

Contents

S No.	Topic	Page No.
1	Objective & Scope of the Project	2
2	Problem Definition	3
3	Life Cycle of the Project	4
4	Details of Hardware & Software used	5
5	Input Screen Design	6
6	Source Code of the Project	28
7	Data Dictionary	112

1. Objective & Scope of the Project

Objective

The main objective about making this software is to computerize the processing of the different types of work during booking movie tickets. This software would be very helpful in maintaining all records of Movie Tickets, Reviews and Snack records.

Scope

This software is developed for Tint. This project will help them to create a working system into the latest concept of paper-less workplace and still maintain all data-entry's and records of the multiplex.

2. Problem Definition

This software 'Movie Ticket Booking App' shows a simple billing process used Tint. This includes booking of movie tickets, reviews and online snack orders.

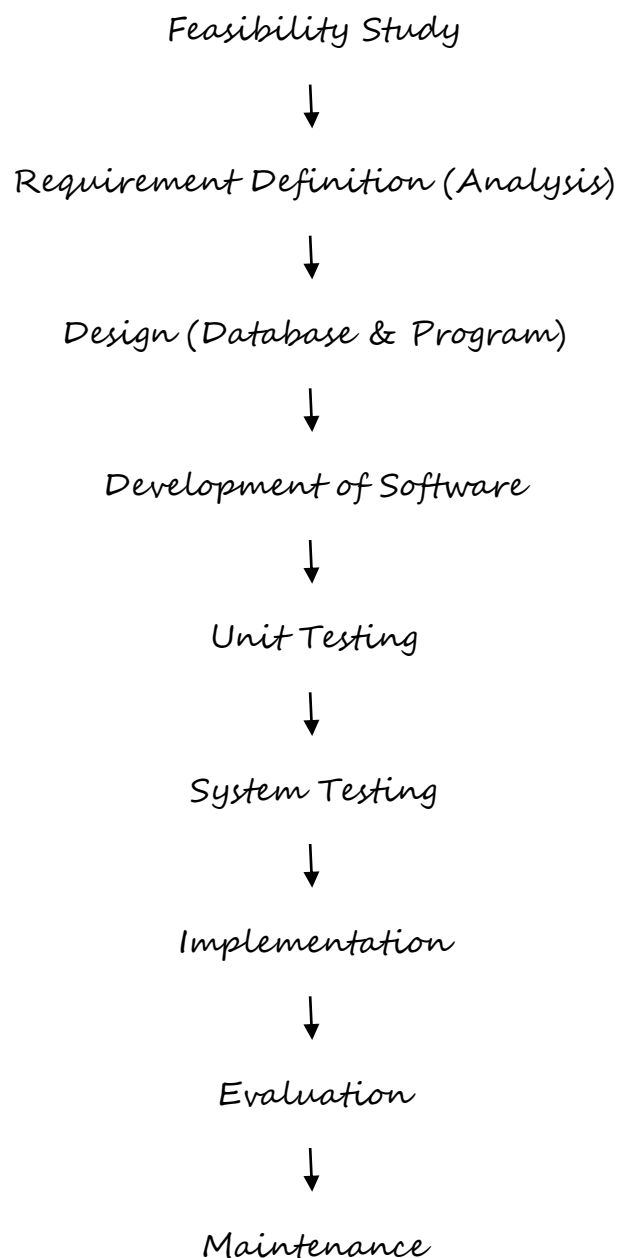
The software stores and maintains the Customer Details, Movie Reservations and Billing Details.

As a developer you are required to design and develop the software as per customer needs.

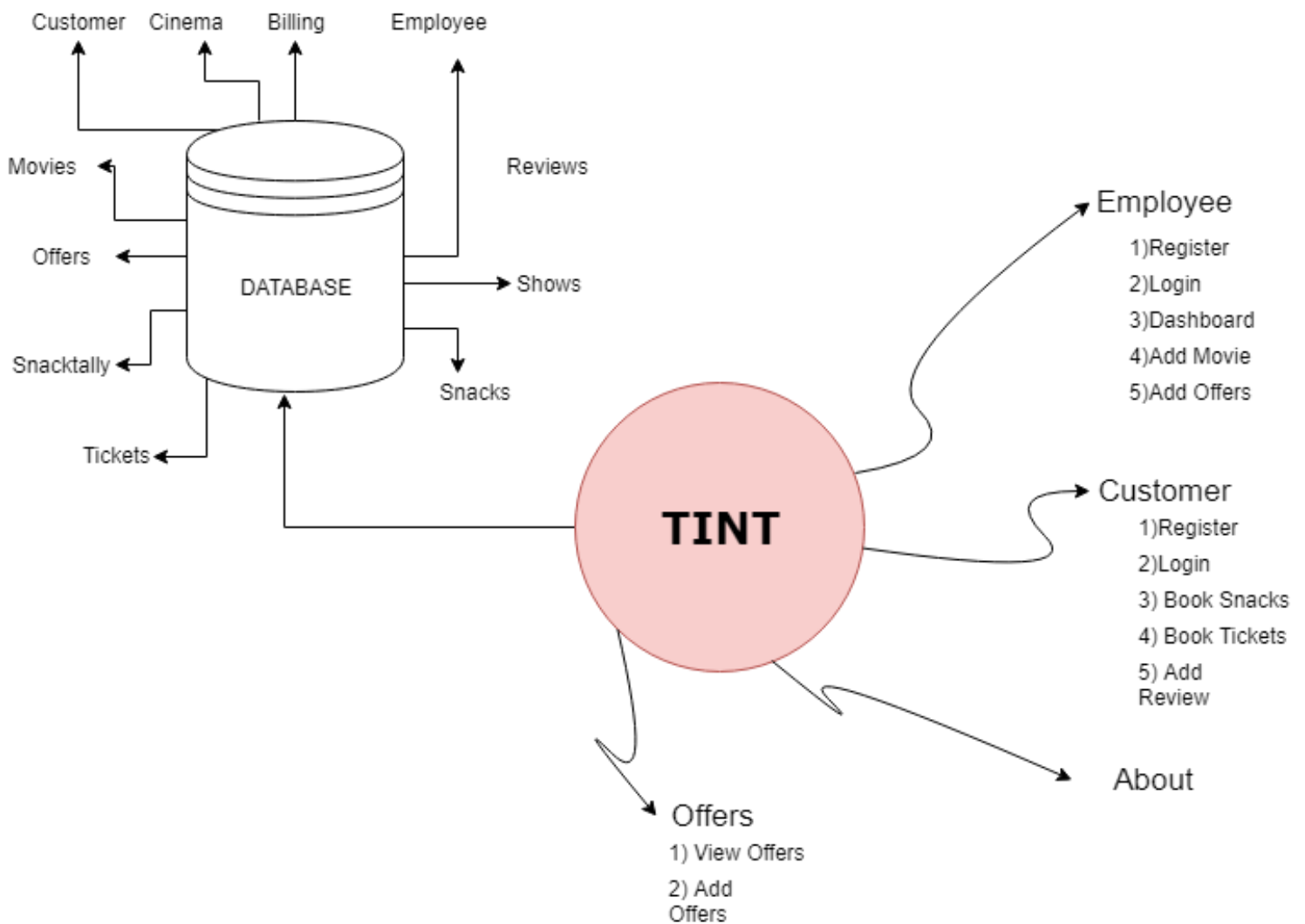
A proper normalized database is to be maintained in the RDBMS and the front end is to be developed using advanced interface-controls. User-friendly Interface is to be generated.

3. Life Cycle of the Project

The System Development Life Cycle (SDLC) is a set of activities that analysts, designers and users carry out to develop and implement an Information System. The SDLC consists of the following activities.



Context Diagram



4. Details of Hardware & Software

Hardware Specifications

Microprocessor(CPU) :	Quad Core
Memory (RAM) :	8 GB
Virtual Memory :	64-bit
Hard Disk :	1 TB
VDU :	IPS Display
Keyboard :	Standard 112 Keys
Mouse :	Standard 3-buttons
Mouse	
Printer :	Inkjet / Laser

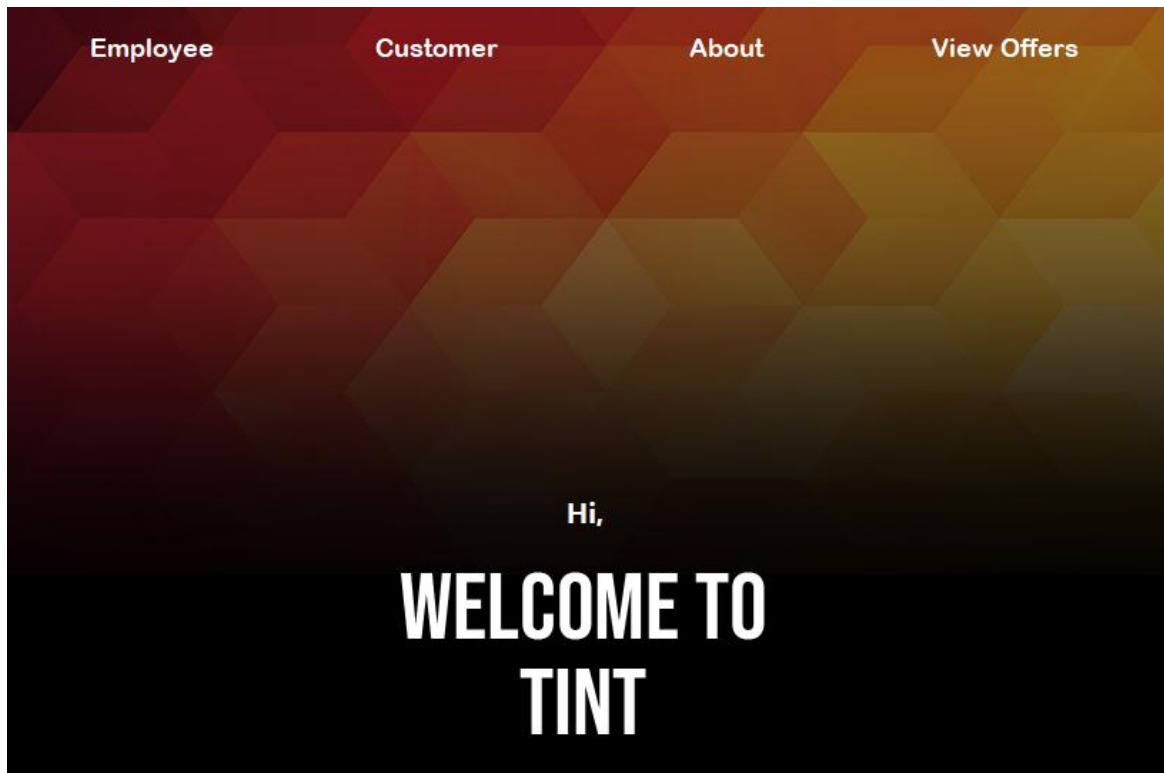
Software Specifications

Operating System :	Windows 10
Front-End Design :	Java NetBeans 7. 1
Back-End :	MySQL
Documentation :	Microsoft Word 2013

5. Input Screen Design

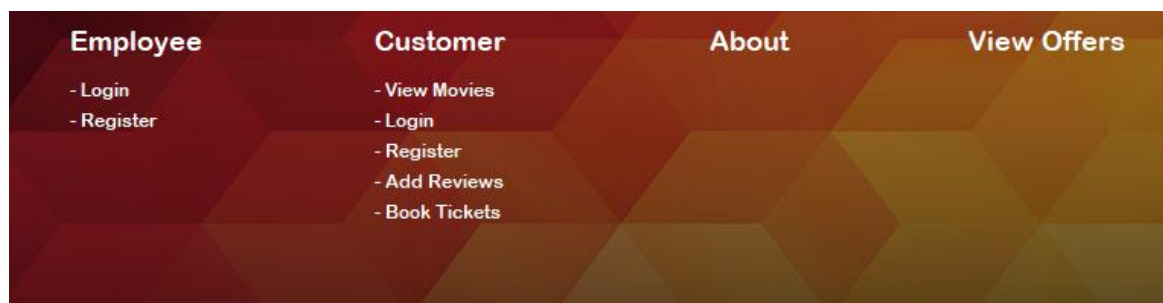
INPUT FORMS

The **Main screen** of the Project is shown below:

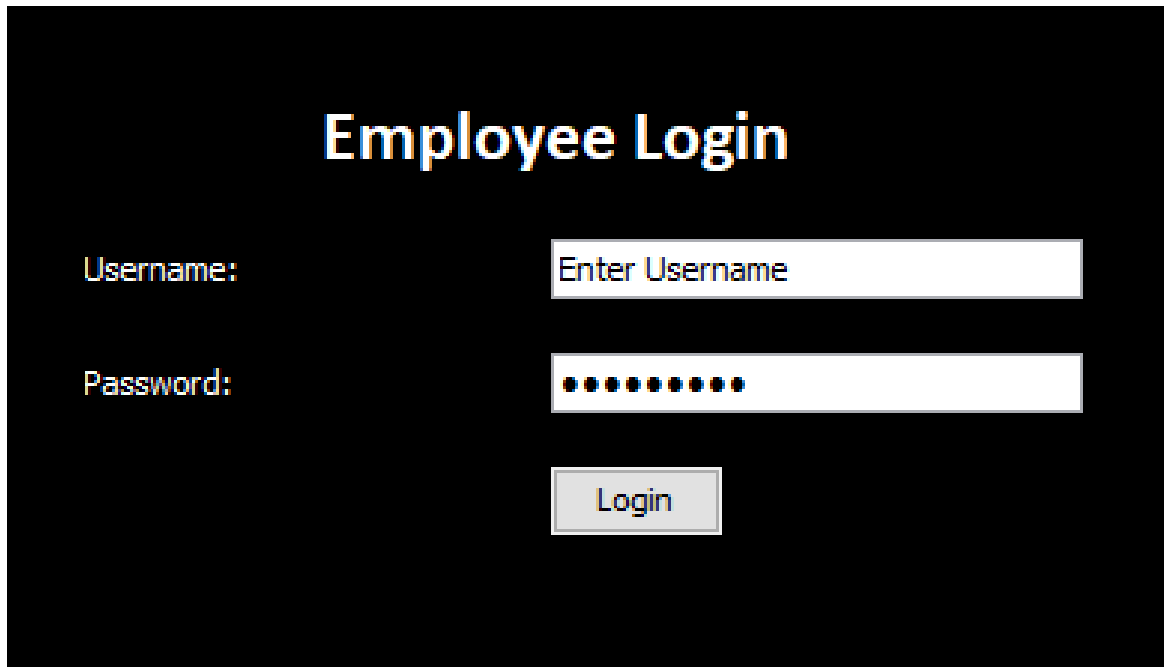


There are Three menus available in the main form and any one of them can be directly selected to proceed further.

Screen shot of the First menu is as given below:



If we click on Login under Employee Menu, the following form appears-



The image shows a login form titled "Employee Login" on a black background. The title is in a large, bold, blue font. Below the title, there are two input fields. The first is labeled "Username:" in blue text, and the input field contains the placeholder text "Enter Username" in blue. The second is labeled "Password:" in blue text, and the input field contains ten black dots. Below these fields is a blue button with the text "Login" in white.

The employee can sign in using their credentials, after logging in they are taken to employee dashboard-



The image shows an employee dashboard on a black background. At the top left, it says "Welcome User," in blue. Below this, there are two blue buttons: "Add a Movie" and "Add Offers", both with white text. In the bottom right corner, there is a blue button with the text "Log Out" in white. In the bottom left corner, it says "Advantage Code: #97268" in blue.

Now the employee can choose between adding a movie or an offer, if they click on Add a Movie the following form appears-



Add Movie

Name of Movie:

Description of Movie:

Movie Certification: ☐ A ☐ UA ☐ U

Movie Thumbnail:

Trailer Link:

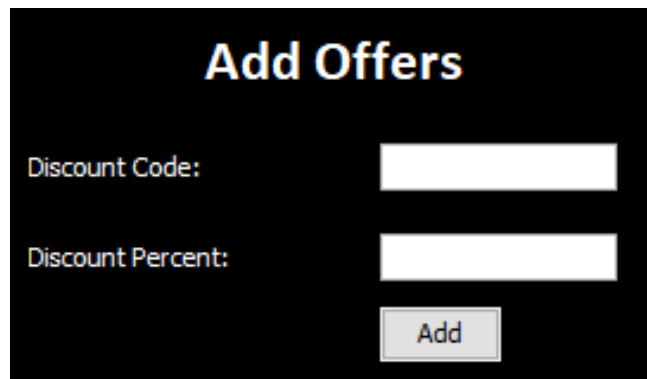
Rating:

Duration:

Language:

After entering the data in all field the employee can click on Add button which will add the details in a 'movies' table in the database and will also take them back to Dashboard.

If the employee were to select Add Offers it would have opened the following page-

A screenshot of a web form titled "Add Offers" in a bold, black font. The form has a light gray background. It contains two input fields: "Discount Code:" and "Discount Percent:", both with light gray borders. Below these fields is a blue button with the text "Add" in white. The entire form is centered on the page.

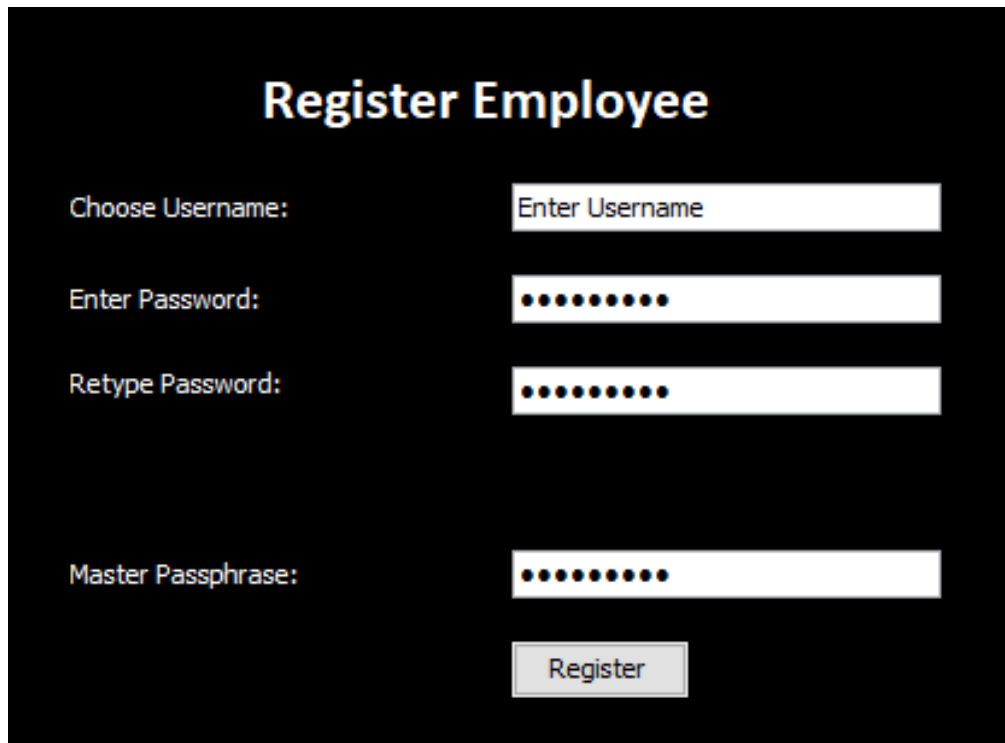
Add Offers

Discount Code:

Discount Percent:

The employee can add an offer in the database by filling details and clicking add button which will also take him back to Dashboard from where they can log out if they wish to.

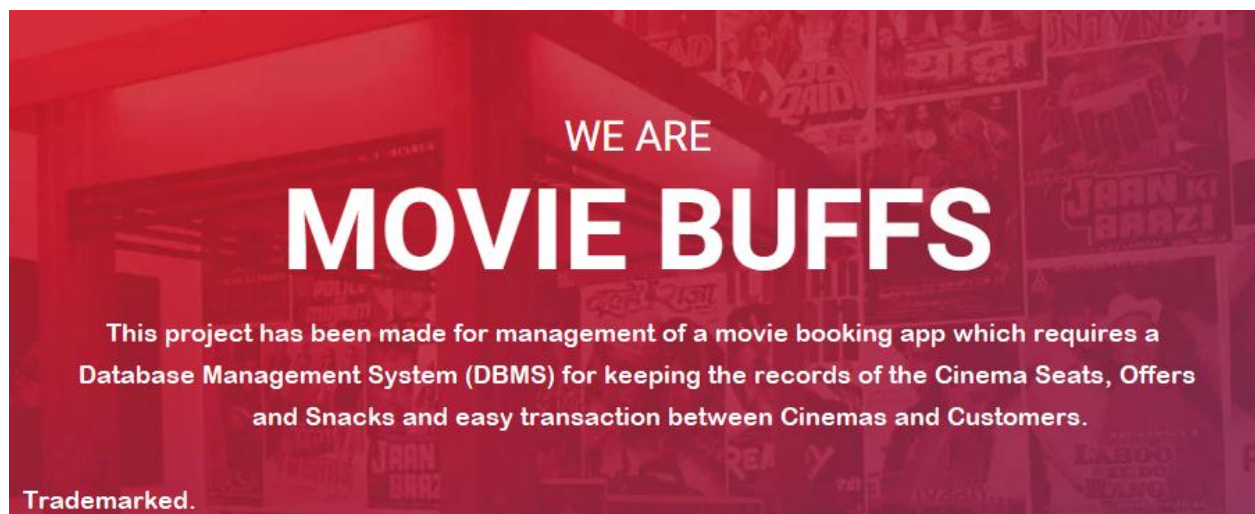
A new employee can be added by clicking on Register under Employee menu, after which the following form appears-

A screenshot of a web form titled "Register Employee" in a bold, black, sans-serif font. The form is set against a light gray background. It contains four input fields, each with a label to its left: "Choose Username:" followed by a text box containing the placeholder "Enter Username"; "Enter Password:" followed by a password box with ten black dots; "Retype Password:" followed by another password box with ten black dots; and "Master Passphrase:" followed by a password box with ten black dots. Below these fields is a blue button with the word "Register" in white text.

After entering details and the master passphrase the admin can add a new Employee who has privileges of adding new movies and offers by clicking on the Register button. After clicking on register button the

Employee is automatically logged in and taken to Employee Dashboard window.

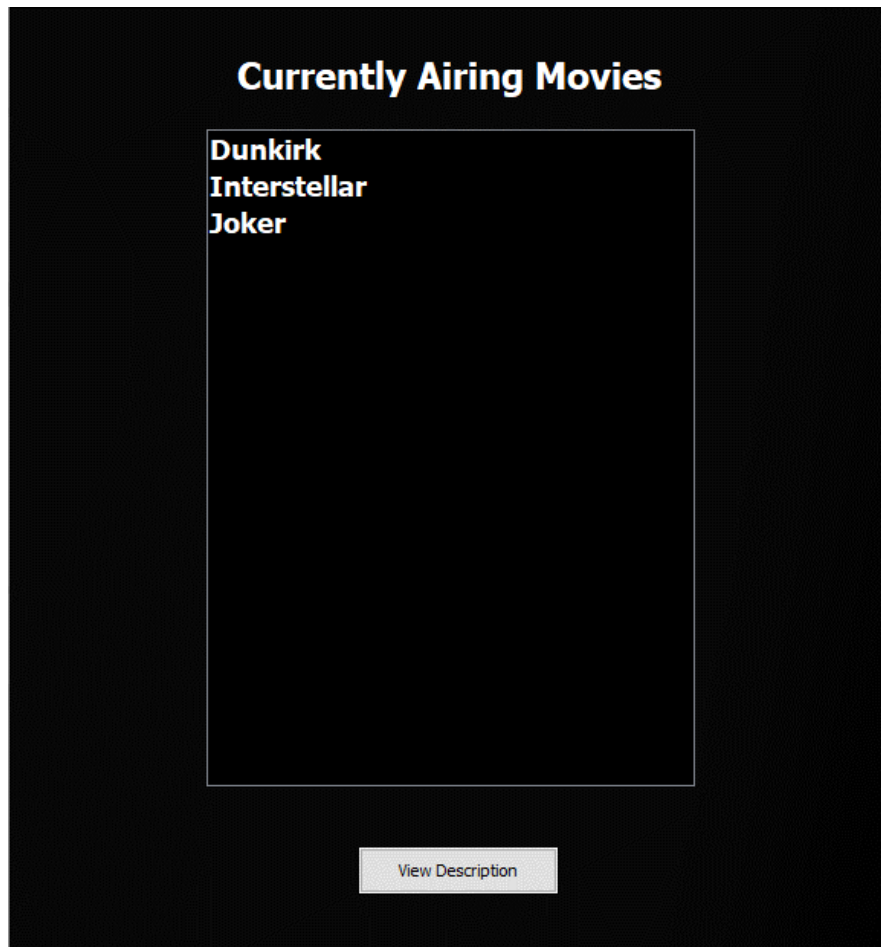
If the user clicks on About menu the following page appears which explains the thinking, aim and goals of this software-



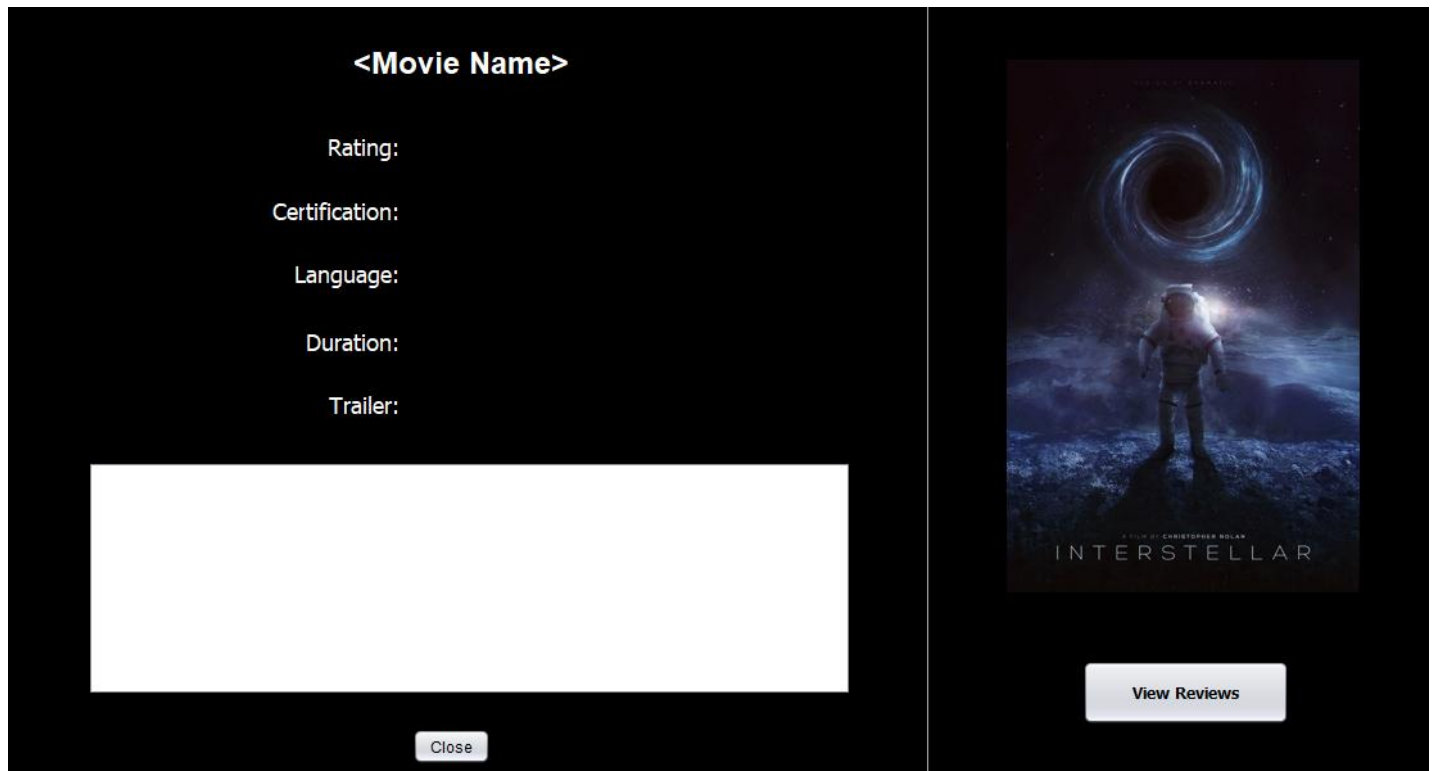
If the user clicks on View Offers menu the following page appears displaying the ongoing discounts-



If the user selects View Movies under customer menu, they are taken to this form-



They can choose a movie and view it's description



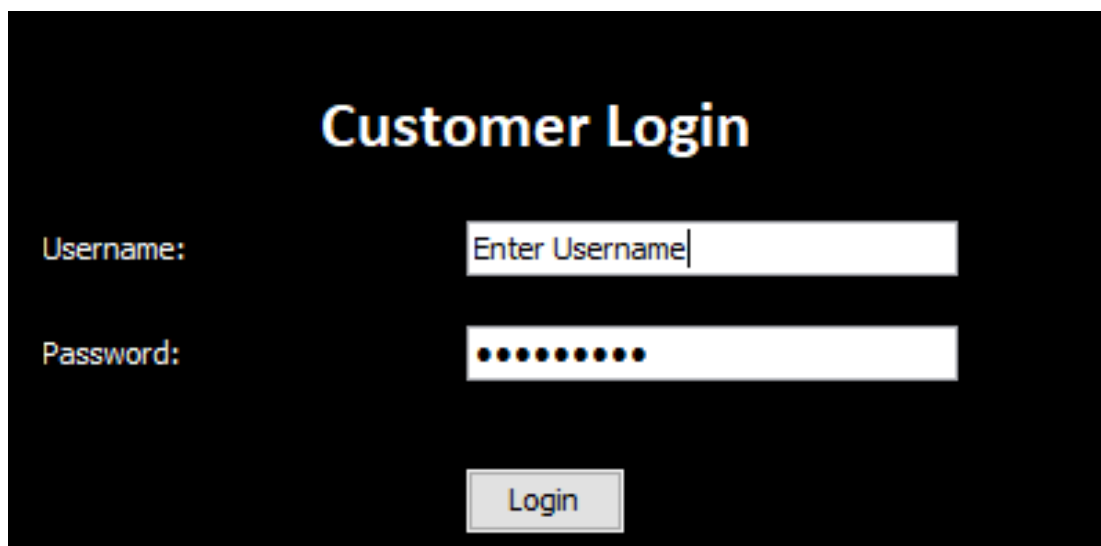
Where the user can access all details about currently airing movies.

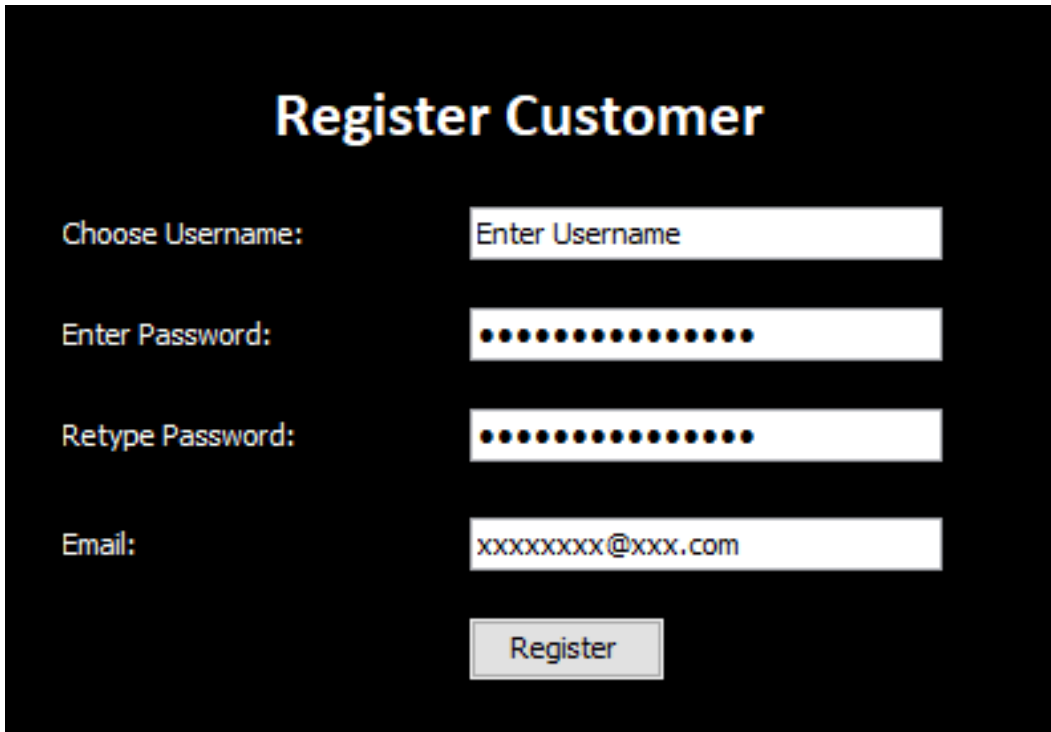
Further, if the user clicks on View Reviews they are taken to the following page can see all the reviews added by other members of this community.



After clicking close button the user can return to Homepage.

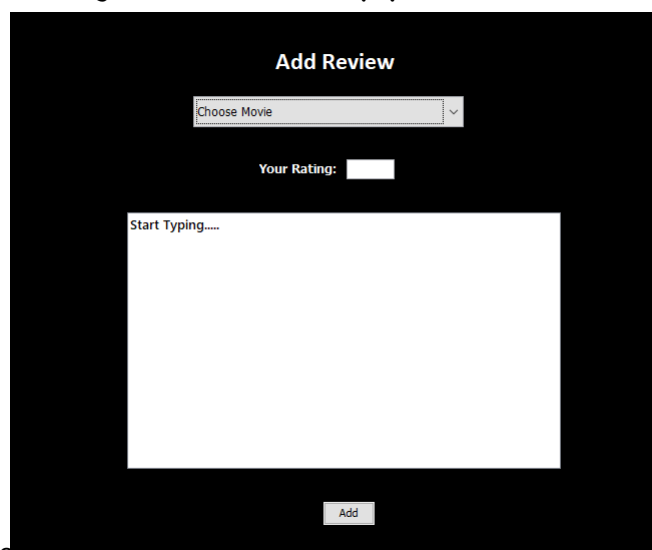
From the homepage the new users can register themselves and the old ones can login to their accounts by using Login and Register options under Customer menu.

A screenshot of a 'Customer Login' form. The title 'Customer Login' is centered at the top in a bold, white font. Below the title, there are two input fields. The first is labeled 'Username:' and contains the placeholder text 'Enter Username'. The second is labeled 'Password:' and contains ten black dots, indicating a password field. Below these fields is a 'Login' button with a light blue background and a dark blue border.



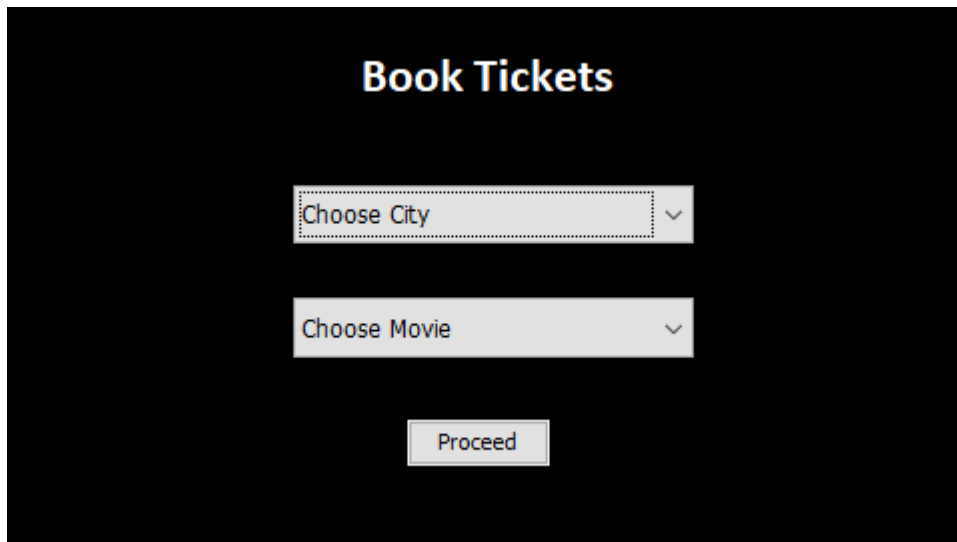
The image shows a registration form titled "Register Customer" on a black background. The form contains four input fields: "Choose Username:" with a placeholder "Enter Username", "Enter Password:" with masked characters, "Retype Password:" with masked characters, and "Email:" with a placeholder "xxxxxxxxx@xxx.com". A "Register" button is located at the bottom.

After being logged in the customer can now add their experiences and critique a movie by clicking on Add Review option under Customer Menu. After clicking on it following window appears-



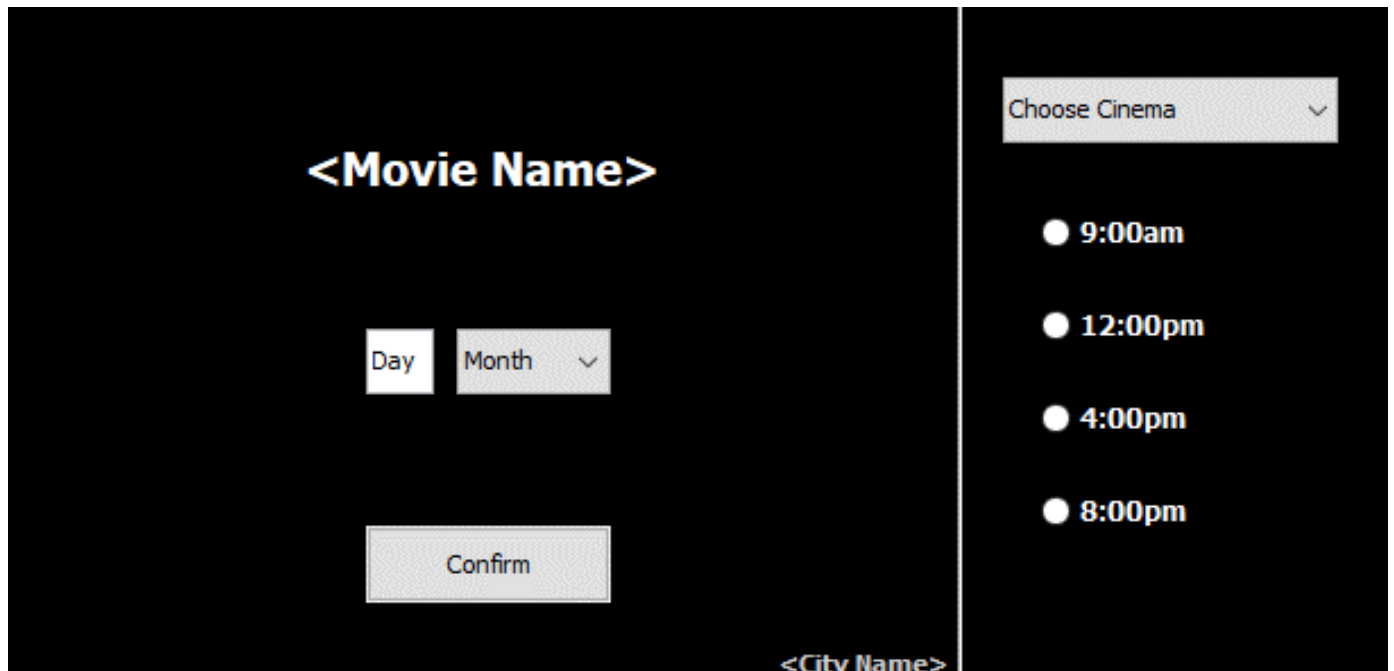
The image shows an "Add Review" form on a black background. It includes a "Choose Movie" dropdown menu, a "Your Rating:" field with a star icon, a text area labeled "Start Typing.....", and an "Add" button at the bottom.

Also from the homepage the customer can book movie tickets by clicking on Book Tickets option under Customer Menu. After clicking on it following window appears-



The screenshot displays a dark-themed window titled "Book Tickets" in white text. Below the title, there are two light gray dropdown menus. The first menu is labeled "Choose City" and the second is labeled "Choose Movie", both in blue text. Each menu has a small downward arrow icon on its right side. Below these two menus is a light gray button with the word "Proceed" in black text.

The customer can choose their city and the movie they want to watch using the combo boxes. On clicking on Proceed, the following window opens



The screenshot shows a confirmation window for a movie ticket booking. The window has a dark background. On the left side, there is a large text field labeled "<Movie Name>". Below it, there are two smaller text fields: "Day" and "Month", followed by a dropdown arrow. At the bottom left, there is a "Confirm" button. On the right side, there is a "Choose Cinema" dropdown menu. Below it, there are four radio button options for showtimes: "9:00am", "12:00pm", "4:00pm", and "8:00pm". At the bottom right, there is a text field labeled "<City Name>".

The customer can choose the cinema they want to watch in and choose when to watch the movie. On clicking Confirm, the following form opens

SCREEN THIS SIDE

14 seats in 2 rows

14 seats in 2 rows

14 seats in 2 rows

Select

The customer can choose their seats by clicking on the available (green) seats, On clicking Select, the following form opens

Order Snacks

Snacks:

- Hot Dog
- Pizza
- Burger
- French Fries
- Sandwich
- Nachos

Beverages:

- Soft Drinks
- Iced Tea
- Hot Chocolate
- Cold Coffee
- Hot Coffee
- Bottled Water

Popcorn:

- Caramel
- Tomato
- Salted
- Buttered
- Cheese&Mayo
- Plain

Combos:

- Nachos+A Drink
- Popcorn+A Drink
- Sandwich+A Drink
- Pizza+A Drink
- Burger+A Drink
- Hot Dog+A Drink

☒ Large

☐ Medium

☐ Small

Cost per Item: ₹

Select Quantity:

Total Cost: ₹

Add Item(s)

Items:	Size:	Quan:	Total Cost:
<div></div>	<div></div>	<div></div>	<div></div>

Remove Selection

Total Amount: ₹

Confirm

The customer can select items and the respective quantities and add them to the bill on the right column

Order Snacks

Snacks: Hot Dog, Pizza, Burger, French Fries, Sandwich, Nachos

Beverages: Soft Drinks, Iced Tea, Hot Chocolate, Cold Coffee, Hot Coffee, Bottled Water

Popcorn: Caramel, Tomato, Salted, Buttered, Cheese&Mayo, Plain

Combos: Nachos+A Drink, Popcorn+A Drink, Sandwich+A Drink, Pizza+A Drink, Burger+A Drink, Hot Dog+A Drink

☒ Large ☐ Medium ☒ Small

Cost per Item: ₹ 160.0

Select Quantity:

Total Cost: ₹ 160.0

Items:	Size:	Quan:	Total Cost:
Iced Tea	M	2	270.0
Sandwich+A Drink	S	2	320.0
Sandwich+A Drink	S	1	160.0

Total Amount: ₹ 750.0

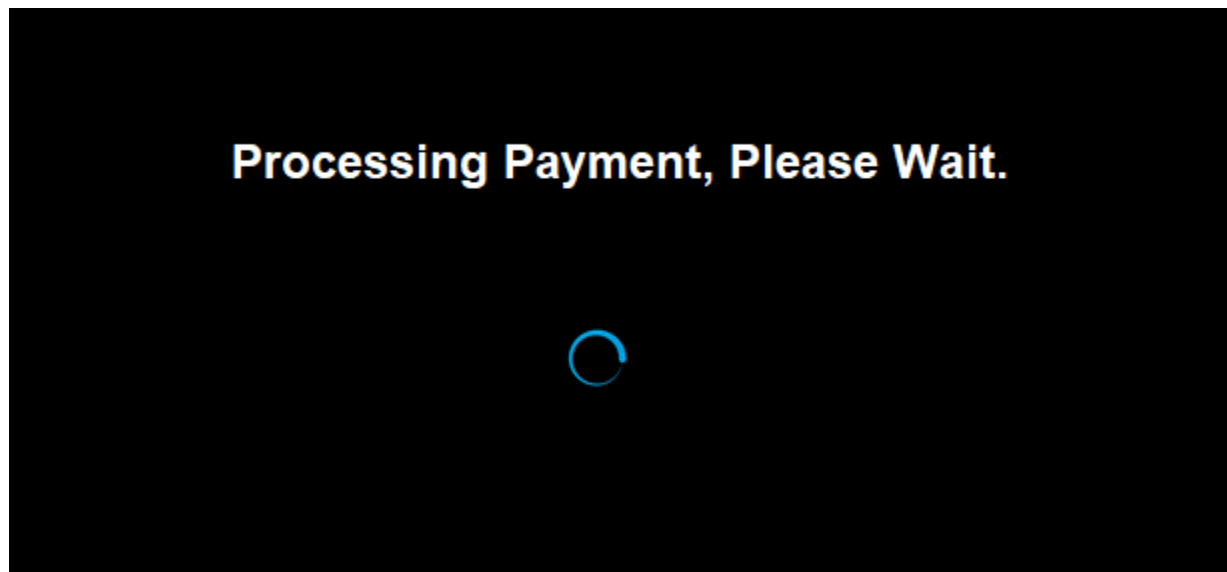
The customer can also remove items from the bill by pressing the remove button. After confirming their order, the customer can press the Confirm button to go to the next form

The screenshot shows a dark-themed 'ORDER SUMMARY' form. It is divided into two columns: 'Tickets:' and 'Snacks:'. Under 'Tickets:', there are three input fields: 'No. of Tickets Bought' (empty), 'Price per Ticket in ₹:' (containing '150'), and 'Total Cost of Tickets in ₹:' (empty). Under 'Snacks:', there is one input field: 'Total Cost of Snacks in ₹:' (empty). At the bottom right, there is a 'GRAND TOTAL:' label followed by an empty input field. A blue 'Okay' button is centered at the bottom of the form.

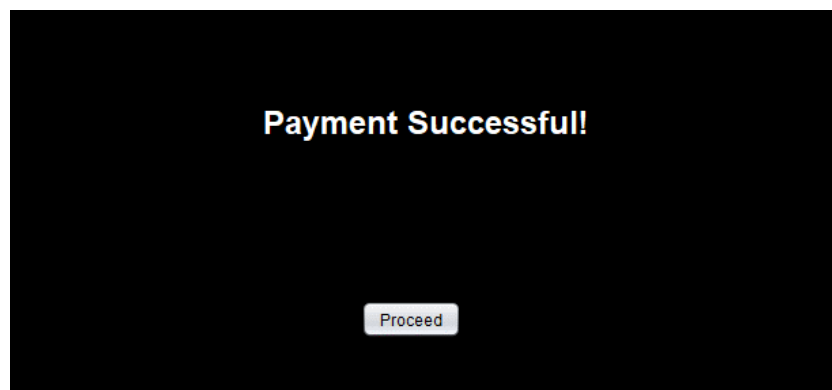
This form is the final bill. After confirming the bill, the customer can press Okay to proceed to the next form

The screenshot shows a dark-themed payment confirmation form. At the top, it displays 'Total: ₹ 1000' in green text. Below this, the heading 'Choose Payment Method:' is followed by four radio button options: 'Pay on Arrival', 'Credit/Debit Card', 'NetBanking', and 'Third party payment methods'. Below the radio buttons is a dropdown menu labeled 'Select Service' with a downward arrow. At the bottom center, there is a blue 'Confirm' button.

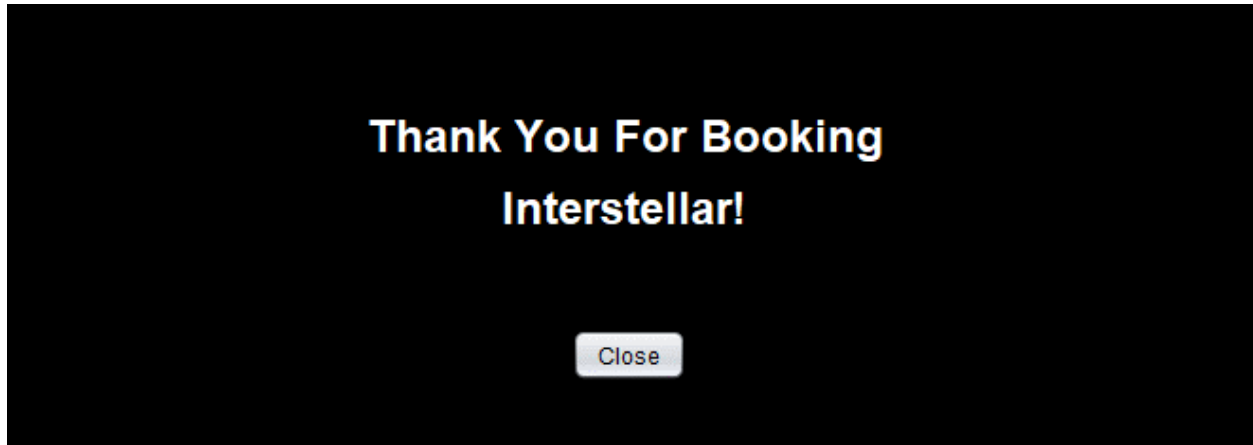
The customer can pay using their convenient payment method, and click on Confirm after they pay



The Payment will be processed by Tint and after successful payment, the next screen will be displayed automatically



The customer can click on Proceed to go to the next form

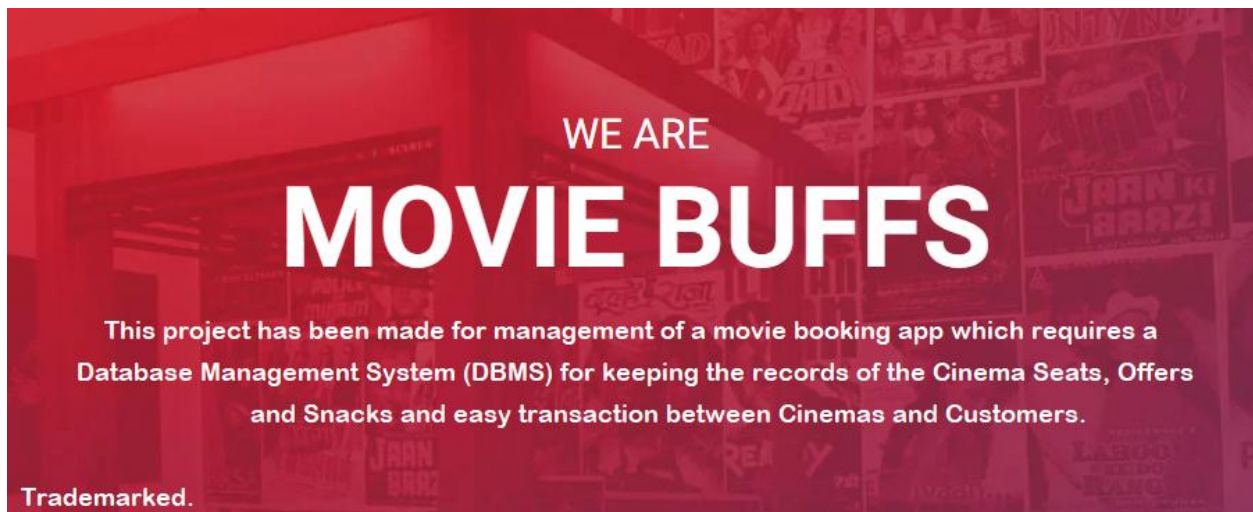


The final form is a Thank You form.

6. Source Code of the Project

Source code of the various forms is as given below:

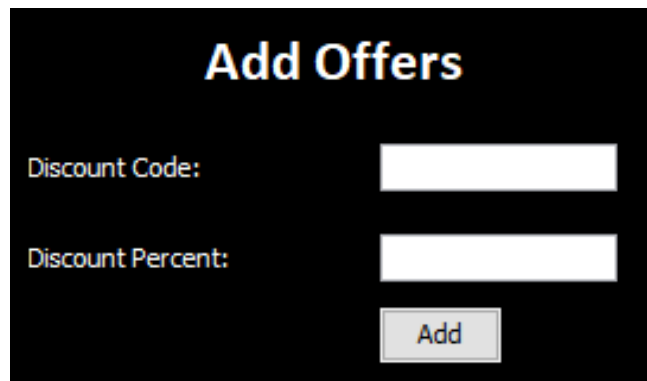
1) About Page



```
private void jLabel1MouseClicked(java.awt.event.MouseEvent evt) {  
this.dispose();          // TODO add your handling code here:  
}  
private void jLabel2MouseClicked(java.awt.event.MouseEvent evt) {  
this.dispose();          // TODO add your handling code here:  
}  
private void jLabe31MouseClicked(java.awt.event.MouseEvent evt) {
```

```
this.dispose();          // TODO add your handling code here:
    }
    private void jLabel14MouseClicked(java.awt.event.MouseEvent evt) {
this.dispose();          // TODO add your handling code here:
    }
    private void jLabel15MouseClicked(java.awt.event.MouseEvent evt) {
this.dispose();          // TODO add your handling code here:
    }
```

2)Add Offer



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

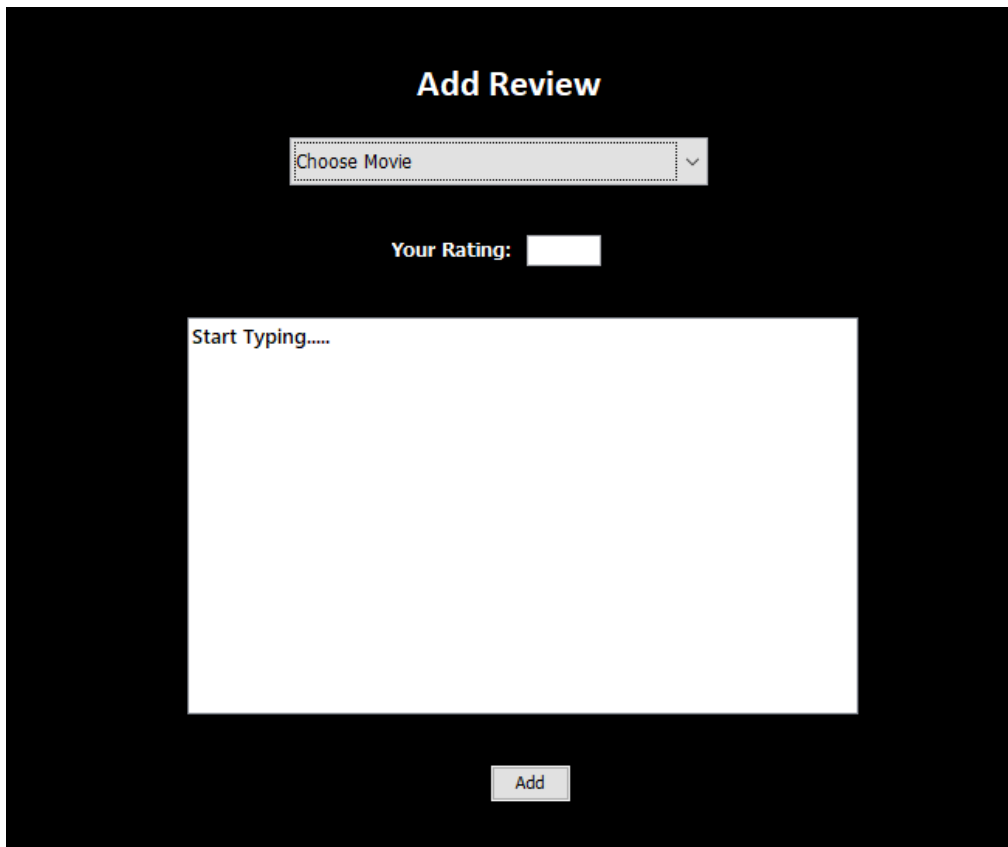
    /**
     * Creates new form AddOffer
     */
    public AddOffer() {
        initComponents();
        c.setVisible(false);
    }

    public AddOffer(String user1,int advn1){
        initComponents();
```

```
        c.setText(""+user1);
        z.setText(""+advn1);
    }
    private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
        String code = dscc.getText().toString();
        System.out.println(""+code);
        String per = dscp.getText().toString();
        System.out.println(""+per);
        try{
            Class.forName("java.sql.DriverManager");
            Connection
con=DriverManager.getConnection("jdbc:mysql://localhost:3306/kleon","r
oot","pgo95493");
            try {
                String sql;
                String user = c.getText();
                int advn = Integer.parseInt(z.getText());
                sql = "insert into
offers(EmpUsername,DiscountCode,DiscountPercent) values('"+ user
+"','"+code+"','"+per+"')";
                Statement st1 = con.createStatement();
                int row = st1.executeUpdate(sql);
                JOptionPane.showMessageDialog(this, "You have
successfully added the offer!");
                new EmployeeDashboard(user,advn).setVisible(true);
                this.dispose();
            }
            catch(Exception e){
                JOptionPane.showMessageDialog(this,"Error:
"+e.getMessage());
            }
        }
    }
}
```

```
        }  
    }  
    catch(Exception e){  
        JOptionPane.showMessageDialog(null,"Error: "+e.getMessage());  
    }  
}
```

3) Add Review



The screenshot shows a dark-themed window titled "Add Review". At the top, there is a dropdown menu labeled "Choose Movie". Below this, the text "Your Rating:" is followed by a small, empty rectangular input field. Underneath the rating field is a large, white rectangular text area with the placeholder text "Start Typing.....". At the bottom center of the window is a small, light-colored button labeled "Add".

```
public class AddReview extends javax.swing.JFrame {  
    public AddReview(String custid){  
  
        }  
    /**  
     * Creates new form AddReview  
     */  
    public AddReview() {  
        initComponents();  
  
        try {  
  
            Connection con =  
DriverManager.getConnection("jdbc:mysql://localhost:3306/kleon",  
"root", "pgo95493");  
  
            Class.forName("java.sql.DriverManager");  
  
            String sql;  
  
            sql = " select MovieName,MovieID from movies where  
MovieId>0 order by MovieId asc";  
            System.out.println("" + sql);  
  
            Statement st = con.createStatement();  
            ResultSet rs = st.executeQuery(sql);
```



```
        if (!rs.next()) {
            JOptionPane.showMessageDialog(null, "No Movies in
Database");
        } else {
            rs.previous();
            while (rs.next()) {

                CM.addItem(rs.getString("MovieName"));
                System.out.println("" +
rs.getString("MovieName"));

            }
        }
    } catch (ClassNotFoundException | SQLException |
HeadlessException e) {
        JOptionPane.showMessageDialog(null, "Error: " +
e.getMessage());
    }
}

private void RevMousePressed(java.awt.event.MouseEvent evt) {
    if (Rev.getText().equals("Start Typing.....")) {
        Rev.setText("");
    }
    // TODO add your handling code here:
}
```

```
private void jButton1ActionPerformed(java.awt.event.ActionEvent
evt) {
    if (CM.getSelectedIndex() == 0) {
        JOptionPane.showMessageDialog(this, "Please select a movie
first");
    } else {
        int mrid;
        //Add code to connect to mysql
        String custid = "";
        int MovieId = CM.getSelectedIndex();
        String reviewtxt = Rev.getText();
        String rating = rat.getText();
        try {
            Class.forName("java.sql.DriverManager");
            Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/kleon",
"root", "pgo95493");
            String sql, sql2, sql3;
            sql2 = "select max(MovRevId) from reviews where
MovieId=" + MovieId;
            sql3 = "select max(ReviewId) from reviews";
            System.out.println(""+sql2);
            System.out.println(""+sql3);
            Statement st2 = con.createStatement();
            ResultSet rs2 = st2.executeQuery(sql2);

            Statement st3 = con.createStatement();
            ResultSet rs3 = st3.executeQuery(sql3);

            String sql4 = "select CustUserName from temp";
```

```
        System.out.println(""+sql4);

        if (!rs2.next()) {
            mrid = 1;
        } else {

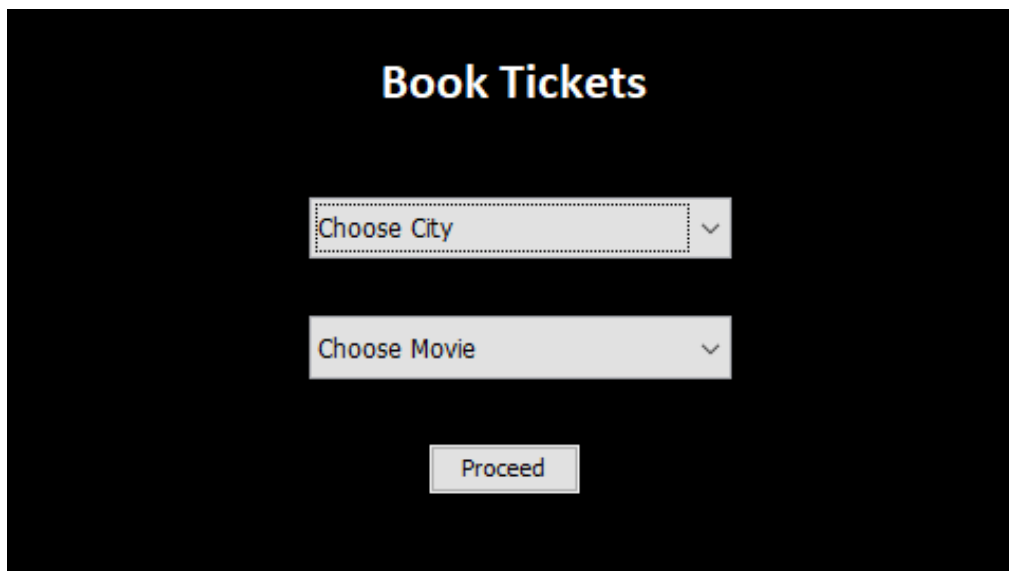
            mrid =
Integer.parseInt(rs2.getString("max(MovRevId)")) + 1;
        }
        rs3.next();
        int revid =
Integer.parseInt(rs3.getString("max(ReviewId)")) + 1;
        Statement st4 = con.createStatement();
        ResultSet rs4 = st2.executeQuery(sql4);
        rs4.next();
        custid=rs4.getString("CustUsername");
        System.out.println("" + revid);
        System.out.println("" + custid);
        System.out.println("" + MovieId);
        System.out.println("" + rating);
        System.out.println("" + mrid);
        System.out.println("" + sql2);
        System.out.println("" + sql3);

        sql = "insert into reviews values(" + revid + "," +
custid + "," + MovieId + "," + reviewtxt + "," + rating + "," +
mrid + ")";

        System.out.println("" + sql);
        Statement st = con.createStatement();
        st.executeUpdate(sql);
```

```
        JOptionPane.showMessageDialog(this, "Your review was  
succesdfully added");  
    } catch (ClassNotFoundException | SQLException |  
NumberFormatException | HeadlessException e) {  
        JOptionPane.showMessageDialog(null, "Error: " +  
e.getMessage());  
    }  
    this.dispose();  
}  
}
```

4) Book Ticket



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

```
/**
 * Creates new form BookTicket
 */

public BookTicket() {
    initComponents();
}

public BookTicket(String custid) {
    initComponents();
    Custid.setText("" + custid);
    try {

        Class.forName("java.sql.DriverManager");
        Connection con =
        DriverManager.getConnection("jdbc:mysql://localhost:3306/kleon",
        "root", "pgo95493");

        String sql, sql2;

        sql = " select MovieName,MovieID from movies where
        MovieId>0 order by MovieId asc";

        System.out.println("" + sql);

        Statement st = con.createStatement();
        ResultSet rs = st.executeQuery(sql);

        if (!rs.next()) {
            JOptionPane.showMessageDialog(null, "No Movies in
Database");
        } else {
            rs.previous();
            while (rs.next()) {

                CM.addItem(rs.getString("MovieName"));
                System.out.println("" +
rs.getString("MovieName"));

            }
        }
    }
}
```

```
        }
        } catch (ClassNotFoundException | SQLException |
HeadlessException e) {
            JOptionPane.showMessageDialog(null, "Error: " +
e.getMessage());
        }
    }
}
private void jButton1ActionPerformed(java.awt.event.ActionEvent
evt) {
    int a, b;
    a = CM.getSelectedIndex();
    b = CC.getSelectedIndex();
    if (b == 0) {
        JOptionPane.showMessageDialog(this, "Choose a City
first!");
    } else if (a == 0) {
        JOptionPane.showMessageDialog(this, "Choose a Movie
first!");
    } else {
        System.out.println("" + a);
        System.out.println("" + b);

        String City = CC.getSelectedItem().toString();
        String Movie = CM.getSelectedItem().toString();
        System.out.println(""+City);
        System.out.println(""+Movie);
        String custid=Custid.getText();
        new BookTickets2(City, Movie,
custid).setVisible(true);
        System.out.println("t1 "+custid);
        this.dispose();
    }
}
```

5) Book Ticket 2

The screenshot shows a Java Swing window titled "Book Ticket 2". The window is divided into two main sections. The left section has a dark blue background and contains a text field for "<Movie Name>", two smaller text fields for "Day" and "Month" (the "Month" field has a dropdown arrow), and a "Confirm" button at the bottom. The right section has a white background and contains a "Choose Cinema" dropdown menu, four radio buttons for movie times (9:00am, 12:00pm, 4:00pm, 8:00pm), and a text field for "<City Name>" at the bottom right.

```
public class BookTickets2 extends javax.swing.JFrame {

    /**
     * Creates new form BookTickets2
     */
    public BookTickets2() {
        initComponents();
    }

    public BookTickets2(String City, String Movie, String custid)
    {
        initComponents();
        Mo.setText(Movie);
        Ci.setText(City);
        Custid.setText("" + custid);
    }

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

        String c = jTextField1.getText();
        if (c.equals("") || c.equals("Choose Date")) {
```

```

        da = 0;
    } else {
        da = Integer.parseInt(c);
    }
    if (CiCo.getSelectedIndex() == 0) {
        JOptionPane.showMessageDialog(this, "Please select a
cinema first!");
    } else if (da <= 0 || da > 31) {
        JOptionPane.showMessageDialog(this, "Please Choose a
Valid Date!");
    } else if (jComboBox1.getSelectedIndex() == 0) {
        JOptionPane.showMessageDialog(this, "Please Select a
Month!");
    } else if (T1.isSelected() == false && T2.isSelected() ==
false && T3.isSelected() == false && T4.isSelected() == false) {
        JOptionPane.showMessageDialog(this, "Please select a
time first!");
    } else {
        int ciid = CiCo.getSelectedIndex();
        int tiid = 1;
        if (T1.isSelected() == true) {
            tiid = 1;
        } else if (T2.isSelected() == true) {
            tiid = 2;
        } else if (T3.isSelected() == true) {
            tiid = 3;
        } else if (T4.isSelected() == true) {
            tiid = 4;
        }
        String tiid1 = ""+tiid;
        String ciid1 = ""+ciid;
        System.out.println("" + tiid1);
        System.out.println("" + ciid1);
        System.out.println("" + da);
        System.out.println("" +
jComboBox1.getSelectedIndex());
        String custid = Custid.getText();
        String dat = "";
        if (da < 10) {
            dat = "0" + da;
        } else {
            dat = "" + da;
        }

        String MovName = Mo.getText();
        try {

```



```
        Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/kleon",
"root", "pgo95493");

        Class.forName("java.sql.DriverManager");

        String sql4;

        sql4 = " select MovieID from movies where
MovieName='" + MovName + "'";
        System.out.println(""+sql4);
        Statement st4 = con.createStatement();
        ResultSet rs4 = st4.executeQuery(sql4);
        rs4.next();
        int MovieId =
Integer.parseInt(rs4.getString("MovieID"));

        String month;
        int lmn = jComboBox1.getSelectedIndex();
        if (lmn < 10) {
            month = "0" + lmn;
        } else {
            month = "" + lmn;
        }

        String Show = tiid1 + ciid1 + dat + month +
MovieId;

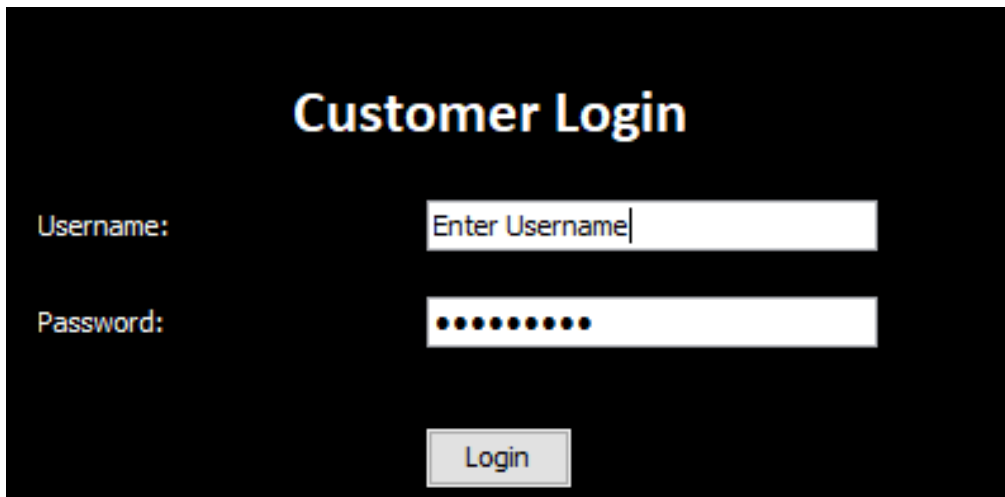
        long ShowId = Long.parseLong(Show);
        System.out.println(""+ShowId);
        System.out.println(""+Show);

        String sql8="Update temp set ShowId='"+ShowId+"',
MovieId='"+MovieId+"', MovieName='"+MovName+" where
CustUsername='"+custid+"'";
        Statement st8=con.createStatement();
        st8.executeUpdate(sql8);
        System.out.println(""+sql8);

        new selectseat(custid, ShowId).setVisible(true);
```

```
        } catch (ClassNotFoundException | SQLException |  
HeadlessException e) {  
            JOptionPane.showMessageDialog(null, "Error: " +  
e.getMessage());  
        }  
    }  
    private void jTextField1MousePressed(java.awt.event.MouseEvent  
evt) {  
        jTextField1.setText("");          // TODO add your handling  
code here:  
    }
```

6) Customer Login



```
public class CustomerLogin extends javax.swing.JFrame {  
    /**  
     * Creates new form CustomerLogin  
     */  
    public CustomerLogin() {
```

```

        initComponents();
    }
    private void PasswMousePressed(java.awt.event.MouseEvent evt) {
        // TODO add your handling code here:
        Passw.setText("");
        User.setText("");
    }

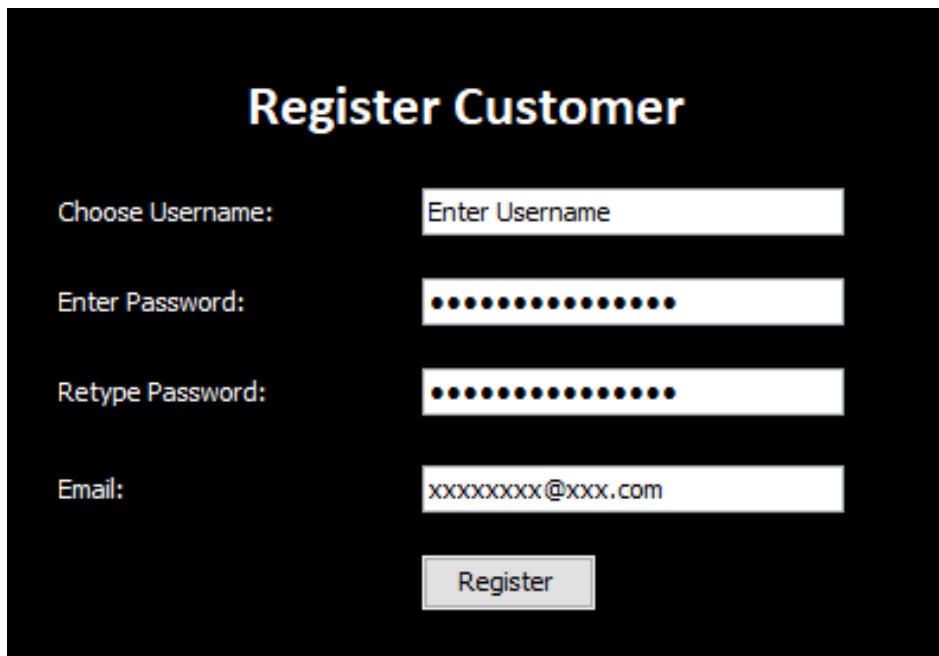
    private void UserMousePressed(java.awt.event.MouseEvent evt)
    {
        // TODO add your handling code here:
        User.setText("");
        Passw.setText("");
    }

    private void
    jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
        try {
            Class.forName("java.sql.DriverManager");
            Connection con =
            DriverManager.getConnection("jdbc:mysql://localhost:3306/kleon",
            "root", "pgo95493");
            String user, sql;
            user = User.getText();
            sql = "select * from customer where CustUsername='" +
            user + "'";
            Statement st = con.createStatement();
            ResultSet rs = st.executeQuery(sql);
            if (!rs.next()) {
                JOptionPane.showMessageDialog(null, "No such
            username exists!");
            } else {
                String Pass = rs.getString("CustPassword");
                String pass = Passw.getText();
                if (Pass.equals(pass)) {
                    JOptionPane.showMessageDialog(this, "You have
            successfully logged in!");
                    new Start(user).setVisible(true);
                    this.dispose();
                } else {
                    JOptionPane.showMessageDialog(this, "Password
            is Incorrect!");
                }
            }
        }
    }
}

```

```
        } catch (Exception e) {  
            JOptionPane.showMessageDialog(null, "Error " +  
e.getMessage());  
        }  
    }  
}
```

7) Customer Registry



Register Customer

Choose Username:

Enter Password:

Retype Password:

Email:

```
public class CustomerRegistry extends javax.swing.JFrame {  
  
    /**  
     * Creates new form CustomerRegistry  
     */  
    public CustomerRegistry() {  
        initComponents();  
    }  
}
```

```
private void UserMousePressed(java.awt.event.MouseEvent evt) {
    // TODO add your handling code here:
    User.setText("");
}

private void mail1MousePressed(java.awt.event.MouseEvent evt)
{
    // TODO add your handling code here:
    mail1.setText("");
}

private void
jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    String user,pass,pass1,mail;
    user = User.getText();
    pass = Pass.getText();
    pass1 = Pass1.getText();
    mail = mail1.getText();

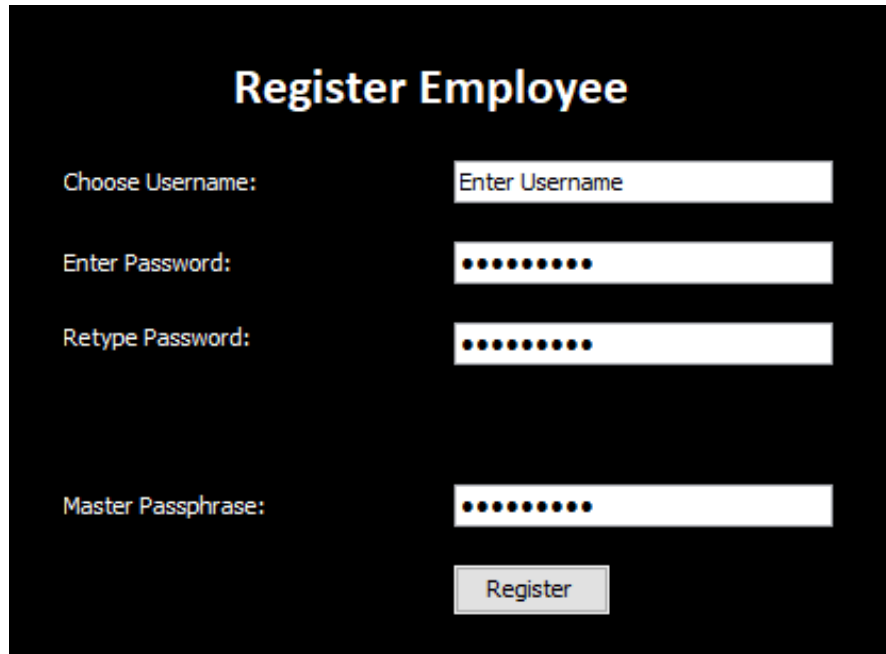
    try{
        Class.forName("java.sql.DriverManager");
        Connection
con=DriverManager.getConnection("jdbc:mysql://localhost:3306/kleo
n","root","pgo95493");
        String sql1;
        sql1="select * from customer where
CustUsername='"+user+"' || Mail='"+mail+"'";
        Statement st=con.createStatement();
        ResultSet rs=st.executeQuery(sql1);
        if(!rs.next()){
            if(pass.equals(pass1)){
                try {
                    String sql;
                    sql = "insert into
customer(CustUsername,CustPassword,Mail) values('"+ user
+"','"+pass+"','"+mail+"')";
                    Statement st1 = con.createStatement();
                    int row = st1.executeUpdate(sql);
                    JOptionPane.showMessageDialog(this, "You have
successfully registered!");
                    new Start(user).setVisible(true);
                    this.dispose();
                }
                catch(Exception e){
```

```
                JOptionPane.showMessageDialog(this,"Error:
"+e.getMessage());
            }
            }else{
                JOptionPane.showMessageDialog(this, "Make sure
the passwords match!");
            }
        }
        else{
            JOptionPane.showMessageDialog(this,"Account with this
username or mail already exists!");
        }
    }
    catch(Exception e){
        JOptionPane.showMessageDialog(null,"Error:
"+e.getMessage());
    }
}

private void PassMousePressed(java.awt.event.MouseEvent evt)
{
    // TODO add your handling code here:
    Pass.setText("");
}

private void Pass1MousePressed(java.awt.event.MouseEvent evt)
{
    // TODO add your handling code here:
    Pass1.setText("");
}
```

8) Employee Registry



Register Employee

Choose Username:

Enter Password:

Retype Password:

Master Passphrase:

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

    /**
     * Creates new form EmployeeRegistry
     */
    public EmployeeRegistry() {
        initComponents();
    }
    private void PassMousePressed(java.awt.event.MouseEvent evt) {
        // TODO add your handling code here:
        Pass.setText("");
    }
}
```

```
private void UserMousePressed(java.awt.event.MouseEvent evt) {
    // TODO add your handling code here:
    User.setText("");
}

private void Pass1MousePressed(java.awt.event.MouseEvent evt) {
    // TODO add your handling code here:
    Pass1.setText("");
}

private void masterMousePressed(java.awt.event.MouseEvent evt) {
    // TODO add your handling code here:
    master.setText("");
}

private void jButton1ActionPerformed(java.awt.event.ActionEvent
evt) {
    // TODO add your handling code here:
    String user,pass,pass1;
    user = User.getText();
    pass = Pass.getText();
    pass1 = Pass1.getText();

    try{
        Class.forName("java.sql.DriverManager");
        Connection
con=DriverManager.getConnection("jdbc:mysql://localhost:3306/mp","root
","");

        int advn = (int) Math.random();
```



```
String sql1;
sql1="select * from employee where AdvantageCode="+advn;
Statement st=con.createStatement();
ResultSet rs=st.executeQuery(sql1);
if(!rs.next())
    advn = advn;
else{
    advn = (int) Math.random();
}
if(master.getText().equals("master")){
    if(pass.equals(pass1)){
        try {
            String sql;
            sql = "insert into
employee(EmpUsername,EmpPassword,AdvantageCode) values('"+ user
+"', '"+pass+"', "+advn+"))";
            Statement st1 = con.createStatement();
            int row = st1.executeUpdate(sql);
            JOptionPane.showMessageDialog(this, "You have
successfully registered!");
            new EmployeeDashboard(user,advn).setVisible(true);
            this.dispose();
        }
        catch(Exception e){
            JOptionPane.showMessageDialog(this,"Error:
"+e.getMessage());
        }
    }else{
        JOptionPane.showMessageDialog(this, "Make sure the
passwords match!");
    }
}
```

```
    }  
    else{  
        JOptionPane.showMessageDialog(this,"Account with this username  
or mail already exists!");  
    }  
}  
catch(Exception e){  
    JOptionPane.showMessageDialog(null,"Error: "+e.getMessage());  
}  
}
```

9) Employee Add Movie



The screenshot shows a 'Add Movie' form with the following fields and controls:

- Name of Movie:** A text input field.
- Description of Movie:** A large text area for movie details.
- Movie Certification:** Three radio buttons labeled 'A', 'UA', and 'U'.
- Movie Thumbnail:** A text input field.
- Trailer Link:** A text input field.
- Rating:** A dropdown menu currently showing '1'.
- Duration:** A text input field with the placeholder text 'eg. 2h 55min'.
- Language:** A dropdown menu currently showing 'Hindi'.
- Add:** A button at the bottom of the form.

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

    /**
     * Creates new form EmpAddMovie
     */
    public EmpAddMovie() {
        initComponents();
    }

    public EmpAddMovie(String user){
        initComponents();
        if(user == ""){
            new EmployeeLogin().setVisible(true);
            a.setVisible(false);
            a.setText(""+user);
            this.dispose();
        }else{
            a.setVisible(true);
            a.setText(""+user);
        }
    }

    private void dur1MousePressed(java.awt.event.MouseEvent evt) {
        // TODO add your handling code here:
        dur1.setText("");
    }

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

```
private void jButton2ActionPerformed(java.awt.event.ActionEvent
evt) {
    // TODO add your handling code here:
    String name,desc,thumb,trail,rat,dur,lang;
    name = Name.getText();
    desc = Desc.getText();
    thumb = Thumb.getText();
    trail = Trail.getText();
    rat = rat1.getSelectedItem().toString();
    dur = dur1.getText();
    lang = lang1.getSelectedItem().toString();
    try{
        Class.forName("java.sql.DriverManager");
        Connection
con=DriverManager.getConnection("jdbc:mysql://localhost:3306/mp","root
","");
        String sql1;
        sql1="select * from movies where MovieName='"+name+"'";
        Statement st=con.createStatement();
        ResultSet rs=st.executeQuery(sql1);
        String user = a.getText();
        String sql2 = "select * from employee where
EmpUsername='"+user+"'";
        Statement st2 = con.createStatement();
        ResultSet rs2 = st2.executeQuery(sql2);
        rs2.next();
        int advn = rs2.getInt("AdvantageCode");
        System.out.println(""+advn);
//int advn = 0;
        String cert;
```

```
        if(!rs.next()){
            if(mcr1.isSelected()){
                cert = "A";
            }
            else if(mcr2.isSelected()){
                cert = "UA";
            }
            else{
                cert = "U";
            }
            try {
                String sql;
                sql = "insert into
movies(MovieName,MovieThumb,MovieDesc,MovieCertification,MovieTrailer,
MovieRating,MovieDuration,MovieLang) values('"+ name
+"', '"+thumb+"', '"+desc+"', '"+cert+"', '"+trail+"', '"+rat+", '"+dur+"', '"
+lang+"')";

                Statement st1 = con.createStatement();
                int row = st1.executeUpdate(sql);

                JOptionPane.showMessageDialog(this, "You have
successfully added the movie!");

                new EmployeeDashboard(user,advn).setVisible(true);
                this.dispose();

            }
            catch(Exception e){
                JOptionPane.showMessageDialog(this,"Error:
"+e.getMessage());
            }

        }
        else{
```

```
        JOptionPane.showMessageDialog(this,"Movie with this name  
already exists!");  
    }  
    }  
    catch(Exception e){  
        JOptionPane.showMessageDialog(null,"Error: "+e.getMessage());  
    }  
}
```

10) Employee Dashboard



```
public class EmployeeDashboard extends javax.swing.JFrame {  
  
    /**  
     * Creates new form EmpllyeeDashboard  
     */  
    public EmployeeDashboard() {  
        initComponents();  
        temp.setVisible(false);  
    }  
  
    public EmployeeDashboard(String user,int advn){  
        initComponents();  
        if(user.equals("")){
```

```
        new EmployeeLogin().setVisible(true);
        System.exit(0);
    }else{
        emp.setText("Hello, "+user);
        temp.setText(""+user);
        adv.setText("Advantage Code: "+ advn);
        x.setText(""+adv);
    }
}

private void jButton1ActionPerformed(java.awt.event.ActionEvent
evt) {
    // TODO add your handling code here:
    String user = temp.getText();
    new EmpAddMovie(user).setVisible(true);
    this.dispose();
    System.out.println(""+user);
}

private void
jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:

}

private void
jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    new Start().setVisible(true);
}
}
```

11) Employee Login



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

    /**
     * Creates new form EmployeeLogin
     */
    public EmployeeLogin() {
        initComponents();
    }
    private void PasswMousePressed(java.awt.event.MouseEvent evt) {
        // TODO add your handling code here:
        Passw.setText("");
    }

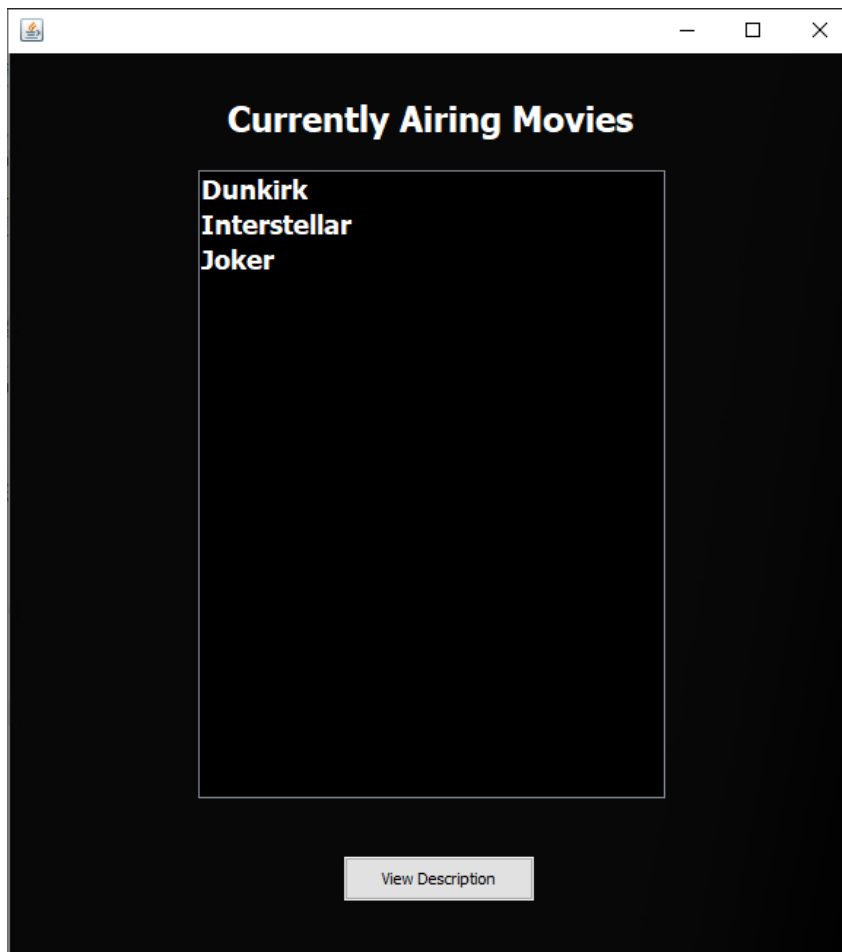
    private void UserMousePressed(java.awt.event.MouseEvent evt)
    {
        // TODO add your handling code here:
        User.setText("");
    }

    private void
    jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
        try{
            Class.forName("java.sql.DriverManager");
            Connection
            con=DriverManager.getConnection("jdbc:mysql://localhost:3306/kleo
            n","root","pgo95493");
            String user,sql;
            user=User.getText();
            sql="select* from employee where EmpUsername='"+user+"'";
            Statement st=con.createStatement();
            ResultSet rs=st.executeQuery(sql);
            if(!rs.next())
                JOptionPane.showMessageDialog(null,"No such username
            exists!");
            else{
                String Pass = rs.getString("EmpPassword");
                int advn = rs.getInt("AdvantageCode");
                String pass = Passw.getText();
                if(Pass.equals(pass)){
                    JOptionPane.showMessageDialog(this, "You have
            successfully logged in!");
                    new
            EmployeeDashboard(user,advn).setVisible(true);
                    this.dispose();
                }else{
```



```
        JOptionPane.showMessageDialog(this, "Password is  
Incorrect!");  
    }  
    }  
    }  
    catch(Exception e){  
        JOptionPane.showMessageDialog(null,"Error  
"+e.getMessage());  
    }  
}
```

12) Movie List



```
import java.awt.HeadlessException;  
import java.sql.*;  
import javax.swing.DefaultListModel;  
import javax.swing.JOptionPane;  
  
/*  
 * 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.
*/
/**
 *
 * @author gargp
 */
public class MovieList extends javax.swing.JFrame {

    /**
     * Creates new form MovieList
     */
    public MovieList() {
        initComponents();
        String moname = "a";//get movie name from previous form
        try {

            String seats = "NA";
            Class.forName("java.sql.DriverManager");
            Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/kleon",
"root", "pgo95493");

            String sql;
            sql = "select MovieName from movies order by
MovieName";
            Statement st = con.createStatement();
            ResultSet rs = st.executeQuery(sql);
            rs.next();
            DefaultListModel name = new DefaultListModel();
            do {
                name.addElement(rs.getString("MovieName"));
            } while (rs.next());
            Mlist.setModel(name);

        } catch (ClassNotFoundException | SQLException |
HeadlessException e) {
            JOptionPane.showMessageDialog(null, "Error: " +
e.getMessage());
        }
    }

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

```
        if (Mlist.getSelectedIndex() == -1) {
            JOptionPane.showMessageDialog(this, "Please select a
movie");
        } else {
            String Moname = Mlist.getSelectedValue();
            new ViewMovies(Moname).setVisible(true);
            this.dispose();
        } // 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 ("Windows".equals(info.getName())) {

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

                }
            }
        } catch (ClassNotFoundException ex) {

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

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

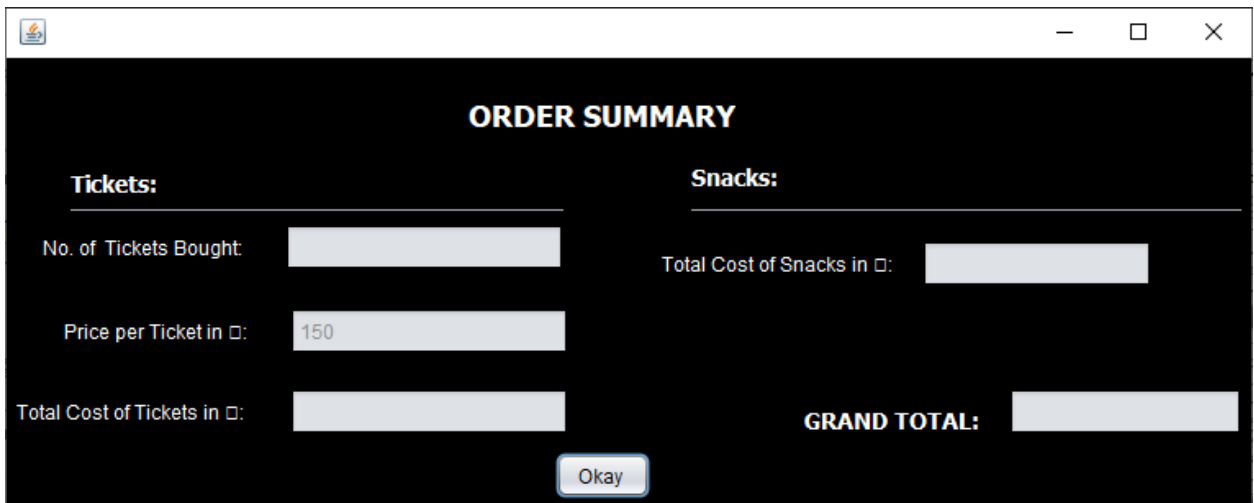
```
java.util.logging.Logger.getLogger(MovieList.class.getName()).log
(java.util.logging.Level.SEVERE, null, ex);
    } catch (javax.swing.UnsupportedLookAndFeelException ex)
{

java.util.logging.Logger.getLogger(MovieList.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 MovieList().setVisible(true);
    }
});
}
```

13) Order Summary



```
import java.sql.*;
import javax.swing.JOptionPane;
/**
 *
 * @author gangp
 */
public class OrderSummary extends javax.swing.JFrame {

    /**
```

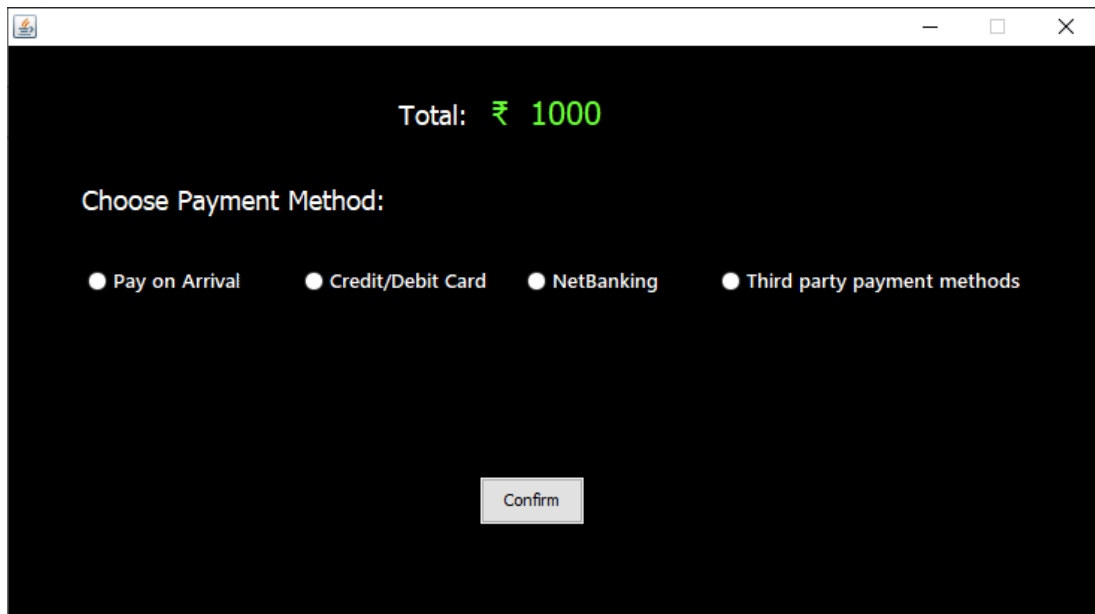
```
        * Creates new form OrderSummary
        */
        public OrderSummary() {
            initComponents();
        }
        public OrderSummary(String CustId, Long ShowId, Double
Amount) {
            initComponents();

            int i =0;
            try {
                Class.forName("java.sql.DriverManager");
                Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/Kleon",
"root", "pgo95493");
                String sql = "select * from tickets where ShowId=" +
ShowId + " && CustUsername='"+CustId+"'";
                Statement st = con.createStatement();
                ResultSet rs = st.executeQuery(sql);
                while(rs.next()){
                    i = i+1;
                }
                tic.setText(""+i);
                int ttltic = i*150;
                ttlt.setText(""+ttltic);
                String tttltic = ""+ttltic;
                double tttltic = Double.parseDouble(tttltic);
                double gtl = tttltic+Amount;
                snc.setText(""+Amount);
                gttl.setText(""+gtl);
            }
            catch (Exception e) {
                JOptionPane.showMessageDialog(this, "Error: " +
e.getMessage());
            }

        }

        private void
jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
            new PaymentGateway().setVisible(true);          // TODO add your
handling code here:
        }
```

14) PaymentGateway



```
import javax.swing.JOptionPane;

/*
 * 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.
 */

/**
 *
 * @author gargp
 */
public class PaymentGateway extends javax.swing.JFrame {

    /**
     * Creates new form PaymentGateway
     */
    public PaymentGateway() {
        initComponents();
        int cost = 1000; //Get cost from previous form
        jLabel4.setText("" + cost);
        Banking.setVisible(false);
        CredDeb.setVisible(false);
        TPP.setVisible(false);
    }
}
```

```
    }

    private void R1MouseClicked(java.awt.event.MouseEvent evt) {

        Banking.setVisible(false);
        CredDeb.setVisible(false);
        TPP.setVisible(false);
        // TODO add your handling code here:
    }

    private void R2MousePressed(java.awt.event.MouseEvent evt) {
        CredDeb.setVisible(true);
        Banking.setVisible(false);
        TPP.setVisible(false);
        // TODO add your handling code here:
    }

    private void R3MousePressed(java.awt.event.MouseEvent evt) {
        Banking.setVisible(true);
        CredDeb.setVisible(false);
        TPP.setVisible(false);          // TODO add your handling
code here:
    }

    private void R4MousePressed(java.awt.event.MouseEvent evt) {
        Banking.setVisible(false);
        CredDeb.setVisible(false);
        TPP.setVisible(true);
        // TODO add your handling code here:
    }

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

        if (R1.isSelected() == false && R2.isSelected() == false
&& R3.isSelected() == false && R4.isSelected() == false) {
            JOptionPane.showMessageDialog(this,"Please Select a
Payment Method");
        }
        else{

            if(CredDeb.getSelectedIndex()==0 &&
R2.isSelected()==true){
                JOptionPane.showMessageDialog(this,"Please Select a
service");
            }
        }
    }
}
```

```
        }
        else if(Banking.getSelectedIndex()==0 &&
R3.isSelected()==true){
            JOptionPane.showMessageDialog(this,"Please Select a
service");
        }
        else if(TPP.getSelectedIndex()==0 &&
R4.isSelected()==true){
            JOptionPane.showMessageDialog(this,"Please Select a
service");
        }
        else{
            new ProcessingPayment().setVisible(true);
            this.dispose();// 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 ("Windows".equals(info.getName())) {

javax.swing.UIManager.setLookAndFeel(info.getClassName());
                break;
            }
        }
    } catch (ClassNotFoundException ex) {
```



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

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

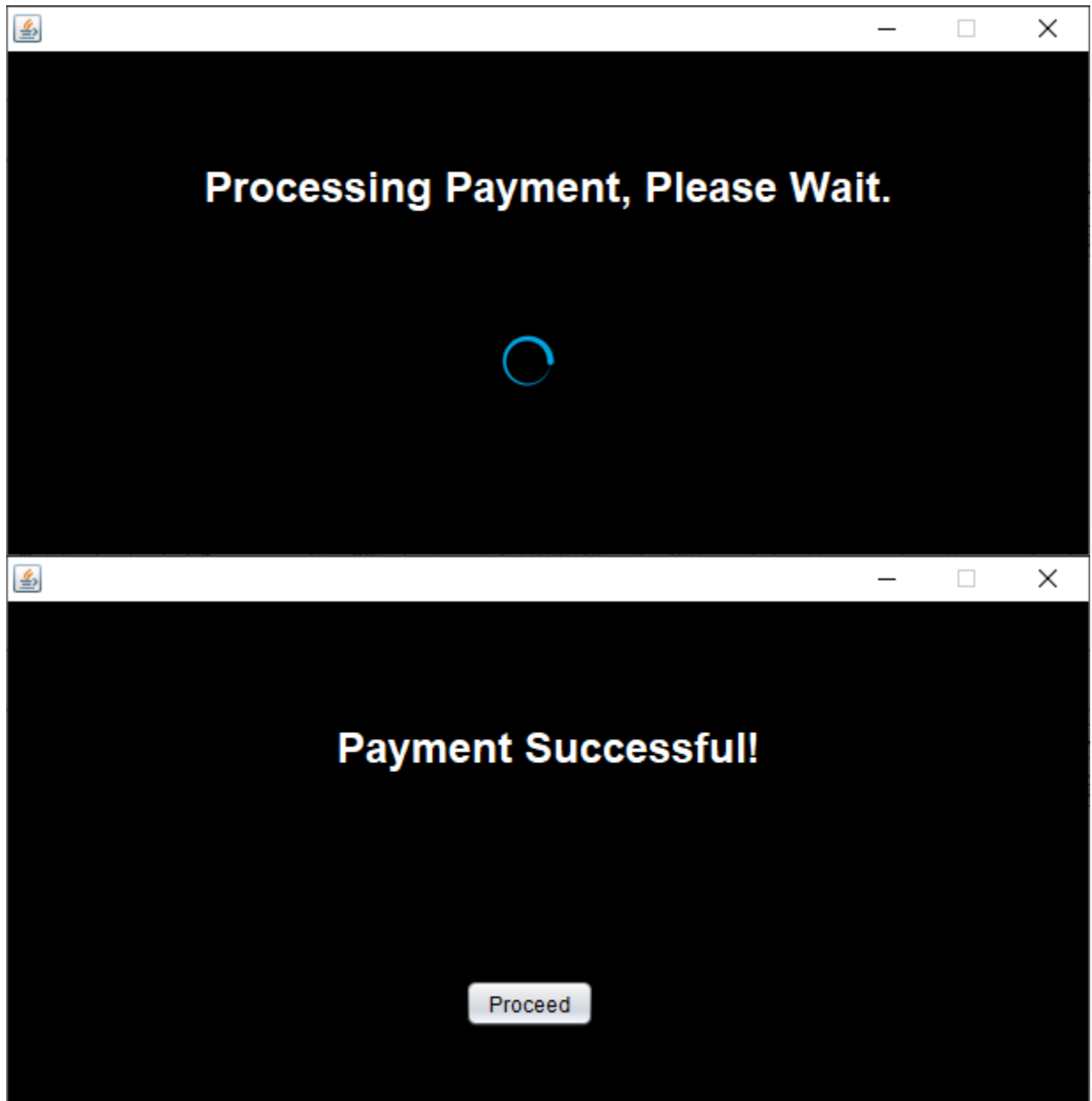
java.util.logging.Logger.getLogger(PaymentGateway.class.getName())
).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (javax.swing.UnsupportedLookAndFeelException ex)
{

java.util.logging.Logger.getLogger(PaymentGateway.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 PaymentGateway().setVisible(true);
    }
});
```

15) Processing Payment



```
import java.util.concurrent.TimeUnit;
import java.util.logging.Level;
import java.util.logging.Logger;

/**
 *
 * @author gargp
 */
public class ProcessingPayment extends javax.swing.JFrame {
```

```
/**
 * Creates new form ProcessingPayment
 */
public ProcessingPayment() {
    initComponents();
    jButton1.setVisible(false);
}
private void jPanel1MouseClicked(java.awt.event.MouseEvent evt) {
    try {
        Thread.sleep(1500);
        jLabel1.setVisible(false);
        A.setText("Payment Successful!");
        jButton1.setVisible(true);
    } catch (InterruptedException ex) {

}

Logger.getLogger(ProcessingPayment.class.getName()).log(Level.SEVERE, null, ex);
    }
}

private void
jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    new ThankBooking().setVisible(true);
    this.dispose();    // 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(ProcessingPayment.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);  
    } catch (InstantiationException ex) {  
        java.util.logging.Logger.getLogger(ProcessingPayment.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);  
    } catch (IllegalAccessException ex) {  
        java.util.logging.Logger.getLogger(ProcessingPayment.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);  
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {  
    }  
    java.util.logging.Logger.getLogger(ProcessingPayment.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 ProcessingPayment().setVisible(true);  
        }  
    });  
}
```

16) Snacks

```
import java.awt.HeadlessException;
import java.sql.*;
import javax.swing.DefaultListModel;
import javax.swing.JOptionPane;

/*
 * 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.
 */
/**
 *
 * @author gargp
 */
public class Snacks extends javax.swing.JFrame {

    Double amount = 0.0;
    String custid = "1", movieid = "1", showid = "1";

    public Snacks() {
        initComponents();
        jButton2.setOpaque(true);
    }
}
```

```
    }  
    private void jButton1ActionPerformed(java.awt.event.ActionEvent  
    evt) {  
  
        Double amoun = Double.parseDouble(TA.getText());  
        Long showidl=Long.parseLong(showid);  
        new OrderSummary(custid,showidl, amoun).setVisible(true);  
        this.dispose();  
  
    }  
    DefaultListModel bill = new DefaultListModel();  
    DefaultListModel sizes = new DefaultListModel();  
    DefaultListModel amt = new DefaultListModel();  
    DefaultListModel rate = new DefaultListModel();  
  
    private void  
    jButton2ActionPerformed(java.awt.event.ActionEvent evt) {  
        try {  
  
            Class.forName("java.sql.DriverManager");  
            Connection con =  
            DriverManager.getConnection("jdbc:mysql://localhost:3306/kleon",  
            "root", "pgo95493");  
  
            String sql;  
  
            sql = " select MovieName,MovieID,CustUsername,ShowId  
from temp";  
  
            Statement st = con.createStatement();  
            ResultSet rs = st.executeQuery(sql);  
            rs.next();  
            custid=rs.getString("CustUsername");  
            showid=rs.getString("ShowId");  
            movieid=rs.getString("MovieID");  
  
            } catch (ClassNotFoundException | SQLException |  
            HeadlessException e) {  
                JOptionPane.showMessageDialog(null, "Error: " +  
                e.getMessage());  
            }  
  
            String p = "1";
```

```

        int qua;
        if (Quan.getText().equals("")) ||
Integer.parseInt(Quan.getText()) < 1) {
            qua = 1;
        } else {
            qua = Integer.parseInt(Quan.getText());
        }
        if (Snacks.getSelectedIndex() == -1 &&
Drinks.getSelectedIndex() == -1 && Popc.getSelectedIndex() == -1
&& Combo.getSelectedIndex() == -1) {
            JOptionPane.showMessageDialog(this, "Please select an
item first");
        } else if (Snacks.getSelectedIndex() > 5 ||
Drinks.getSelectedIndex() > 5 || Popc.getSelectedIndex() > 5 ||
Combo.getSelectedIndex() > 5) {
            JOptionPane.showMessageDialog(this, "Please select an
item first");
        } else if (Sma.isSelected() == false && Med.isSelected()
== false && Lar.isSelected() == false) {
            JOptionPane.showMessageDialog(this, "Please select
the size!");
        } else if (qua < 1) {
            JOptionPane.showMessageDialog(this, "Please enter a
Valid Quantity.");
        } else {
            int sn = Snacks.getSelectedIndex();
            int dr = Drinks.getSelectedIndex();
            int po = Popc.getSelectedIndex();
            int co = Combo.getSelectedIndex();
            int t = Math.max(Math.max(sn, dr), Math.max(po, co));
            if (sn == t) {
                p = Snacks.getSelectedValue();
            } else if (dr == t) {
                p = Drinks.getSelectedValue();
            } else if (po == t) {
                p = Popc.getSelectedValue();
            } else if (co == t) {
                p = Combo.getSelectedValue();
            }

            bill.addElement(p);
            Bill.setModel(bill);

            amt.addElement(qua);
            Qty.setModel(amt);
            String op = "M";

```

```
        if (Lar.isSelected()) {
            op = "L";
        } else if (Med.isSelected()) {
            op = "M";

        } else if (Sma.isSelected()) {
            op = "S";

        }
        sizes.addElement(op);
        Size.setModel(sizes);

        String tc = TC.getText();
        rate.addElement(tc);
        Rate.setModel(rate);
        amount = amount + Double.parseDouble(tc);
        TA.setText("" + amount);
        try {
            Class.forName("java.sql.DriverManager");
            Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/kleon",
"root", "pgo95493");

            String sql6;
            sql6 = "Insert into snacktally values('" + custid
+ "','" + p + "','" + op + "','" + movieid + "','" + qua + "','" +
showid + "')";

            System.out.println("" + sql6);
            System.out.println("" + sql6);
            Statement st = con.createStatement();
            st.executeUpdate(sql6);

        } catch (ClassNotFoundException | SQLException |
HeadlessException e) {
            JOptionPane.showMessageDialog(null, "Error: " +
e.getMessage());
        }
    }

    // TODO add your handling code here:
}

private void SnacksMousePressed(java.awt.event.MouseEvent
evt) {
    Drinks.clearSelection();
    Popc.clearSelection();
}
```



```
        Combo.clearSelection();
        dne.setSelected(true);
        CPI.setText("");
        TC.setText("");
        // TODO add your handling code here:
    }

    private void DrinksMousePressed(java.awt.event.MouseEvent
    evt) {
        Snacks.clearSelection();
        Popc.clearSelection();
        Combo.clearSelection();
        dne.setSelected(true);
        CPI.setText("");
        TC.setText("");
        // TODO add your handling code here:
    }

    private void PopcMousePressed(java.awt.event.MouseEvent evt)
    {
        Snacks.clearSelection();
        Drinks.clearSelection();
        Combo.clearSelection();
        dne.setSelected(true);
        CPI.setText("");
        TC.setText("");
        // TODO add your handling code here:
    }

    private void ComboMousePressed(java.awt.event.MouseEvent evt)
    {
        Snacks.clearSelection();
        Drinks.clearSelection();
        Popc.clearSelection();
        dne.setSelected(true);
        CPI.setText("");
        TC.setText("");

        // TODO add your handling code here:
    }

    private void QuanCaretUpdate(javax.swing.event.CaretEvent
    evt) {
        if (Lar.isSelected() == false && Med.isSelected() ==
        false && Sma.isSelected() == false) {
            } else {
```

```
        int qua;
        if (Quan.getText().equals("") ||
Integer.parseInt(Quan.getText()) < 1) {
            qua = 1;
        } else {
            qua = Integer.parseInt(Quan.getText());
        }
        double cpi = Double.parseDouble(CPI.getText());
        double tc = cpi * qua;
        TC.setText("" + tc);
        System.out.println("" + tc);
    }
    // TODO add your handling code here:
}

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

private void MedMousePressed(java.awt.event.MouseEvent evt) {
    int qua;

    int sn = Snacks.getSelectedIndex();
    String p = "1";
    int dr = Drinks.getSelectedIndex();
    int po = Popc.getSelectedIndex();
    int co = Combo.getSelectedIndex();
    int t = Math.max(Math.max(sn, dr), Math.max(po, co));
    if (sn == t) {
        p = Snacks.getSelectedValue();
    } else if (dr == t) {
        p = Drinks.getSelectedValue();
    } else if (po == t) {
        p = Popc.getSelectedValue();
    } else if (co == t) {
        p = Combo.getSelectedValue();
    }
    try {
        Class.forName("java.sql.DriverManager");
        Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/kleon",
"root", "pgo95493");
        Double size;
        String sql = "select SnackName,SnackPrice from snacks
where SnackName='" + p + "'";
        System.out.println("" + sql);
```

```
        Statement st = con.createStatement();
        ResultSet rs = st.executeQuery(sql);
        rs.next();

        size = 1.5;

        System.out.println("" + size);
        double cpi =
Integer.parseInt(rs.getString("SnackPrice"));
        cpi = cpi * size;
        CPI.setText("" + cpi);

        } catch (ClassNotFoundException | SQLException |
HeadlessException e) {
            JOptionPane.showMessageDialog(null, "Error: " +
e.getMessage());
        }

        if (Quan.getText().equals("") ||
Integer.parseInt(Quan.getText()) < 1) {
            qua = 1;
        } else {
            qua = Integer.parseInt(Quan.getText());
        }
        double cpi = Double.parseDouble(CPI.getText());
        double tc = cpi * qua;
        TC.setText("" + tc);
        System.out.println("" + tc); // TODO add your handling
code here:
    }

    private void SmaMousePressed(java.awt.event.MouseEvent evt) {
        int qua;

        int sn = Snacks.getSelectedIndex();
        String p = "1";
        int dr = Drinks.getSelectedIndex();
        int po = Popc.getSelectedIndex();
        int co = Combo.getSelectedIndex();
        int t = Math.max(Math.max(sn, dr), Math.max(po, co));
        if (sn == t) {
            p = Snacks.getSelectedValue();
        } else if (dr == t) {
            p = Drinks.getSelectedValue();
        } else if (po == t) {
            p = Popc.getSelectedValue();
        }
```

```
        } else if (co == t) {
            p = Combo.getSelectedValue();
        }
        try {
            Class.forName("java.sql.DriverManager");
            Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/kleon",
"root", "pgo95493");
            Double size;
            String sql = "select SnackName,SnackPrice from snacks
where SnackName='" + p + "'";
            System.out.println("'" + sql);
            Statement st = con.createStatement();
            ResultSet rs = st.executeQuery(sql);
            rs.next();

            size = 1.0;

            System.out.println("'" + size);
            double cpi =
Integer.parseInt(rs.getString("SnackPrice"));
            cpi = cpi * size;
            CPI.setText("'" + cpi);

        } catch (ClassNotFoundException | SQLException |
HeadlessException e) {
            JOptionPane.showMessageDialog(null, "Error: " +
e.getMessage());
        }

        if (Quan.getText().equals("") ||
Integer.parseInt(Quan.getText()) < 1) {
            qua = 1;
        } else {
            qua = Integer.parseInt(Quan.getText());
        }
        double cpi = Double.parseDouble(CPI.getText());
        double tc = cpi * qua;
        TC.setText("'" + tc);
        System.out.println("'" + tc);// TODO add your handling
code here:
    }

    private void LarMousePressed(java.awt.event.MouseEvent evt) {
        int qua;
```

```
int sn = Snacks.getSelectedIndex();
String p = "1";
int dr = Drinks.getSelectedIndex();
int po = Popc.getSelectedIndex();
int co = Combo.getSelectedIndex();
int t = Math.max(Math.max(sn, dr), Math.max(po, co));
if (sn == t) {
    p = Snacks.getSelectedValue();
} else if (dr == t) {
    p = Drinks.getSelectedValue();
} else if (po == t) {
    p = Popc.getSelectedValue();
} else if (co == t) {
    p = Combo.getSelectedValue();
}
try {
    Class.forName("java.sql.DriverManager");
    Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/kleon",
"root", "pgo95493");
    Double size;
    String sql = "select SnackName,SnackPrice from snacks
where SnackName='" + p + "'";
    System.out.println("" + sql);
    Statement st = con.createStatement();
    ResultSet rs = st.executeQuery(sql);
    rs.next();

    size = 2.0;

    System.out.println("" + size);
    double cpi =
Integer.parseInt(rs.getString("SnackPrice"));
    cpi = cpi * size;
    CPI.setText("" + cpi);

} catch (ClassNotFoundException | SQLException |
HeadlessException e) {
    JOptionPane.showMessageDialog(null, "Error: " +
e.getMessage());
} // TODO add your handling code here:

if (Quan.getText().equals("")) ||
Integer.parseInt(Quan.getText()) < 1) {
    qua = 1;
} else {
```

```
        qua = Integer.parseInt(Quan.getText());
    }
    double cpi = Double.parseDouble(CPI.getText());
    double tc = cpi * qua;
    TC.setText("" + tc);
    System.out.println("" + tc);
}

private void BillMousePressed(java.awt.event.MouseEvent evt)
{
    int in = Bill.getSelectedIndex();
    Size.setSelectedIndex(in);
    Qty.setSelectedIndex(in);
    Rate.setSelectedIndex(in);
// TODO add your handling code here:
}

private void SizeMousePressed(java.awt.event.MouseEvent evt)
{
    int in = Size.getSelectedIndex();
    Bill.setSelectedIndex(in);
    Qty.setSelectedIndex(in);
    Rate.setSelectedIndex(in);          // TODO add your
handling code here:
}

private void QtyMousePressed(java.awt.event.MouseEvent evt) {
    int in = Qty.getSelectedIndex();
    Size.setSelectedIndex(in);
    Bill.setSelectedIndex(in);
    Rate.setSelectedIndex(in);          // TODO add your
handling code here:
}

private void RateMousePressed(java.awt.event.MouseEvent evt)
{
    int in = Rate.getSelectedIndex();
    Size.setSelectedIndex(in);
    Bill.setSelectedIndex(in);
    Qty.setSelectedIndex(in);// TODO add your handling code
here:
}

private void
jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
    int rs = Bill.getSelectedIndex();
```

```
        if (rs == -1) {
        } else {
            Object qua = Qty.getSelectedValue();
            Object op = Size.getSelectedValue();
            Object p = Bill.getSelectedValue();
            System.out.println("" + p);
            System.out.println("" + op);
            try {
                Class.forName("java.sql.DriverManager");
                Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/kleon",
"root", "pgo95493");

                String sql7;
                sql7 = "delete from snacktally where CustId='" +
custid + "' and SnackName='" + p + "' and Size='" + op + "' and
MovieId='" + movieid + "' and Qty=" + qua + " and ShowId=" +
showid;

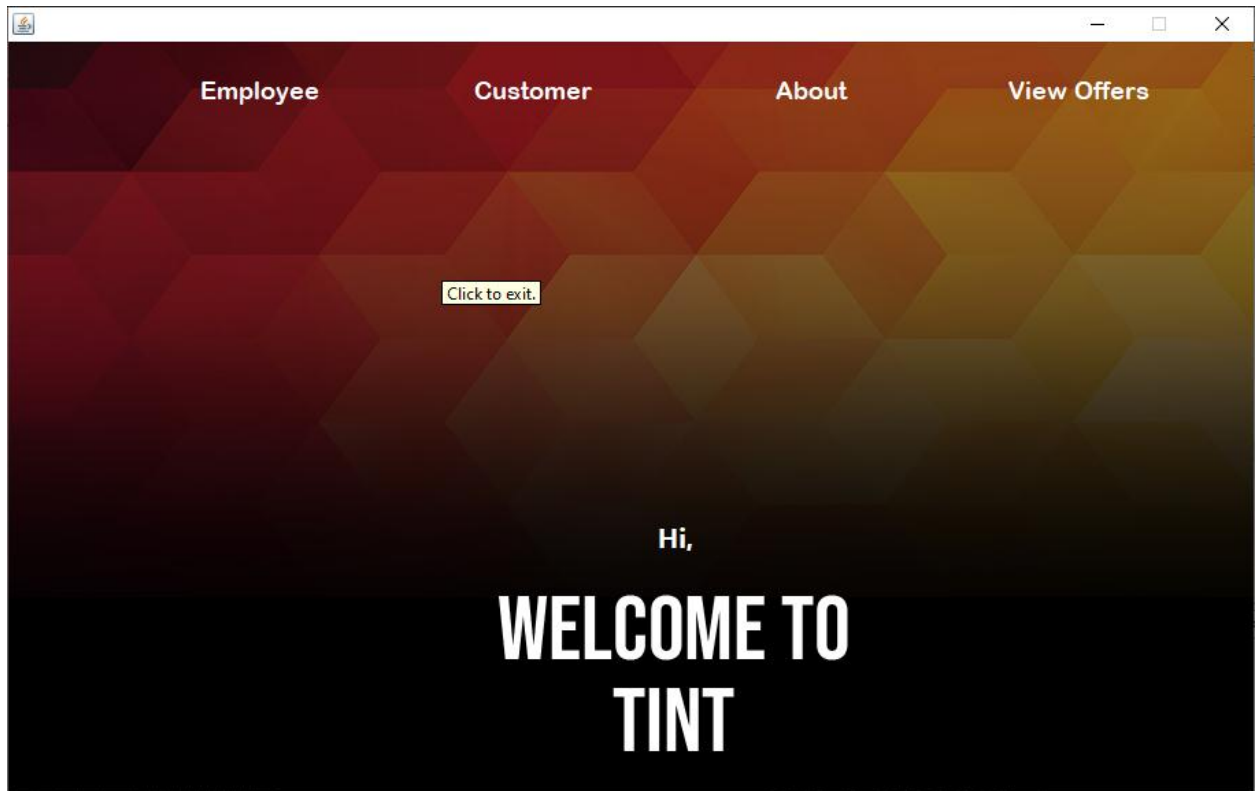
                System.out.println("" + sql7);

                Statement st = con.createStatement();
                st.executeUpdate(sql7);
            } catch (ClassNotFoundException | SQLException |
HeadlessException e) {
                JOptionPane.showMessageDialog(null, "Error: " +
e.getMessage());
            }
            amount = amount -
Double.parseDouble(Rate.getSelectedValue());

            bill.remove(rs);
            Bill.setModel(bill);
            sizes.remove(rs);
            Size.setModel(sizes);
            amt.remove(rs);
            Qty.setModel(amt);
            rate.remove(rs);
            Rate.setModel(rate);

            TA.setText("" + amount);
        }
        // TODO add your handling code here:
```

17) Start



```
import java.sql.*;
import javax.swing.JOptionPane;

/*
 * 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.
 */
/**
 *
 * @author gargp
 */
public class Start extends javax.swing.JFrame {

    /**
     * Creates new form About
     */
    public Start() {
        initComponents();
        jLabel17.setVisible(false);
        jLabel17.setEnabled(false);
    }
}
```



```
        jLabel18.setVisible(false);
        jLabel18.setEnabled(false);
        jLabel19.setVisible(false);
        jLabel19.setEnabled(false);
        jLabel11.setVisible(false);
        jLabel11.setEnabled(false);
        jLabel.setVisible(false);
        jLabel.setEnabled(false);

        jLabel15.setVisible(false);
        jLabel15.setEnabled(false);
        jLabel13.setVisible(false);
        jLabel13.setEnabled(false);
    }

    public Start(String user) {
        initComponents();
        jLabel7.setVisible(false);
        jLabel7.setEnabled(false);
        jLabel8.setVisible(false);
        jLabel8.setEnabled(false);
        jLabel9.setVisible(false);
        jLabel9.setEnabled(false);
        jLabel11.setVisible(false);
        jLabel11.setEnabled(false);
        jLabel.setVisible(false);
        jLabel.setEnabled(false);

        jLabel13.setVisible(false);
        jLabel13.setEnabled(false);

        jLabel15.setVisible(false);
        jLabel15.setEnabled(false);
        jLabel11.setText(jLabel11.getText()+" " + user);
        try {
            Class.forName("java.sql.DriverManager");
            Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/kleon",
"root", "pgo95493");
            String sql2 = "delete from temp";
            Statement st2 = con.createStatement();
            st2.executeUpdate(sql2);
            String sql;
            sql = "insert into temp(CustUsername) values('" +
user + "')";
```

```
        Statement st = con.createStatement();
        st.executeUpdate(sql);

    } catch (Exception e) {
        JOptionPane.showMessageDialog(null, "Error" +
e.getMessage());
    }

}

private void BackMouseClicked(java.awt.event.MouseEvent evt)
{
    jLabel17.setVisible(false);
    jLabel17.setEnabled(false);
    jLabel18.setVisible(false);
    jLabel18.setEnabled(false);
    jLabel19.setVisible(false);
    jLabel19.setEnabled(false);
    jLabel11.setVisible(false);
    jLabel11.setEnabled(false);
    jLabel.setVisible(false);
    jLabel.setEnabled(false);

    jLabel15.setVisible(false);
    jLabel15.setEnabled(false);
    jLabel13.setVisible(false);
    jLabel13.setEnabled(false); // TODO add your handling code
here:
}

private void EmpMouseClicked(java.awt.event.MouseEvent evt) {
    jLabel17.setVisible(true);
    jLabel17.setEnabled(true);
    jLabel18.setVisible(true);
    jLabel18.setEnabled(true);

    // TODO add your handling code here:
}

private void CusMouseClicked(java.awt.event.MouseEvent evt) {
    jLabel19.setVisible(true);
    jLabel19.setEnabled(true);
    jLabel15.setVisible(true);
    jLabel15.setEnabled(true);
    jLabel11.setVisible(true);
    jLabel11.setEnabled(true);
}
```

```
        jLabel.setVisible(true);
        jLabel.setEnabled(true);
        jLabel3.setVisible(true);
        jLabel3.setEnabled(true);// TODO add your handling code
here:
    }

    private void jLabel7MouseClicked(java.awt.event.MouseEvent
    evt) {
        new EmployeeLogin().setVisible(true);          // TODO add
your handling code here:
    }

    private void jLabel8MouseClicked(java.awt.event.MouseEvent
    evt) {
        new EmloyeeRegistry().setVisible(true);        // TODO
add your handling code here:
    }

    private void jLabel9MouseClicked(java.awt.event.MouseEvent
    evt) {
        new MovieList().setVisible(true);    // TODO add your
handling code here:
    }

    private void jLabel11MouseClicked(java.awt.event.MouseEvent
    evt) {
        new CustomerLogin().setVisible(true);          // TODO add
your handling code here:
    }

    private void jLabelMouseClicked(java.awt.event.MouseEvent
    evt) {

        String user = jLabel1.getText();

        if (user.equals("Hi, ")) {
            new CustomerLogin().setVisible(true);
        } else {
            String custid=user.substring(5);
            new BookTicket(custid).setVisible(true);
            this.dispose();
        }
        // TODO add your handling code here:
    }
```

```
        private void AbMouseClicked(java.awt.event.MouseEvent evt) {
            new About().setVisible(true);          // TODO add your
handling code here:
        }

        private void jLabel11MouseClicked(java.awt.event.MouseEvent
evt) {
            new ViewOffers().setVisible(true);      // TODO add
your handling code here:
        }

        private void jLabel15MouseClicked(java.awt.event.MouseEvent
evt) {
            new CustomerRegistry().setVisible(true);    // TODO
add your handling code here:
        }

        private void jLabel3MouseClicked(java.awt.event.MouseEvent
evt) {
            String user = jLabel1.getText();

            if (user.equals("Hi, ")) {
                new CustomerLogin().setVisible(true);
            } else {
                new AddReview().setVisible(true);
            }          // TODO add your handling code here:
        }

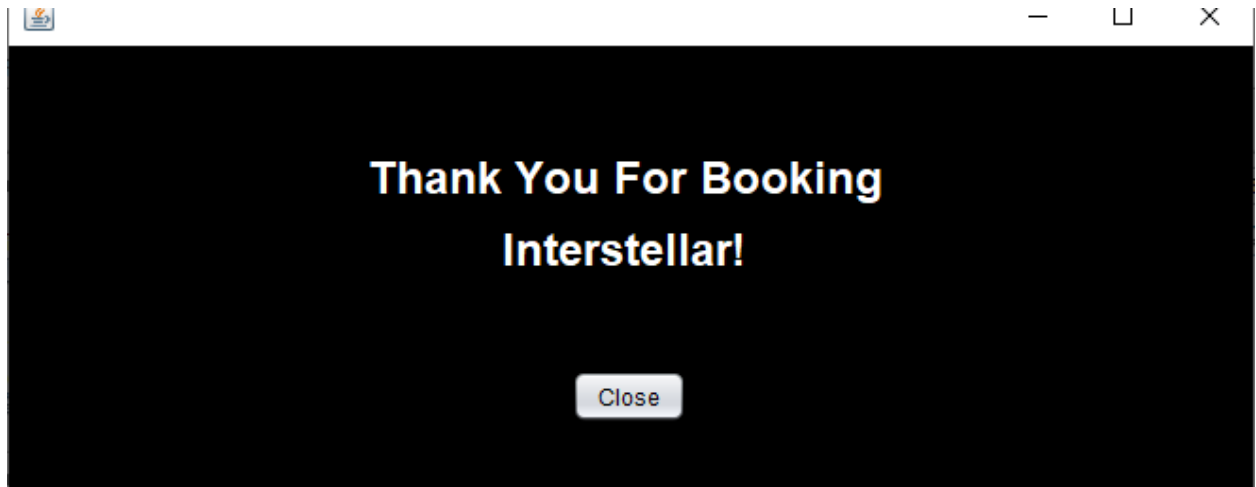
        private void jLabel2MouseClicked(java.awt.event.MouseEvent
evt) {
            // TODO add
your handling code here:
        }

        private void jLabe31MouseClicked(java.awt.event.MouseEvent
evt) {
            // TODO add your handling code here:
        }

        private void jLabel4MouseClicked(java.awt.event.MouseEvent
evt) {
            // TODO add your handling code here:
        }

        private void jLabel5MouseClicked(java.awt.event.MouseEvent
evt) {
            // TODO add your handling code here:
        }
    }
```

18) ThankBooking



```
import SourceImages.ViewTickets;
import java.awt.HeadlessException;
import java.sql.*;
import javax.swing.JOptionPane;
/**
 *
 * @author gargp
 */
public class ThankBooking extends javax.swing.JFrame {
    int mov = 1; //The movie ID needs to be extracted from previous
    form
    /**
     * Creates new form ThankBooking
     */
    public ThankBooking() {
        initComponents();
        try {

            Class.forName("java.sql.DriverManager");
            Connection con =
            DriverManager.getConnection("jdbc:mysql://localhost:3306/kleon",
            "root", "pgo95493");

            String sql;

            sql = "select MovieName from movies where
            MovieId=" + mov;

            Statement st = con.createStatement();
            ResultSet rs = st.executeQuery(sql);
```

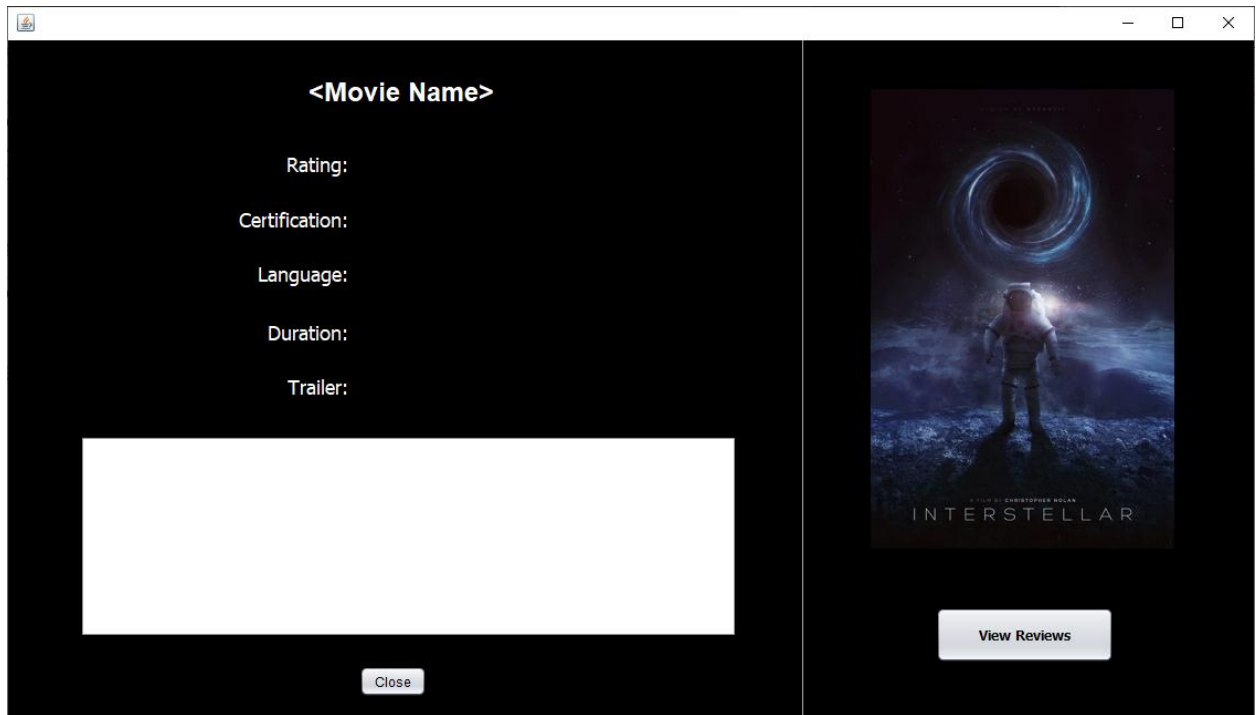
```
        rs.next();
        Mo.setText(""+rs.getString("MovieName")+"!");

    } catch (ClassNotFoundException | SQLException |
HeadlessException e) {
        JOptionPane.showMessageDialog(null, "Error: " +
e.getMessage());
    }

}

private void jButton2ActionPerformed(java.awt.event.ActionEvent
evt) {
this.dispose();          // TODO add your handling code here:
}
```

19) ViewMovies



```
import java.awt.HeadlessException;
import java.sql.*;
import javax.swing.JOptionPane;

/*
 * 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.
 */
/**
 *
 * @author gangp
 */
public class ViewMovies extends javax.swing.JFrame {

    /**
     * Creates new form ViewMovies
     */
    public ViewMovies() {
        initComponents();
    }
}
```

```
public ViewMovies(String Moname) {
    initComponents();
    jLabel1.setText(Moname);
    String moname = jLabel1.getText();
    System.out.println("" + moname);
    MoName.setText("" + moname);
    try {

        String seats = "NA";
        Class.forName("java.sql.DriverManager");
        Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/kleon",
"root", "pgo95493");

        String sql;
        sql = "select * from movies where MovieName='" +
moname + "'";

        Statement st = con.createStatement();
        ResultSet rs = st.executeQuery(sql);
        rs.next();
        String pos = rs.getString("MovieThumb");
        System.out.println(""+pos);
        Poster.setIcon(new javax.swing.ImageIcon(pos));

        MoDesc.setText("" + rs.getString("MovieDesc"));
        rating.setText("" + rs.getString("MovieRating"));
        cert.setText("" +
rs.getString("MovieCertification"));
        lang.setText("" + rs.getString("MovieLang"));
        dur.setText("" + rs.getString("MovieDuration"));
        trai.setText("" + rs.getString("MovieTrailer"));
        jLabel2.setText("" + rs.getString("MovieId"));
        System.out.println("" + rs.getString("MovieId"));

    } catch (ClassNotFoundException | SQLException |
HeadlessException e) {
        JOptionPane.showMessageDialog(null, "Error: " +
e.getMessage());
    }
}
```

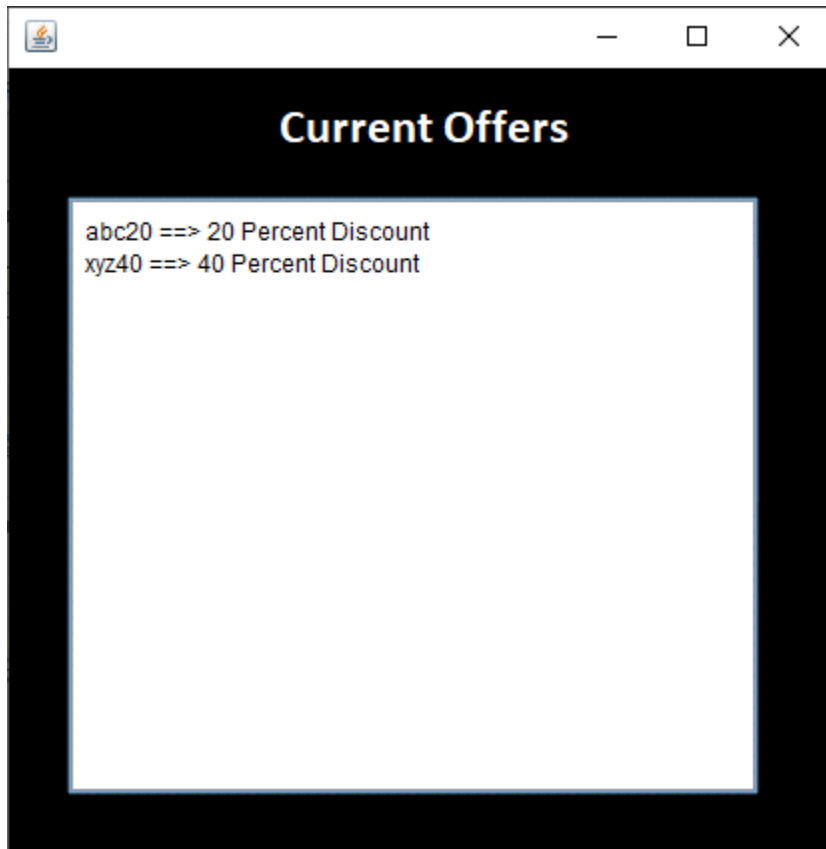


```
private void
jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    this.dispose();          // TODO add your handling code
here:
}

private void
jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
    try {
        int mov = Integer.parseInt(jLabel2.getText());
        System.out.println(""+mov);
        Class.forName("java.sql.DriverManager");
        Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/kleon",
"root", "pgo95493");

        String sql = "select ReviewText from reviews where
MovieId=" + mov;
        Statement st = con.createStatement();
        ResultSet rs = st.executeQuery(sql);
        if (!rs.next()) {
            JOptionPane.showMessageDialog(null, "No Reviews
Yet");
        } else {
            new ViewReviews(mov).setVisible(true);
            this.dispose();
        }
    } catch (ClassNotFoundException | SQLException |
HeadlessException e) {
        JOptionPane.showMessageDialog(null, "Error: " +
e.getMessage());
    }
    // TODO add your handling code here:
}
```

20) Viewoffers



```
import java.sql.*;
import javax.swing.JOptionPane;

/*
 * 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.
 */

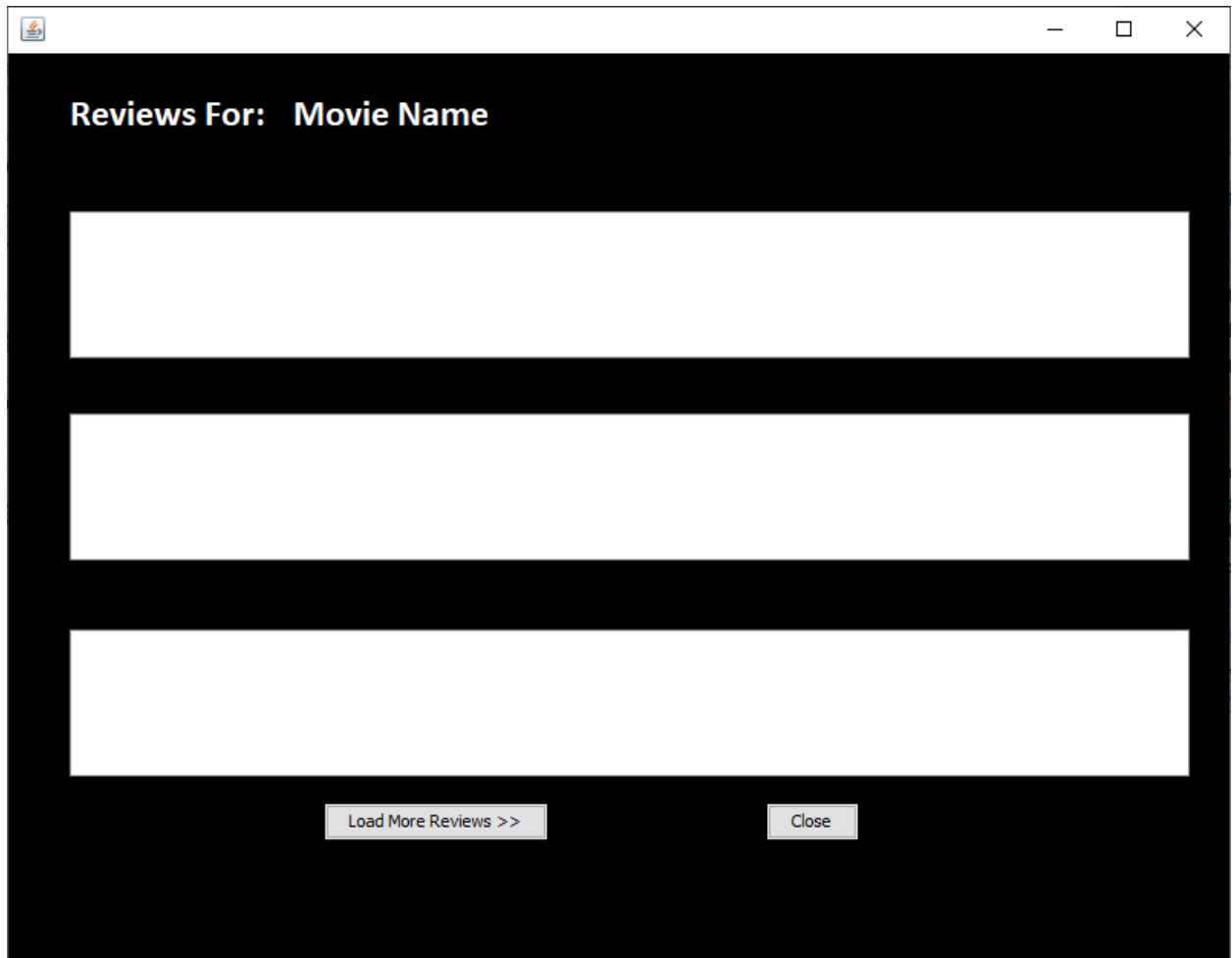
/**
 *
 * @author gargp
```

```
*/
public class ViewOffers extends javax.swing.JFrame {

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

        try {
            Class.forName("java.sql.DriverManager");
            Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/Kleon",
"root", "pgo95493");
            String sql = "select * from offers";
            Statement st = con.createStatement();
            ResultSet rs = st.executeQuery(sql);
            while(rs.next()){
                String set = rs.getString("DiscountCode").concat("
==> ").concat(rs.getString("DiscountPercent")+" Percent
Discount");
                lala.append(""+set+"\n");
            }
        } catch (Exception e) {
            JOptionPane.showMessageDialog(this, "Error: " +
e.getMessage());
        }}
    }
```

21) ViewReviews



```
import java.awt.HeadlessException;
import java.sql.*;
import javax.swing.JOptionPane;

/**
 *
 * @author gargp
 */
public class ViewReviews extends javax.swing.JFrame {

    int a = 1, b = 2, c = 3;

    public ViewReviews() {
        initComponents();
    }

    /**
```

```
* Creates new form ViewReviews
*/
public ViewReviews(int mov) {
    initComponents();
    somepoint:
    {

        try {
            jLabel15.setText("" + mov);
            Class.forName("java.sql.DriverManager");
            Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/kleon",
"root", "pgo95493");

            String sql, sql2, sql3;

            sql = "select CustUsername,ReviewText from
customer,reviews where reviews.CustId=customer.CustUsername and
MovRevId in (" + a + "," + b + "," + c + ") and MovieId=" + mov;
            sql3 = "select MovieName from movies where
MovieId=" + mov;
            sql2 = "select count(*) from customer,reviews
where reviews.CustId=customer.CustUsername and MovieId=" + mov;

            System.out.println("" + sql);
            System.out.println("" + sql3);

            Statement st = con.createStatement();
            ResultSet rs = st.executeQuery(sql);

            Statement st3 = con.createStatement();
            ResultSet rs3 = st3.executeQuery(sql3);

            Statement st2 = con.createStatement();
            ResultSet rs2 = st2.executeQuery(sql2);
            rs2.next();
            int d =
Integer.parseInt(rs2.getString("count(*)"));
            d = d - 3;
            jLabel11.setVisible(false);
            jLabel12.setVisible(false);
            jLabel13.setVisible(false);
            jLabel14.setVisible(false);
            jLabel15.setVisible(false);
            jLabel11.setText("" + d);
```

```

        rs3.next();
        Mo.setText(rs3.getString("MovieName"));
        if (!rs.next()) {
            JOptionPane.showMessageDialog(null, "No
Reviews Yet");
        } else {
            R1.setText(rs.getString("ReviewText"));
            N1.setText(rs.getString("CustUsername"));
            if (!rs.next()) {
                R2.setText("No more Reviews");
                N2.setText("");
                R2.setEnabled(false);
                N2.setVisible(false);
            } else {
                R2.setText(rs.getString("ReviewText"));
                N2.setText(rs.getString("CustUsername"));
            }
            if (!rs.next()) {
                R3.setText("No more Reviews");
                N3.setText("");
                R3.setEnabled(false);
                N3.setVisible(false);
            } else {
                R3.setText(rs.getString("ReviewText"));
                N3.setText(rs.getString("CustUsername"));
            }

            a += 3;
            b += 3;
            c += 3;
        }

    } catch (ClassNotFoundException | SQLException |
HeadlessException e) {
        JOptionPane.showMessageDialog(null, "Error: " +
e.getMessage());
    }
}

private void jButton1ActionPerformed(java.awt.event.ActionEvent
evt) {
    try {
        Class.forName("java.sql.DriverManager");
    }
}

```

```
        Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/kleon",
"root", "pgo95493");
        /*
        * Added if else statements for number of reviews,
need to add Movie
        * selector(edit sql queries too), test the number of
reviews thingy
        * and use constructor to get the mvoie id from
previous form ,make
        * sure to change the jlabel(movie name)
        */
        String sql, sql2;
        int e, f, g;
        e = Integer.parseInt(jLabel2.getText());
        f = Integer.parseInt(jLabel3.getText());
        g = Integer.parseInt(jLabel4.getText());
        int mov = Integer.parseInt(jLabel5.getText());
        sql = "select ReviewText,CustUsername from
customer,reviews where reviews.CustId=customer.CustUsername and
MovRevId in (" + e + "," + f + "," + g + ") and MovieId=" + mov;
```

```
        System.out.println("" + sql);
        int d = Integer.parseInt(jLabel1.getText());

        Statement st = con.createStatement();
        ResultSet rs = st.executeQuery(sql);
        System.out.println("" + jLabel2.getText());
        System.out.println("" + jLabel3.getText());
        System.out.println("" + jLabel4.getText());

        if (!rs.next()) {
            JOptionPane.showMessageDialog(null, "No More
Reviews");
        } else {
            rs.previous();
            if (!rs.next()) {
                R1.setText("No more Reviews");
                N1.setText("");
                R1.setEnabled(false);
                N1.setVisible(false);
            } else {
```

```
        R1.setText(rs.getString("ReviewText"));
        N1.setText(rs.getString("CustUsername"));

        e += 3;
        jLabel2.setText("" + e);
    }

    if (!rs.next()) {
        R2.setText("No more Reviews");
        N2.setText("");
        R2.setEnabled(false);
        N2.setVisible(false);
    } else {
        R2.setText(rs.getString("ReviewText"));
        N2.setText(rs.getString("CustUsername"));

        f += 3;
        jLabel3.setText("" + f);
    }

    if (!rs.next()) {
        R3.setText("No more Reviews");
        N3.setText("");
        R3.setEnabled(false);
        N3.setVisible(false);
    } else {
        R3.setText(rs.getString("ReviewText"));
        N3.setText(rs.getString("CustUsername"));

        g += 3;
        jLabel4.setText("" + g);
    }
}
d = d - 3;
jLabel1.setText("" + d);

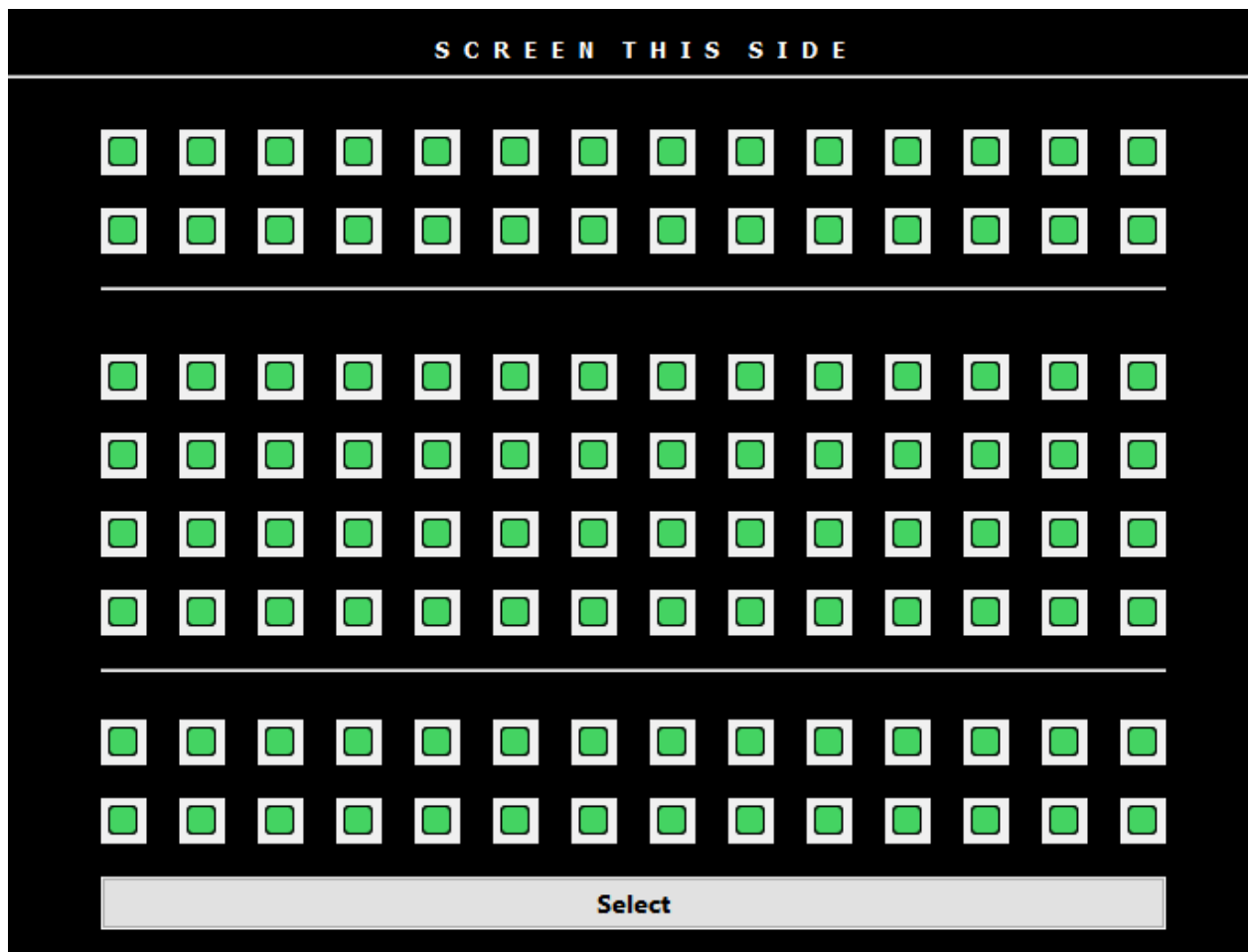
    } catch (ClassNotFoundException | SQLException |
    NumberFormatException | HeadlessException e) {

        if (e.getMessage().equals("After end of result set"))
        {
```



```
        } else {
            JOptionPane.showMessageDialog(null, "Error: " +
e.getMessage());
        }
    }
}
private void
jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    this.dispose();        // TODO add your handling code
here:
}
```

22) Select Seats



```
import java.sql.*;
import javax.swing.JOptionPane;
import static javax.swing.JOptionPane.YES_NO_OPTION;

/**
 *
 * @author DESKTOP
```

```
*/
public class selectseat extends javax.swing.JFrame {

    /**
     * Creates new form selectseat
     */
    public selectseat() {
        initComponents();
    }

    public selectseat(String CustId, Long ShowId) {
        initComponents();
        jLabel2.setText("" + CustId);
        jLabel3.setText("" + ShowId);
        try {
            Class.forName("java.sql.DriverManager");
            Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/Kleon",
"root", "pgo95493");
            String sql = "select * from tickets where ShowId='" +
ShowId + "'";
            Statement st = con.createStatement();
            ResultSet rs = st.executeQuery(sql);
            while (rs.next()) {
                int seat = rs.getInt("SeatNo");
                if (seat == 1) {
                    c1.setEnabled(false);
                }
                if (seat == 2) {
                    c2.setEnabled(false);
                }
                if (seat == 3) {
                    c3.setEnabled(false);
                }
                if (seat == 4) {
                    c4.setEnabled(false);
                }
                if (seat == 5) {
                    c5.setEnabled(false);
                }
                if (seat == 6) {
                    c6.setEnabled(false);
                }
                if (seat == 7) {
                    c7.setEnabled(false);
                }
            }
        }
    }
}
```

```
if (seat == 8) {
    c8.setEnabled(false);
}
if (seat == 9) {
    c9.setEnabled(false);
}
if (seat == 10) {
    c10.setEnabled(false);
}
if (seat == 11) {
    c11.setEnabled(false);
}
if (seat == 12) {
    c12.setEnabled(false);
}
if (seat == 13) {
    c13.setEnabled(false);
}
if (seat == 14) {
    c14.setEnabled(false);
}
if (seat == 15) {
    c15.setEnabled(false);
}
if (seat == 16) {
    c16.setEnabled(false);
}
if (seat == 17) {
    c17.setEnabled(false);
}
if (seat == 18) {
    c18.setEnabled(false);
}
if (seat == 19) {
    c19.setEnabled(false);
}
if (seat == 20) {
    c20.setEnabled(false);
}
if (seat == 21) {
    c21.setEnabled(false);
}
if (seat == 22) {
    c22.setEnabled(false);
}
if (seat == 23) {
```

```
        c23.setEnabled(false);
    }
    if (seat == 24) {
        c24.setEnabled(false);
    }
    if (seat == 25) {
        c25.setEnabled(false);
    }
    if (seat == 26) {
        c26.setEnabled(false);
    }
    if (seat == 27) {
        c27.setEnabled(false);
    }
    if (seat == 28) {
        c28.setEnabled(false);
    }
    if (seat == 29) {
        c29.setEnabled(false);
    }
    if (seat == 30) {
        c30.setEnabled(false);
    }
    if (seat == 31) {
        c31.setEnabled(false);
    }
    if (seat == 32) {
        c32.setEnabled(false);
    }
    if (seat == 33) {
        c33.setEnabled(false);
    }
    if (seat == 34) {
        c34.setEnabled(false);
    }
    if (seat == 35) {
        c35.setEnabled(false);
    }
    if (seat == 36) {
        c36.setEnabled(false);
    }
    if (seat == 37) {
        c37.setEnabled(false);
    }
    if (seat == 38) {
        c38.setEnabled(false);
    }
}
```

```
}  
if (seat == 39) {  
    c39.setEnabled(false);  
}  
if (seat == 40) {  
    c40.setEnabled(false);  
}  
if (seat == 41) {  
    c41.setEnabled(false);  
}  
if (seat == 42) {  
    c42.setEnabled(false);  
}  
if (seat == 43) {  
    c43.setEnabled(false);  
}  
if (seat == 44) {  
    c44.setEnabled(false);  
}  
if (seat == 45) {  
    c45.setEnabled(false);  
}  
if (seat == 46) {  
    c46.setEnabled(false);  
}  
if (seat == 47) {  
    c47.setEnabled(false);  
}  
if (seat == 48) {  
    c48.setEnabled(false);  
}  
if (seat == 49) {  
    c49.setEnabled(false);  
}  
if (seat == 50) {  
    c50.setEnabled(false);  
}  
if (seat == 51) {  
    c51.setEnabled(false);  
}  
if (seat == 52) {  
    c52.setEnabled(false);  
}  
if (seat == 53) {  
    c53.setEnabled(false);  
}  
}
```

```
if (seat == 54) {  
    c54.setEnabled(false);  
}  
if (seat == 55) {  
    c55.setEnabled(false);  
}  
if (seat == 56) {  
    c56.setEnabled(false);  
}  
if (seat == 57) {  
    c57.setEnabled(false);  
}  
if (seat == 58) {  
    c58.setEnabled(false);  
}  
if (seat == 59) {  
    c59.setEnabled(false);  
}  
if (seat == 60) {  
    c60.setEnabled(false);  
}  
if (seat == 61) {  
    c61.setEnabled(false);  
}  
if (seat == 62) {  
    c62.setEnabled(false);  
}  
if (seat == 63) {  
    c63.setEnabled(false);  
}  
if (seat == 64) {  
    c64.setEnabled(false);  
}  
if (seat == 65) {  
    c65.setEnabled(false);  
}  
if (seat == 66) {  
    c66.setEnabled(false);  
}  
if (seat == 67) {  
    c67.setEnabled(false);  
}  
if (seat == 68) {  
    c68.setEnabled(false);  
}  
if (seat == 69) {
```

```
        c69.setEnabled(false);
    }
    if (seat == 70) {
        c70.setEnabled(false);
    }
    if (seat == 71) {
        c71.setEnabled(false);
    }
    if (seat == 72) {
        c72.setEnabled(false);
    }
    if (seat == 73) {
        c73.setEnabled(false);
    }
    if (seat == 74) {
        c74.setEnabled(false);
    }
    if (seat == 75) {
        c75.setEnabled(false);
    }
    if (seat == 76) {
        c76.setEnabled(false);
    }
    if (seat == 77) {
        c77.setEnabled(false);
    }
    if (seat == 78) {
        c78.setEnabled(false);
    }
    if (seat == 79) {
        c79.setEnabled(false);
    }
    if (seat == 80) {
        c80.setEnabled(false);
    }
    if (seat == 81) {
        c81.setEnabled(false);
    }
    if (seat == 82) {
        c82.setEnabled(false);
    }
    if (seat == 83) {
        c83.setEnabled(false);
    }
    if (seat == 84) {
        c84.setEnabled(false);
    }
```

```
}
if (seat == 85) {
    c85.setEnabled(false);
}
if (seat == 86) {
    c86.setEnabled(false);
}
if (seat == 87) {
    c87.setEnabled(false);
}
if (seat == 88) {
    c88.setEnabled(false);
}
if (seat == 89) {
    c89.setEnabled(false);
}
if (seat == 90) {
    c90.setEnabled(false);
}
if (seat == 91) {
    c91.setEnabled(false);
}
if (seat == 92) {
    c92.setEnabled(false);
}
if (seat == 93) {
    c93.setEnabled(false);
}
if (seat == 94) {
    c94.setEnabled(false);
}
if (seat == 95) {
    c95.setEnabled(false);
}
if (seat == 96) {
    c96.setEnabled(false);
}
if (seat == 97) {
    c97.setEnabled(false);
}
if (seat == 98) {
    c98.setEnabled(false);
}
if (seat == 99) {
    c99.setEnabled(false);
}
}
```



```
        if (seat == 101) {
            c101.setEnabled(false);
        }
        if (seat == 102) {
            c102.setEnabled(false);
        }
        if (seat == 103) {
            c103.setEnabled(false);
        }
        if (seat == 104) {
            c104.setEnabled(false);
        }
        if (seat == 105) {
            c105.setEnabled(false);
        }
        if (seat == 106) {
            c106.setEnabled(false);
        }
        if (seat == 107) {
            c107.setEnabled(false);
        }
        if (seat == 108) {
            c108.setEnabled(false);
        }
        if (seat == 109) {
            c109.setEnabled(false);
        }
        if (seat == 110) {
            c110.setEnabled(false);
        }
        if (seat == 111) {
            c111.setEnabled(false);
        }
        if (seat == 112) {
            c112.setEnabled(false);
        }
    }
} catch (Exception e) {
    JOptionPane.showMessageDialog(this, "Error: " +
e.getMessage());
}
}

public void book(String CustId, Long ShowId, int SeatNo) {
    try {
        Class.forName("java.sql.DriverManager");
```

```
        Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/kleon",
"root", "pgo95493");
        String sql;
        sql = "insert into
tickets(CustUsername,ShowId,SeatNo) values('" + CustId + "',' +
ShowId + "',' + SeatNo + "')";
        Statement st1 = con.createStatement();
        int row = st1.executeUpdate(sql);

    } catch (Exception e) {
        JOptionPane.showMessageDialog(this, "Error: " +
e.getMessage());
    }
}
private void jButton1ActionPerformed(java.awt.event.ActionEvent
evt) {
    // TODO add your handling code here:
    String CustId = jLabel2.getText();
    Long ShowId = Long.parseLong(jLabel3.getText());
    //BOOKING
    if (c1.isSelected()) {
        book(CustId, ShowId, 1);
    }
    if (c2.isSelected()) {
        book(CustId, ShowId, 2);
    }
    if (c3.isSelected()) {
        book(CustId, ShowId, 3);
    }
    if (c4.isSelected()) {
        book(CustId, ShowId, 4);
    }
    if (c5.isSelected()) {
        book(CustId, ShowId, 5);
    }
    if (c6.isSelected()) {
        book(CustId, ShowId, 6);
    }
    if (c7.isSelected()) {
        book(CustId, ShowId, 7);
    }
    if (c8.isSelected()) {
        book(CustId, ShowId, 8);
    }
    if (c9.isSelected()) {
```

```
        book(CustId, ShowId, 9);
    }
    if (c10.isSelected()) {
        book(CustId, ShowId, 10);
    }
    if (c11.isSelected()) {
        book(CustId, ShowId, 11);
    }
    if (c12.isSelected()) {
        book(CustId, ShowId, 12);
    }
    if (c13.isSelected()) {
        book(CustId, ShowId, 13);
    }
    if (c14.isSelected()) {
        book(CustId, ShowId, 14);
    }
    if (c15.isSelected()) {
        book(CustId, ShowId, 15);
    }
    if (c16.isSelected()) {
        book(CustId, ShowId, 16);
    }
    if (c17.isSelected()) {
        book(CustId, ShowId, 17);
    }
    if (c18.isSelected()) {
        book(CustId, ShowId, 18);
    }
    if (c19.isSelected()) {
        book(CustId, ShowId, 19);
    }
    if (c20.isSelected()) {
        book(CustId, ShowId, 20);
    }
    if (c21.isSelected()) {
        book(CustId, ShowId, 21);
    }
    if (c22.isSelected()) {
        book(CustId, ShowId, 22);
    }
    if (c23.isSelected()) {
        book(CustId, ShowId, 23);
    }
    if (c24.isSelected()) {
        book(CustId, ShowId, 24);
    }
```

```
}
if (c25.isSelected()) {
    book(CustId, ShowId, 25);
}
if (c26.isSelected()) {
    book(CustId, ShowId, 26);
}
if (c27.isSelected()) {
    book(CustId, ShowId, 27);
}
if (c28.isSelected()) {
    book(CustId, ShowId, 28);
}
if (c29.isSelected()) {
    book(CustId, ShowId, 29);
}
if (c30.isSelected()) {
    book(CustId, ShowId, 30);
}
if (c31.isSelected()) {
    book(CustId, ShowId, 31);
}
if (c32.isSelected()) {
    book(CustId, ShowId, 32);
}
if (c33.isSelected()) {
    book(CustId, ShowId, 33);
}
if (c34.isSelected()) {
    book(CustId, ShowId, 34);
}
if (c35.isSelected()) {
    book(CustId, ShowId, 35);
}
if (c36.isSelected()) {
    book(CustId, ShowId, 36);
}
if (c37.isSelected()) {
    book(CustId, ShowId, 37);
}
if (c38.isSelected()) {
    book(CustId, ShowId, 38);
}
if (c39.isSelected()) {
    book(CustId, ShowId, 39);
}
}
```

```
if (c40.isSelected()) {  
    book(CustId, ShowId, 40);  
}  
if (c41.isSelected()) {  
    book(CustId, ShowId, 41);  
}  
if (c42.isSelected()) {  
    book(CustId, ShowId, 42);  
}  
if (c43.isSelected()) {  
    book(CustId, ShowId, 43);  
}  
if (c44.isSelected()) {  
    book(CustId, ShowId, 44);  
}  
if (c45.isSelected()) {  
    book(CustId, ShowId, 45);  
}  
if (c46.isSelected()) {  
    book(CustId, ShowId, 46);  
}  
if (c47.isSelected()) {  
    book(CustId, ShowId, 47);  
}  
if (c48.isSelected()) {  
    book(CustId, ShowId, 48);  
}  
if (c49.isSelected()) {  
    book(CustId, ShowId, 49);  
}  
if (c50.isSelected()) {  
    book(CustId, ShowId, 50);  
}  
if (c51.isSelected()) {  
    book(CustId, ShowId, 51);  
}  
if (c52.isSelected()) {  
    book(CustId, ShowId, 52);  
}  
if (c53.isSelected()) {  
    book(CustId, ShowId, 53);  
}  
if (c54.isSelected()) {  
    book(CustId, ShowId, 54);  
}  
if (c55.isSelected()) {
```

```
        book(CustId, ShowId, 55);
    }
    if (c56.isSelected()) {
        book(CustId, ShowId, 56);
    }
    if (c57.isSelected()) {
        book(CustId, ShowId, 57);
    }
    if (c58.isSelected()) {
        book(CustId, ShowId, 58);
    }
    if (c59.isSelected()) {
        book(CustId, ShowId, 59);
    }
    if (c60.isSelected()) {
        book(CustId, ShowId, 60);
    }
    if (c61.isSelected()) {
        book(CustId, ShowId, 61);
    }
    if (c62.isSelected()) {
        book(CustId, ShowId, 62);
    }
    if (c63.isSelected()) {
        book(CustId, ShowId, 63);
    }
    if (c64.isSelected()) {
        book(CustId, ShowId, 64);
    }
    if (c65.isSelected()) {
        book(CustId, ShowId, 65);
    }
    if (c66.isSelected()) {
        book(CustId, ShowId, 66);
    }
    if (c67.isSelected()) {
        book(CustId, ShowId, 67);
    }
    if (c68.isSelected()) {
        book(CustId, ShowId, 68);
    }
    if (c69.isSelected()) {
        book(CustId, ShowId, 69);
    }
    if (c70.isSelected()) {
        book(CustId, ShowId, 70);
    }
```

```
}
if (c71.isSelected()) {
    book(CustId, ShowId, 71);
}
if (c72.isSelected()) {
    book(CustId, ShowId, 72);
}
if (c73.isSelected()) {
    book(CustId, ShowId, 73);
}
if (c74.isSelected()) {
    book(CustId, ShowId, 74);
}
if (c75.isSelected()) {
    book(CustId, ShowId, 75);
}
if (c76.isSelected()) {
    book(CustId, ShowId, 76);
}
if (c77.isSelected()) {
    book(CustId, ShowId, 77);
}
if (c78.isSelected()) {
    book(CustId, ShowId, 78);
}
if (c79.isSelected()) {
    book(CustId, ShowId, 79);
}
if (c80.isSelected()) {
    book(CustId, ShowId, 80);
}
if (c81.isSelected()) {
    book(CustId, ShowId, 81);
}
if (c82.isSelected()) {
    book(CustId, ShowId, 82);
}
if (c83.isSelected()) {
    book(CustId, ShowId, 83);
}
if (c84.isSelected()) {
    book(CustId, ShowId, 84);
}
if (c85.isSelected()) {
    book(CustId, ShowId, 85);
}
}
```

```
if (c86.isSelected()) {
    book(CustId, ShowId, 86);
}
if (c87.isSelected()) {
    book(CustId, ShowId, 87);
}
if (c88.isSelected()) {
    book(CustId, ShowId, 88);
}
if (c89.isSelected()) {
    book(CustId, ShowId, 89);
}
if (c90.isSelected()) {
    book(CustId, ShowId, 90);
}
if (c91.isSelected()) {
    book(CustId, ShowId, 91);
}
if (c92.isSelected()) {
    book(CustId, ShowId, 92);
}
if (c93.isSelected()) {
    book(CustId, ShowId, 93);
}
if (c94.isSelected()) {
    book(CustId, ShowId, 94);
}
if (c95.isSelected()) {
    book(CustId, ShowId, 95);
}
if (c96.isSelected()) {
    book(CustId, ShowId, 96);
}
if (c97.isSelected()) {
    book(CustId, ShowId, 97);
}
if (c98.isSelected()) {
    book(CustId, ShowId, 98);
}
if (c99.isSelected()) {
    book(CustId, ShowId, 99);
}
if (c100.isSelected()) {
    book(CustId, ShowId, 100);
}
if (c101.isSelected()) {
```



```
        book(CustId, ShowId, 101);
    }
    if (c102.isSelected()) {
        book(CustId, ShowId, 102);
    }
    if (c103.isSelected()) {
        book(CustId, ShowId, 103);
    }
    if (c104.isSelected()) {
        book(CustId, ShowId, 104);
    }
    if (c105.isSelected()) {
        book(CustId, ShowId, 105);
    }
    if (c106.isSelected()) {
        book(CustId, ShowId, 106);
    }
    if (c107.isSelected()) {
        book(CustId, ShowId, 107);
    }
    if (c108.isSelected()) {
        book(CustId, ShowId, 108);
    }
    if (c109.isSelected()) {
        book(CustId, ShowId, 109);
    }
    if (c110.isSelected()) {
        book(CustId, ShowId, 110);
    }
    if (c111.isSelected()) {
        book(CustId, ShowId, 111);
    }
    if (c112.isSelected()) {
        book(CustId, ShowId, 112);
    }

    new Snacks().setVisible(true);
}
```

7. Data Dictionary

Various tables used in this project are as follows:

S.no	Table Name	Uses
1	billing	to store the Bill Details
2	cinema	to store the names of different Cinemas
3	customer	to store the Room Customer Details
4	employee	to store the Employee Details
5	movies	to store details of all movies
6	offers	To store current discount codes
7	reviews	to store reviews of movies
8	shows	to store individual show details
9	snacks	to store list of available snacks
10	snacktally	to store details of snacks bought by customers
11	temp	To store and circulate session variables in the application

12	Tickets	To store information of tickets bought by customers
----	---------	---

Billing Table:

```
mysql> desc billing;
```

Field	Type	Null	Key	Default	Extra
CustId	int(11)	NO		NULL	
ShowId	int(11)	NO		NULL	
SnackCost	int(11)	NO		NULL	
TicketCost	int(11)	NO		NULL	
TotalCost	int(11)	NO		NULL	

```
5 rows in set (0.01 sec)
```

Cinema Table:

```
mysql> desc cinema;
```

Field	Type	Null	Key	Default	Extra
CinemaId	int(11)	YES		NULL	
CinemaName	varchar(255)	YES		NULL	

```
2 rows in set (0.01 sec)
```

Customer Table:

```
mysql> desc customer;
```

Field	Type	Null	Key	Default	Extra
CustUsername	varchar(255)	NO		NULL	
CustPassword	varchar(255)	NO		NULL	
CustId	int(11)	NO	PRI	NULL	auto_increment
Mail	varchar(255)	NO		NULL	

```
4 rows in set (0.01 sec)
```

Employee Table:

mysql> desc employee;

Field	Type	Null	Key	Default	Extra
EmpUsername	varchar(255)	NO		NULL	
EmpPassword	varchar(255)	NO		NULL	
AdvantageCode	int(11)	NO		NULL	
EmpId	int(11)	NO	PRI	NULL	auto_increment

4 rows in set (0.01 sec)

Movies Table:

Field	Type	Null	Key	Default	Extra
MovieName	varchar(255)	NO		NULL	
MovieThumb	varchar(255)	NO		NULL	
MovieDesc	varchar(255)	NO		NULL	
MovieCertification	varchar(255)	NO		NULL	
MovieTrailer	varchar(255)	NO		NULL	
MovieRating	int(11)	NO		NULL	
MovieDuration	varchar(255)	NO		NULL	
MovieLang	varchar(255)	NO		NULL	
MovieId	int(11)	NO	PRI	NULL	auto_increment

9 rows in set (0.01 sec)

Offers Table:

mysql> desc offers;

Field	Type	Null	Key	Default	Extra
DiscountCode	varchar(255)	NO		NULL	
DiscountPercent	int(11)	NO		NULL	
EmpUsername	varchar(255)	NO		NULL	

3 rows in set (0.01 sec)

Reviews Table:

mysql> desc reviews;

Field	Type	Null	Key	Default	Extra
ReviewId	int(11)	NO	PRI	NULL	
CustId	varchar(100)	YES		NULL	
MovieId	int(11)	NO		NULL	
ReviewText	varchar(255)	NO		NULL	
Rating	int(11)	NO		NULL	
MovRevId	int(3)	YES		NULL	

6 rows in set (0.01 sec)

Shows Table:

mysql> desc shows;

Field	Type	Null	Key	Default	Extra
ShowId	int(11)	NO		NULL	
MovieId	int(11)	NO		NULL	
MovieName	int(11)	NO		NULL	
CinemaId	int(11)	NO		NULL	
Show_Month	int(2)	NO		NULL	
Show_Date	int(2)	NO		NULL	
Show_Time	int(11)	NO		NULL	

7 rows in set (0.01 sec)

Snacks Table:

mysql> desc snacks;

Field	Type	Null	Key	Default	Extra
SnackName	varchar(255)	NO	PRI	NULL	
SnackPrice	int(11)	NO		NULL	

2 rows in set (0.00 sec)

SnackTally Table:

mysql> desc snacktally;

Field	Type	Null	Key	Default	Extra
CustId	varchar(100)	YES		NULL	
SnackName	varchar(30)	YES		NULL	
Size	varchar(1)	NO		NULL	
MovieId	int(11)	NO		NULL	
Qty	int(11)	NO		NULL	
ShowId	int(11)	NO		NULL	

6 rows in set (0.01 sec)

Temp Table:

mysql> desc temp;

Field	Type	Null	Key	Default	Extra
CustUsername	varchar(30)	YES		NULL	
ShowId	int(11)	YES		NULL	
MovieId	int(11)	YES		NULL	
MovieName	varchar(100)	YES		NULL	

4 rows in set (0.01 sec)

Tickets Table:

mysql> desc tickets;

Field	Type	Null	Key	Default	Extra
CustUsername	varchar(100)	YES		NULL	
ShowId	int(11)	YES		NULL	
SeatNo	int(11)	YES		NULL	

3 rows in set (0.01 sec)