im = new ImageIcon(ClassLoader.getSystemResource("proimg/login.png"));
        Image img2 = im.getImage().getScaledInstance(150,150,Image.SCALE_DEFAULT);
        ImageIcon img3 = new ImageIcon(img2);
        JLabel image = new JLabel(img3);

        image.setBounds(400,30,150,150);
        add(image);

        JLabel user = new JLabel("Username");
        user.setBounds(100,20,100,30);
        user.setForeground(Color.black);
        add(user);

        username = new JTextField();
        username.setBounds(210,20,150,30);
        add(username);

        JLabel pass = new JLabel("Password");
        pass.setBounds(100,70,100,30);
        pass.setForeground(Color.black);
        add(pass);

        password = new JPasswordField();
        password.setBounds(210,70,150,30);
        add(password);

        login = new JButton("Login");
        login.setBounds(200,150,100,40);
        login.setBackground(Color.black);
        login.setForeground(Color.white);
        login.addActionListener(this);
        add(login);

    }

}
```

```

back = new JButton("BACK");
back.setBackground(Color.black);
back.setForeground(Color.white);
back.setBounds(50, 150, 100, 40);
back.addActionListener(this);
add(back);

setBounds(500, 200, 600, 300);
setVisible(true);
}

public void actionPerformed(ActionEvent ae) {

if (ae.getSource() == back) {
    setVisible(false);
} else {

String user = username.getText();
String pass = password.getText();

try {
    Conn c = new Conn();
    String query = "select * from login where username ='" + user + "'and password ='" + pass + "' ";
    ResultSet rs = c.s.executeQuery(query);
    if (rs.next()) {
        setVisible(false);
        new Dashboard();
    } else {
        JOptionPane.showMessageDialog(null, "Invalid Username or Password");
    }
} catch (Exception e) {
    e.printStackTrace();
}
}

public static void main(String[] args){
    new Login();
}
}

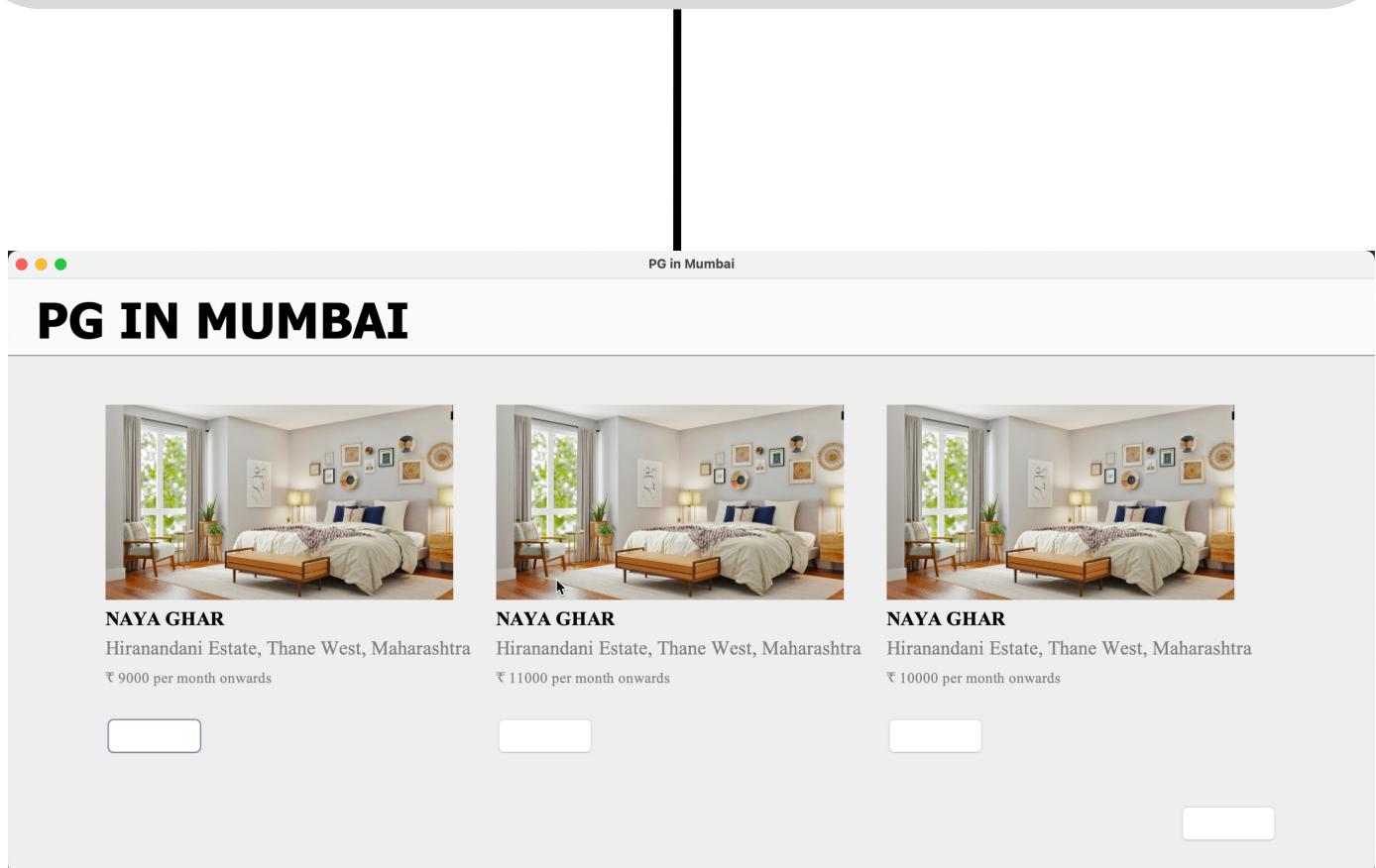
```

This is a Java code for a GUI program that displays information about three PGs (paying guests) in Mumbai, India. The program extends the JFrame class and implements the ActionListener interface to handle button events.

The program creates a menu bar at the top of the frame using the JMenuBar class, and adds a menu item for PGs in Mumbai. The three PGs are displayed as images with labels for the name, address, and rent. Each PG also has a "Contact" button that can be clicked to initiate contact.

The program uses several Java Swing classes to create the GUI components, including JButton, JLabel, and JMenu. It also uses ImageIcon and Image classes to load and scale the images.

The program overrides the actionPerformed method of the ActionListener interface to handle button events. However, the implementation of this method is not shown in the provided code.



```
package pg.pgfinder;

import java.awt.*;
import java.awt.event.*;
import javax.swing.*;
import javax.swing.border.EmptyBorder;

public class Mumbai extends JFrame implements ActionListener{

    JButton back, contact1, contact2, contact3;

    Mumbai(){
        setLayout(null);
        setTitle("PG in Mumbai");
        setSize(1400, 640);
        setLocation(100,100);

        JMenuBar ab = new JMenuBar();
        ab.setBounds(0, 0, 1550, 80);
        ab.setBackground(Color.darkGray);
        add(ab);

        JMenu mum = new JMenu("PG IN MUMBAI");
        mum.setForeground(Color.white);
        mum.setBorder(new EmptyBorder(5, 25, 0, 20));
        mum.setFont(new Font("tahoma",Font.BOLD, 50));
        ab.add(mum);

        ImageIcon im = new ImageIcon(ClassLoader.getSystemResource("proimg/spacejoy-XM-miHibz64-unplash.png"));
        Image img2 = im.getImage().getScaledInstance(356, 200, Image.SCALE_DEFAULT);
        ImageIcon img3 = new ImageIcon(img2);
        JLabel image = new JLabel(img3);

        image.setBounds(100, 130, 356, 200);
        add(image);

        JLabel text = new JLabel("NAYA GHAR");
        text.setBounds(100, 300, 150, 100 );
        text.setForeground(Color.black);
        text.setFont(new Font("serif",Font.BOLD, 20));
        add(text);

        JLabel addr1 = new JLabel("Hiranandani Estate, Thane West, Maharashtra");
        addr1.setBounds(100, 330, 400, 100 );
        addr1.setForeground(Color.gray);
        addr1.setFont(new Font("serif",Font.PLAIN, 20));
        add(addr1);

        JLabel rent1 = new JLabel("₹ 9000 per month onwards");
        rent1.setBounds(100, 360, 400, 100 );
        rent1.setForeground(Color.gray);
        rent1.setFont(new Font("serif",Font.PLAIN, 15));
        add(rent1);

    }

}
```

```

contact1 = new JButton("Contact");
contact1.setBounds(100,450,100,40);
contact1.setBackground(Color.black);
contact1.setForeground(Color.white);
contact1.setFont(new Font("tahoma",Font.PLAIN, 18));
contact1.addActionListener(this);
add(contact1);

ImageIcon im1 = new ImageIcon(ClassLoader.getSystemResource
("proimg/spacejoy-XM-miHibz64-unsplash.png"));
Image img4 = im1.getImage().getScaledInstance(356, 200, Image.SCALE_DEFAULT);
ImageIcon img5 = new ImageIcon(img4);
JLabel image1 = new JLabel(img5);

image1.setBounds(500, 130, 356, 200);
add(image1);

JLabel text2 = new JLabel("NAYA GHAR");
text2.setBounds(500, 300, 150, 100 );
text2.setForeground(Color.black);
text2.setFont(new Font("serif",Font.BOLD, 20));
add(text2);

JLabel addr2 = new JLabel("Hiranandani Estate, Thane West, Maharashtra");
addr2.setBounds(500, 330, 400, 100 );
addr2.setForeground(Color.gray);
addr2.setFont(new Font("serif",Font.PLAIN, 20));
add(addr2);

JLabel rent2 = new JLabel("₹ 11000 per month onwards");
rent2.setBounds(500, 360, 400, 100 );
rent2.setForeground(Color.gray);
rent2.setFont(new Font("serif",Font.PLAIN, 15));
add(rent2);

contact2 = new JButton("Contact");
contact2.setBounds(500,450,100,40);
contact2.setBackground(Color.black);
contact2.setForeground(Color.white);
contact2.setFont(new Font("tahoma",Font.PLAIN, 18));
contact2.addActionListener(this);
add(contact2);

ImageIcon im2 = new ImageIcon(ClassLoader.getSystemResource
("proimg/spacejoy-XM-miHibz64-unsplash.png"));
Image img6 = im2.getImage().getScaledInstance(356, 200, Image.SCALE_DEFAULT);
ImageIcon img7 = new ImageIcon(img6);
JLabel image2 = new JLabel(img7);

image2.setBounds(900, 130, 356, 200);
add(image2);

JLabel text3 = new JLabel("NAYA GHAR");
text3.setBounds(900, 300, 150, 100 );
text3.setForeground(Color.black);
text3.setFont(new Font("serif",Font.BOLD, 20));
add(text3);

```

```

JLabel addr3 = new JLabel("Hiranandani Estate, Thane West, Maharashtra");
addr3.setBounds(900, 330, 400, 100 );
addr3.setForeground(Color.gray);
addr3.setFont(new Font("serif",Font.PLAIN, 20));
add(addr3);

JLabel rent3 = new JLabel("₹ 10000 per month onwards");
rent3.setBounds(900, 360, 400, 100 );
rent3.setForeground(Color.gray);
rent3.setFont(new Font("serif",Font.PLAIN, 15));
add(rent3);

contact3 = new JButton("Contact");
contact3.setBounds(900,450,100,40);
contact3.setBackground(Color.black);
contact3.setForeground(Color.white);
contact3.setFont(new Font("tahoma",Font.PLAIN, 18));
contact3.addActionListener(this);
add(contact3);

back = new JButton("Back");
back.setBounds(1200,540,100,40);
back.setBackground(Color.black);
back.setForeground(Color.white);
back.setFont(new Font("tahoma",Font.PLAIN, 18));
back.addActionListener(this);
add(back);

setVisible(true);

}

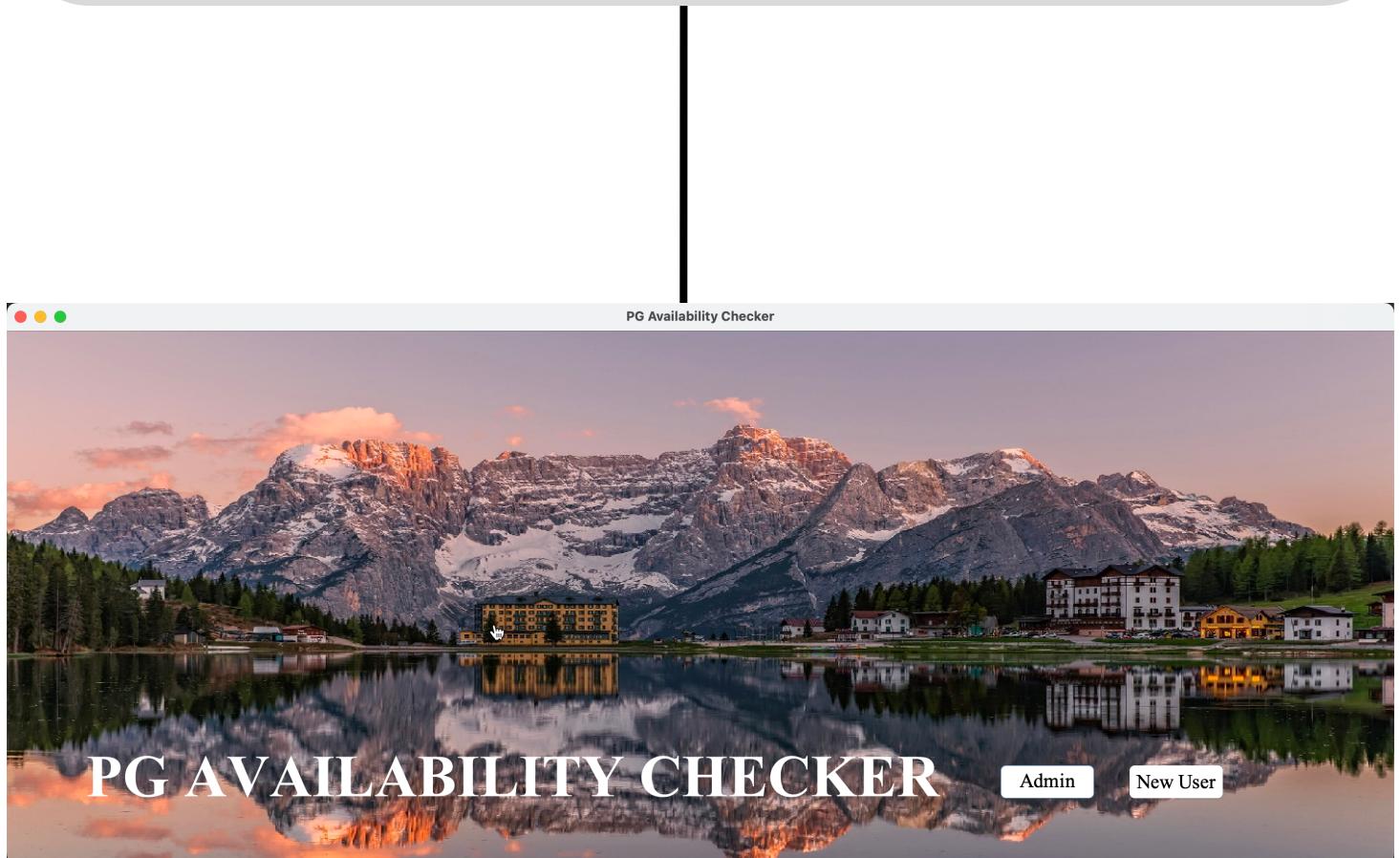
@Override
public void actionPerformed(ActionEvent ae) {

    if (ae.getSource() == contact1){
        new contactForm();
    } else if (ae.getSource()==contact2) {
        new contactForm();
    }else if (ae.getSource()==contact3) {
        new contactForm();
    } else
        setVisible(false);
}

public static void main(String[] args){
    new Mumbai();
}

```

This is a Java program for a PG (paying guest) availability checker. It includes a GUI with a background image, a title label, and two buttons for "Admin" and "New User". The program implements the ActionListener interface and defines an actionPerformed method that creates new Dashboard or Login objects depending on which button is clicked. The main method creates a new instance of the PgFinder class to start the program.



```
package pg.pgfinder;

import javax.swing.*;
import java.awt.*;
import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;
import java.sql.ResultSet;

public class Register extends JFrame implements ActionListener {

    JTextField username;
    JPasswordField password;
    JButton login;
    Register(){
        setLayout(null);
        setSize(1400, 565);
        setLocation(100,100);

        ImageIcon im = new ImageIcon(ClassLoader.getSystemResource("proimg/login.png"));
        Image img2 = im.getImage().getScaledInstance(150,150,Image.SCALE_DEFAULT);
        ImageIcon img3 = new ImageIcon(img2);
        JLabel image = new JLabel(img3);

        image.setBounds(400,30,150,150);
        add(image);

        JLabel user = new JLabel("Username");
        user.setBounds(100,20,100,30);
        user.setForeground(Color.black);

        add(user);

        username = new JTextField();
        username.setBounds(210,20,150,30);
        add(username);

        JLabel pass = new JLabel("Password");
        pass.setBounds(100,70,100,30);
        pass.setForeground(Color.black);
        add(pass);

        password = new JPasswordField();
        password.setBounds(210,70,150,30);
        add(password);

        login = new JButton("Login");
        login.setBounds(150,150,100,40);
        login.setBackground(Color.black);
        login.setForeground(Color.white);
        login.addActionListener(this);
        add(login);

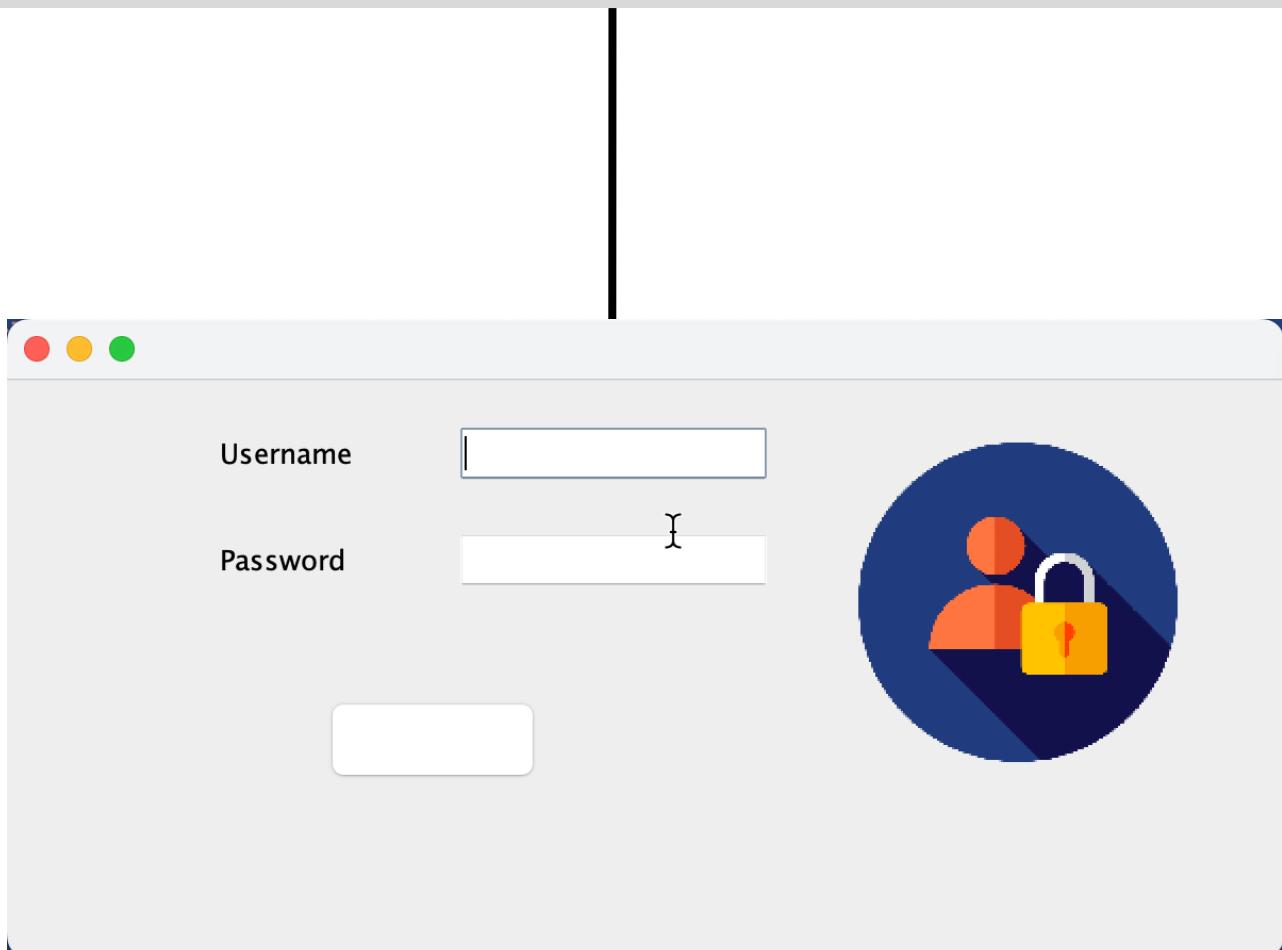
        setBounds(500, 200, 600, 300);
        setVisible(true);
    }

    public void actionPerformed(ActionEvent ae) {
    }

    public static void main(String[] args){
        new Register();
    }
}
```

register

This is a Java program for a PG (paying guest) availability checker. It includes a GUI with a background image, a title label, and two buttons for "Admin" and "New User". The program implements the ActionListener interface and defines an actionPerformed method that creates new Dashboard or Login objects depending on which button is clicked. The main method creates a new instance of the PgFinder class to start the program.



register

```
package pg.pgfinder;

import javax.swing.*;
import java.awt.*;
import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;
import java.sql.ResultSet;

public class Register extends JFrame implements ActionListener {

    JTextField username;
    JPasswordField password;
    JButton login;
    Register(){
        setLayout(null);
        setSize(1400, 565);
        setLocation(100,100);

        ImageIcon im = new ImageIcon(ClassLoader.getSystemResource("proimg/login.png"));
        Image img2 = im.getImage().getScaledInstance(150,150,Image.SCALE_DEFAULT);
        ImageIcon img3 = new ImageIcon(img2);
        JLabel image = new JLabel(img3);

        image.setBounds(400,30,150,150);
        add(image);

        JLabel user = new JLabel("Username");
        user.setBounds(100,20,100,30);
        user.setForeground(Color.black);
        add(user);
        username = new JTextField();
        username.setBounds(210,20,150,30);
        add(username);

        JLabel pass = new JLabel("Password");
        pass.setBounds(100,70,100,30);
        pass.setForeground(Color.black);
        add(pass);

        password = new JPasswordField();
        password.setBounds(210,70,150,30);
        add(password);

        login = new JButton("Login");
        login.setBounds(150,150,100,40);
        login.setBackground(Color.black);
        login.setForeground(Color.white);
        login.addActionListener(this);
        add(login);

        setBounds(500, 200, 600, 300);
        setVisible(true);
    }

    public void actionPerformed(ActionEvent ae) {
    }

    public static void main(String[] args){
        new Register();
    }
}
```

remove pg

The given Java code defines a GUI application that allows users to remove a PG (Paying Guest) from a database. The application has a form that asks for the user's name, mobile number, city, and PG address. It also has two buttons: one for removing the PG and the other for going back. When the user clicks on the remove button, the code uses JDBC to delete the PG record from the database. If the deletion is successful, a message is displayed informing the user that the PG has been removed successfully. The code also defines a main method that creates an instance of the removePg class to launch the GUI application.

Enter Your Details

Name	<input type="text"/>
Mobile	<input type="text"/>
City	<input type="text"/>
PG Address	<input type="text"/>



remove pg

```
package pg.pgfinder;

import javax.swing.*;
import java.awt.*;
import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;
import java.sql.SQLException;

public class removePg extends JFrame implements ActionListener {

    JTextField tfname, tfmobile, tfcity, tfaddr;
    JButton rem,back;

    removePg() {
        setLayout(null);
        getContentPane().setBackground(Color.white);
        setTitle("Remove PG");

        JLabel lbldtl = new JLabel("Enter Your Details");
        lbldtl.setBounds(60, 10, 180, 30);
        add(lbldtl);
        lbldtl.setFont(new Font("tahoma", Font.BOLD, 17));
        add(lbldtl);

        JLabel lblname = new JLabel("Name");
        lblname.setBounds(60, 80, 120, 30);
        add(lblname);
        lblname.setFont(new Font("tahoma", Font.PLAIN, 17));
        add(lblname);

        tfname = new JTextField();
        tfname.setBounds(200, 80, 150, 30);
        add(tfname);

        JLabel lblcon = new JLabel("Mobile");
        lblcon.setBounds(60, 150, 120, 30);
        add(lblcon);
        lblcon.setFont(new Font("tahoma", Font.PLAIN, 17));
        add(lblcon);

        tfmobile = new JTextField();
        tfmobile.setBounds(200, 150, 150, 30);
        add(tfmobile);

        JLabel lbcity = new JLabel("City");
        lbcity.setBounds(60, 230, 120, 30);
        add(lbcity);
        lbcity.setFont(new Font("tahoma", Font.PLAIN, 17));
        add(lbcity);

        tfcity = new JTextField();
        tfcity.setBounds(200, 230, 150, 30);
        add(tfcity);

    }

}
```

```

JLabel lbladdr = new JLabel("PG Address");
lbladdr.setBounds(60, 310, 120, 30);
add(lbladdr);
lbladdr.setFont(new Font("tahoma", Font.PLAIN, 17));
add(lbladdr);

tfaddr = new JTextField();
tfaddr.setBounds(200, 310, 150, 30);
add(tfaddr);

rem = new JButton("REMOVE PG");
rem.setBackground(Color.black);
rem.setForeground(Color.white);
rem.setBounds(100, 420, 120, 40);
rem.addActionListener(this);
add(rem);

back = new JButton("BACK");
back.setBackground(Color.black);
back.setForeground(Color.white);
back.setBounds(270, 420, 120, 40);
back.addActionListener(this);
add(back);

ImageIcon im = new ImageIcon(ClassLoader.getSystemResource("proimg/thank-you.png"));
Image img2 = im.getImage().getScaledInstance(200, 200, Image.SCALE_DEFAULT);
ImageIcon img3 = new ImageIcon(img2);
JLabel image = new JLabel(img3);

image.setBounds(500, 100, 250, 250);
add(image);

setBounds(350, 200, 850, 540);
setVisible(true);
}

@Override
public void actionPerformed(ActionEvent e) {

    if (e.getSource() == back){
        setVisible(false);
    }
    else {
        String name = tfname.getText();
        String mobile = tfmobile.getText();
        try {
            Conn conn = new Conn();
            String query = "DELETE FROM listpg WHERE name = '" + name + "' AND mobile = '" + mobile +
"'";
            conn.s.executeUpdate(query);
            JOptionPane.showMessageDialog(null, "Your PG has been removed Successfully");
            setVisible(false);
        } catch (SQLException ae) {
            ae.printStackTrace();
        }
    }
}

public static void main (String[] args){
    new removePg();
}

```

Connection class for establishing the connection to databases, required for storing and retrieval of the data

```
package pg.pgfinder;

import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.Statement;

public class Conn {
    Connection c;
    Statement s;
    Conn() {
        try {
            Class.forName("com.mysql.cj.jdbc.Driver");
            c = DriverManager.getConnection("jdbc:mysql://localhost:3306/pgchecker",
"root", "aman9897");
            s = c.createStatement();
        } catch (Exception e) {
            e.printStackTrace();
        }
    }
}
```