



NIIT

A
PROJECT REPORT
ON
Movie Recommendation & Booking
Named
RainbowLink

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Project Report

Movie Management named Rainbowlink

Movies enrich our life and make us know how to think and reflect

Art originates from life. It can reflects the relationship between people and nature through movies.

Movies have penetrated into every aspect of our life and are an indispensable part of it.

Software Requirements

Jdk 1.8

Oracle MySql

Any IDE like Eclipse3.2 or NetBeans 8.0

Software Design

Software design is a solution- “how to approach the creation of a new system”. This important phase is composed of several steps. It provides the understanding and procedural details necessary for implementing the system recommended in the feasibility study.

In software design, there are three distinct types of activities:

- External design
- Architectural design
- Detailed design

External Design

External design of software involves conceiving, planning out and specifying the externally observable characteristics of a software product. These characteristics include user displays, report formats, external data sources, functional requirements , performance requirements and high-level process structure for the product.

External design begins during the analysis phase and continues in the design phase.

Internal Design

Internal design involves conceiving, planning out and specifying the internal structure and processing details of the software product. The goals of internal design are to specify internal structure and processing details, to record design decision and indicate why certain alternatives and trade-offs were chosen, to elaborate the test plan, and to provide a blueprint for implementation, testing, and maintenance activities.

Architectural design

Architectural design concerned with refining the conceptual view of the system, identifying internal processing functions, decomposing high-level functions into sub-functions, and defining internal

data streams and data stores, and establishing relationships and interconnections among functions, data streams, and data stores.

The software will be designed according to the various modules required to full fill all the requirements uncovered in our requirements analysis. The whole system can be divided into a number of modules. The following modules can be recognized in our project:

Start page
The homepage module
Movie introduction module
Select cinema module
Seat selection and ticket purchase module
Login and registration module
Payment and ticket module
User centric module

Start page

The startup page is the transition page of the product, which can improve the brand image and recognition. We display the startup page as a still image with text.

The homepage module

The home page takes the new movie as the core demonstration, for the convenience demonstration. We only played two pages.

Movie introduction module

To show the details of the film, Provide users with as much detailed information as possible.

Select cinema module

There is an interface for selecting theaters. Comfortable spacing makes the selection easier. The red and white color scheme allows you to focus more on your choices.

Seat selection and ticket purchase module

The film blends in with the background and is visually more immersive. Buy tickets, select seats, and log in at one go. Dialog box prompt, so that users who are not logged in can also directly registered.

Login and registration module

This module makes sure that all access to the system is proper and authenticated. All the links and navigation paths are available for manipulating any kink of information only after an authorized person enters a valid set of user ID and PASSWORD. So this module serve as an entry point for the system and only the authorized person can access it.

Payment and ticket module

When you complete the payment, we will send the tickets. For convenience, we can provide wallet balance, WeChat and other payment methods. Generate ticket ticket qr code to facilitate direct scanning to get tickets

User centric module

The user center function and the style have carried on the reorganization, the design We provide VIP card service, top-up service and customer service

Database Design

The whole project is in fact an information management system, which interacts with the database having a number of tables. The tables with their column names and data type are as follows.

Cinema information sheet (电影院信息表)				
Field(字段)	Type(类型)	Null(允许为空)	Key(是否为主键)	Describe(描述)
cld	int(30)	Not null	Yes	Cinema ID
cName	varchar(30)	yes	No	Cinema Name
cAddress	varchar(30)	Yes	no	Cinema Address

Cinema hall information sheet (电影放映厅信息表)				
Field(字段)	Type(类型)	Null(允许为空)	Key(是否为主键)	Describe(描述)
hld	int(30)	No null	Yes	Cinema hall ID
hName	varchar(30)	Yes	No	Hall Name
cld	int(30)	Yes	no	Cinema ID
capacity	int(15)	Yes	no	Hall capacity

Movie information sheet (电影信息表)				
Field(字段)	Type(类型)	Null(允许为空)	Key(是否为主键)	Describe(描述)
mld	int(30)	No	PRI	Movie ID

mName	varchar(45)	Yes		Movie Name
mActor	Varchar(100)	Yes		Movie Actor
mlanguage	varchar(15)	Yes		Movie language
mlocality	varchar(100)	Yes		Movie country
mpicaddress	varchar(50)	Yes		Poster
mDuration	int(30)	Yes		Show time
mType	varchar(15)	Yes		Movie type
mGrade	Double(10.1)	Yes	No	Grade
mTime	date	Yes		Release date
mshow	varchar(50)	Yes		Release condition
mheng	varchar(50)	Yes		Poster

The sample table

Movie information sheet (电影信息表)					
Field (字段)	Type (类型)	Null(允许为空)	Key (键型)	Describe(描述)	范例
mId	int(30)	No	PRI	Movie ID	4
mName	varchar(45)	Yes		Movie Name	极盗者
mActor	Varchar(100)	Yes		Movie Actor	卢克·布雷西 / 卢克·布雷西
mlanguage	varchar(15)	Yes		Movie language	英语
mlocality	varchar(100)	Yes		Movie country	美国 / 113分钟 / 动作 / 科幻 / 动画 / 冒险
mpicaddress	varchar(50)	Yes		Movie poster	C:\Users\10637\Desktop\项目文件\src\images\极盗者.jpg
mDetail	Varchar(300)	yes		Movie details	电影简介
mDuration	int(30)	Yes		Time	113
mType	varchar(15)	Yes		Movie type	3D
mGrade	double	No		Grade	9.8
mTime	date	Yes		Release time	2019-02-15

mshow	varchar(50)	Yes		Release condition	正在上映
mheng	Varchar(50)	Yes		Movie poster2	C:\Users\10637\Desktop\项目文件\src\images\极盗者.jpg

Comment information sheet (评论信息表)				
Field(字段)	Type(类型)	Null(允许为空)	Key(是否为主键)	Describe(描述)
conId	int(30)	No	PRI	Comment ID
ulId	int(30)	Yes		User ID
mId	int(30)	Yes		Movie ID
comment	varchar(300)	Yes		Comment
comTime	datetime	Yes		Comment time

Comment information sheet (评论信息表)				
Field(字段)	Type(类型)	Null(允许为空)	Key(是否为主键)	Describe(描述)
conId	int(30)	No	PRI	Comment ID
ulId	int(30)	Yes		User ID
mId	int(30)	Yes		Movie ID
comment	varchar(300)	Yes		Comment
comTime	datetime	Yes		Comment time

Session information sheet (场次信息表)				
Field(字段)	Type(类型)	Null(允许为空)	Key(是否为主键)	Describe(描述)
sId	int(30)	No	PRI	Session ID
hId	int(30)	Yes		Hall ID
cId	int(30)	Yes		Cinema ID
mId	int(30)	Yes		Movie ID
Begin Time	datetime	Yes		Begin time
Price	double(10.1)	Yes		Ticket price
Remain	int(15)	Yes		Remain seats

Ticket registration information sheet (电影票信息表)				
Field(字段)	Type(类型)	Null(允许为空)	Key(是否为主键)	Describe(描述)
tId	int(30)	No	PRI	Ticket ID
uld	int(30)	Yes		User ID
sId	int(30)	Yes		Session ID
seat	int(15)	Yes		seat

User registration information sheet (用户注册信息表)				
Field(字段)	Type(类型)	Null(允许为空)	Key(是否为主键)	Describe(描述)
uld	int(30)	No	PRI	User ID
uName	varchar(30)	Yes		User Name
uPass	varchar(30)	Yes		User password
Balance	double(10.2)	Yes		Balance
uType	Int(10)	Yes		User Type

Development

After designing the structures of all the modules and database, the project is developed using Java. Implementation of this architecture separates the three parts from each other-data, view and business logic and hence they can be developed separately.

Testing

Before the implementation, functioning of the whole projects need to be tested for insuring proper navigation and valid data entry into the forms and corresponding actions accordingly. This is only after a throughout testing process, when the project is ready to be implemented and to be used by the client in the real environment.

After designing and developing, the application is tested for all logical paths and proper working of all operations. The project is also tested for all navigation links provided in all user interfaces. Finally, the project is tested whether all the requirements listed during requirement analysis are being fulfilled or not.

The approach of testing is illustrated in Figure



Debugging

Debugging is the process of isolating and correcting the causes of known errors. Commonly used debugging methods include:

- Debugging by induction or deduction
 - Debugging by backtracking
- Debugging by induction or deduction proceeds as follows:

- Listing the possible causes for the observed failure
- Using the available information to eliminate various hypotheses
- Elaborating the remaining hypotheses
- Proving or disproving each hypotheses
- Determining the appropriate corrections
- Verifying the corrections

Debugging by backtracking involves working backward in the source code from the point where the error was observed in an attempt to identify the exact point where the error occurred.

Traditional debugging techniques include:

Snapshot dumps—which are machine –level representations of the partial or total program state at a particular point in the execution sequence. For example, core dump during execution of a C program. The image of the program along with all registers are dumped to a file(core) at the point of execution error.

Trace Facilities—which list changes in selected state components. In its simplest form, a trace will print all changes in data values for all variables and changes control flow. For example, in Visual Basic 4.0 usage of watch pane is a trace facility.

Traditional breakpoint facility—interrupts program execution and transfers control to the programmer’s terminal when execution reaches a specified break instruction in the source code, for example, inserting breakpoints in a Visual Basic program by using stop keyword.

Unit Testing

A program unit is usually small enough that the programmer who developed it can test it in great detail and certainly in greater detail than will be possible when the unit is integrated into an evolving software product. As mentioned in previous sessions, there are four categories of tests that a programmer will typically perform on a program unit:

- Functional tests—specify operating condition, input values and expected results. For example, for a function written for string copy, the source or destination string can be passed as null argument. The function should be able to take care of that situation.
- Performance tests—should be designed to verify response time, execution time, throughput, primary and secondary memory utilization and traffic rates on data channels and communication links. For example, a query executed takes 5 seconds to display results, is a test for response time. Execution time is the time taken by CPU to execute a program. Throughput is the rate at which data gets transferred from one data source to destination. Primary and secondary memory utilization needs to be optimized. Traffic rates on data channels and communication link testing is applicable for networks.
- Stress tests—are designed to overload a system in various ways. The purpose of a stress test is to determine the limitation of the system. For example, during a sort operation, the available memory can be reduced to see whether the program is able to handle the situation.
- Structural tests—are concerned with examining the internal processing logic of a software system. For example, if a function is responsible for tax calculation, the verification of the logic is a structural test.

System Testing

A system is tested for online responses, volume of transactions, stress, recovery from failure, and usability.

System testing involves two kind of activities—Integration testing and acceptance testing.

Integration Testing

Bottom-up integration is the traditional strategy used to integrate the components of a software system into a functioning whole. Bottom-up integration consists of unit testing, followed by subsystem testing, followed by testing of the entire system. Unit testing has the goal of discovering errors in the individual modules of the system. The primary purpose of subsystem testing is to verify operation of the interfaces between modules in the subsystem. System testing is concerned with the decision logic, control flow, recovery procedures, and throughput, capacity and timing characteristics of the entire system.

Disadvantages of bottom-up testing include:

- Necessity to write and debug test harnesses for modules and subsystems
- Level of complexity that result from combining modules and subsystems into larger units.

Top-down integration starts with the main routine and one or two immediate subordinated routines in the system structure. Top-down integration offers several advantages:

- System integration is distributed throughout the implementation phase. Modules are integrated as they are developed
- Top-level interfaces are tested first
- The top-level routines provide a natural test harness for lower-level routines
- Errors are localized to the new modules and interfaces that are being added

Automated tools in integration testing include:

- Module drivers
- Test data generators
- Environment simulators
- Library management facility to allow easy configuration and reconfiguration of system elements

Acceptance Testing

Acceptance testing involves planning and execution of functional tests, performance tests and stress tests in order to demonstrate that the implemented system satisfies its requirements.

Tools of special importance during acceptance testing include:

- Test Coverage Analyzer—records the control paths followed for each test case.
- Timing Analyzer—also called a profiler, reports the time spent in various regions of the source code under different test cases. These regions of the code are areas to concentrate on to improve system performance.
- Coding Standards—static analyzer and standard checkers are used to inspect code for deviations from standards and guidelines.

Snapshots and introduction

Start page



The homepage module

The image displays a mobile movie homepage interface. At the top, it shows the location as '海口' (Haikou) and the cinema as '海口万达广场店' (Haikou Wanda Plaza Cinema), with a distance of '18.8km'. The main content area features two movie cards.

Top Movie Card: *Spider-Man: Across the Spider-Verse* (正在热映 / 即将上映). It includes a large image of Spider-Man in his red and blue suit, a rating of '8.7 豆瓣评分' (8.7 Douban Rating), and three viewing options: 3D, IMAX3D, and 4D. A red '购票' (Buy Ticket) button is at the bottom left, and a '下一个 >' (Next) button is at the bottom right. A user profile icon is in the top right corner.

Bottom Movie Card: *复仇者联盟4* (正在热映 / 即将上映). It features a large image of the 'A' logo from the movie, a rating of '9.3 豆瓣评分' (9.3 Douban Rating), and three viewing options: 3D, IMAX3D, and 4D. A red '购票' (Buy Ticket) button is at the bottom left, and a '下一个 >' (Next) button is at the bottom right. A user profile icon is in the top right corner.

Movie introduction module

The image shows a mobile movie introduction interface for 'Spider-Man: Across the Spider-Verse'. The top half features a large, dynamic image of Miles Morales in his Spider-Man suit, swinging through a city at night with a red and purple color palette. Below this, the movie title '蜘蛛侠：平行宇宙' is displayed in large, bold Chinese characters. Underneath the title is the movie's information: '美国 / 116分钟 / 动作 / 科幻 / 动画 / 冒险'. There are three viewing options: '3D', 'IMAX3D', and '4D'. A '查看详情 >' button is located to the left of the viewing options, and a red '购票' (Buy Ticket) button is on the right. The bottom half of the interface is a detailed card for the movie. It includes a smaller image of Miles Morales, the title '蜘蛛侠：平行宇宙', the movie's information ('美国 / 116分钟 / 动作 / 科幻 / 动画 / 雪险'), and the same viewing options. To the right of the information are three numerical ratings: '8.7' (综合评分), '98%' (推荐指数), and '19.7' (万人已看). Below these ratings is a section titled '剧情简介' (Plot Summary) with a brief synopsis of the movie's plot. At the bottom of the card is a section titled '演职人员' (Casting) with four small profile pictures.

蜘蛛侠：平行宇宙

美国 / 116分钟 / 动作 / 科幻 / 动画 / 冒险

3D IMAX3D 4D

查看详情 > 购票

蜘蛛侠：平行宇宙

美国 / 116分钟 / 动作 / 科幻 / 动画 / 雪险

3D IMAX3D 4D

8.7 | 98% | 19.7

综合评分 | 推荐指数 | 万人已看

剧情简介

迈尔斯（沙梅克·摩尔 配音）的父亲是一位一板一眼的警官，而他的母亲则是一名工作勤奋的护士。慈爱的父母对于孩子的成就非常自豪，也希望他能够融入新加入的这所优秀的学校，在这里取得成功。然而迈尔斯的生活因为一次意外变得更加复杂。他被一只放射性蜘蛛咬伤，并因此获得了毒液冲击、伪装隐藏、蜘蛛爬行、超凡听力、蜘蛛感应等一系列超能力。与此同时，这座城里最臭名昭著的犯罪头目金并（列维·施瑞博尔 配音）已经建立起一台高度隐秘的超级对撞机。这台对撞机开启了通往其他宇宙的时空通道，来自其他宇宙、不同版本的蜘蛛侠（包括中年彼得·帕克、女蜘蛛侠格温、暗影蜘蛛侠、蜘蛛侠和潘妮·帕克）也来到了迈尔斯所在的世界。在这些新老角色的帮助下，迈尔斯慢慢学习、逐渐接受挑战，也学会了作为一名超级英雄所要承担的责任。他最终意识到，任何人都可以戴上超级英雄.....

选座购票

演职人员

Select cinema module

< 选择影院

海口康大纵横国际影城 海南省海口市美兰区海甸岛二东路海甸城5层	28元 起
海口中影100都市影城 海南省海口市龙华区解放西路九号金棕榈商业广场四楼	31元 起
海口时代华纳国际影城 海南省海口市美兰区海甸岛和平大道鹏辉广场四楼	25元 起
海口万达影城 海南省海口市龙华区大同路26号万国大都会八层	45元 起

< 选择影院

海口康大纵横国际影城 海南省海口市美兰区海甸岛二东路海甸城5层	28元 起
海口中影100都市影城 海南省海口市龙华区解放西路九号金棕榈商业广场四楼	31元 起
海口时代华纳国际影城 海南省海口市美兰区海甸岛和平大道鹏辉广场四楼	25元 起
海口万达影城 海南省海口市龙华区大同路26号万国大都会八层	45元 起

Seat selection and ticket purchase module

< 海口时代华纳国际影城

蜘蛛侠：平行宇宙

美国 / 116分钟 / 动作 / 科幻 / 动画 / 冒险

3D IMAX3D 4D

今天 (5月6日) 明天 (5月7日)

时间	场次	类型	座位数	票价	购票
9:30	3D/英文 11:05散场	3D/英文 6号厅 ScreenX	45元 VIP卡享38元	45元 购票	
10:15	3D/英文 11:45散场	3D/英文 1号厅	45元 VIP卡享38元	45元 购票	
13:30	IMAX3D/英文 15:10散场	IMAX3D/英文 2号厅	45元 VIP卡享38元	45元 购票	

< 蜘蛛侠：平行宇宙

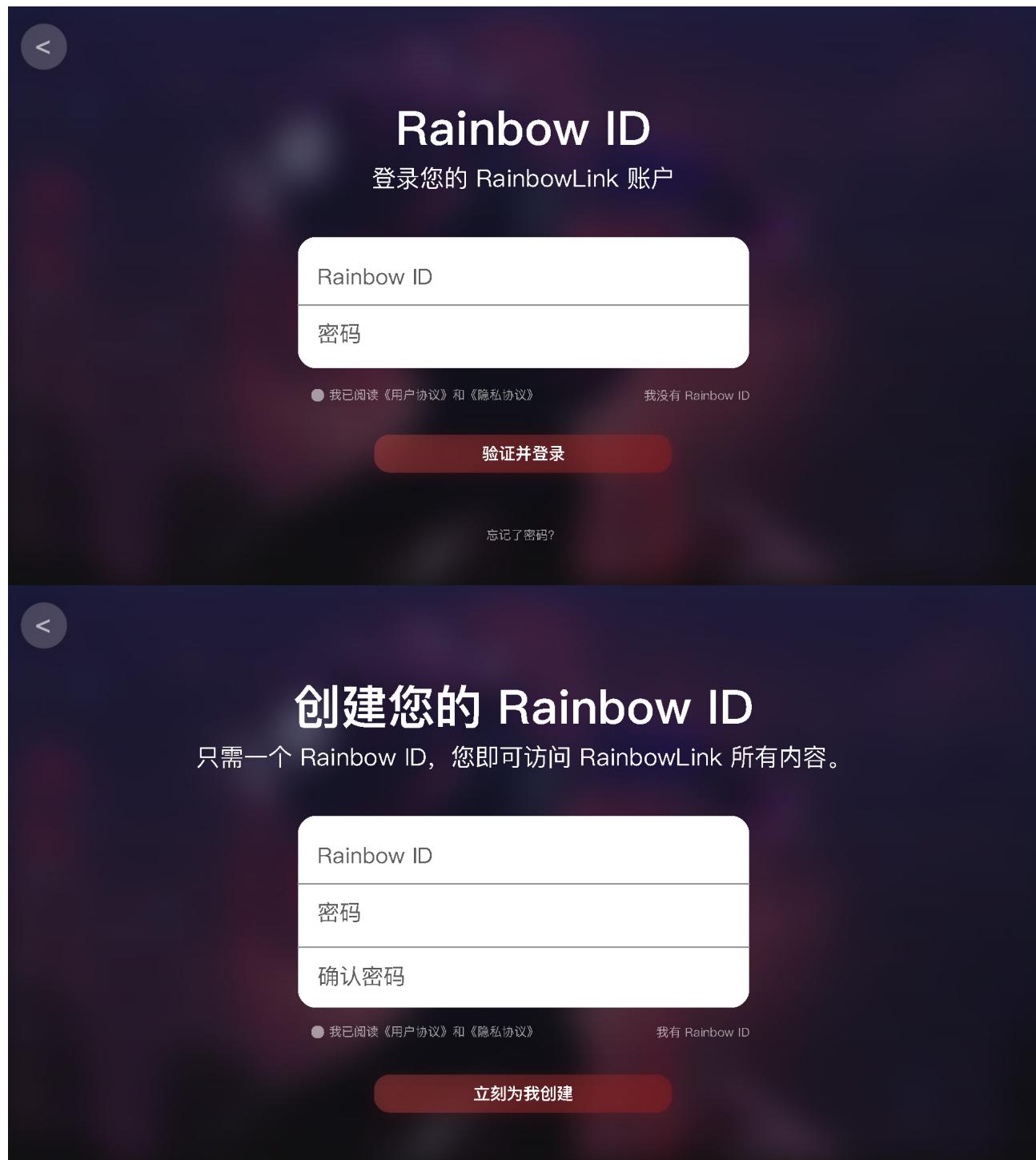
可选 已售 已选

行	1	2	3	4	5	6	7	8
1	■	■	■	■	■	■	■	■
2	■	■	■	■	■	■	■	■
3	■	■	■	■	■	■	■	■
4	■	■	■	■	■	■	■	■
5	■	■	■	■	■	■	■	■
6	■	■	■	■	■	■	■	■
7	■	■	■	■	■	■	■	■
8	■	■	■	■	■	■	■	■

暂无选座信息

请选择您心仪的座位

Login and registration module

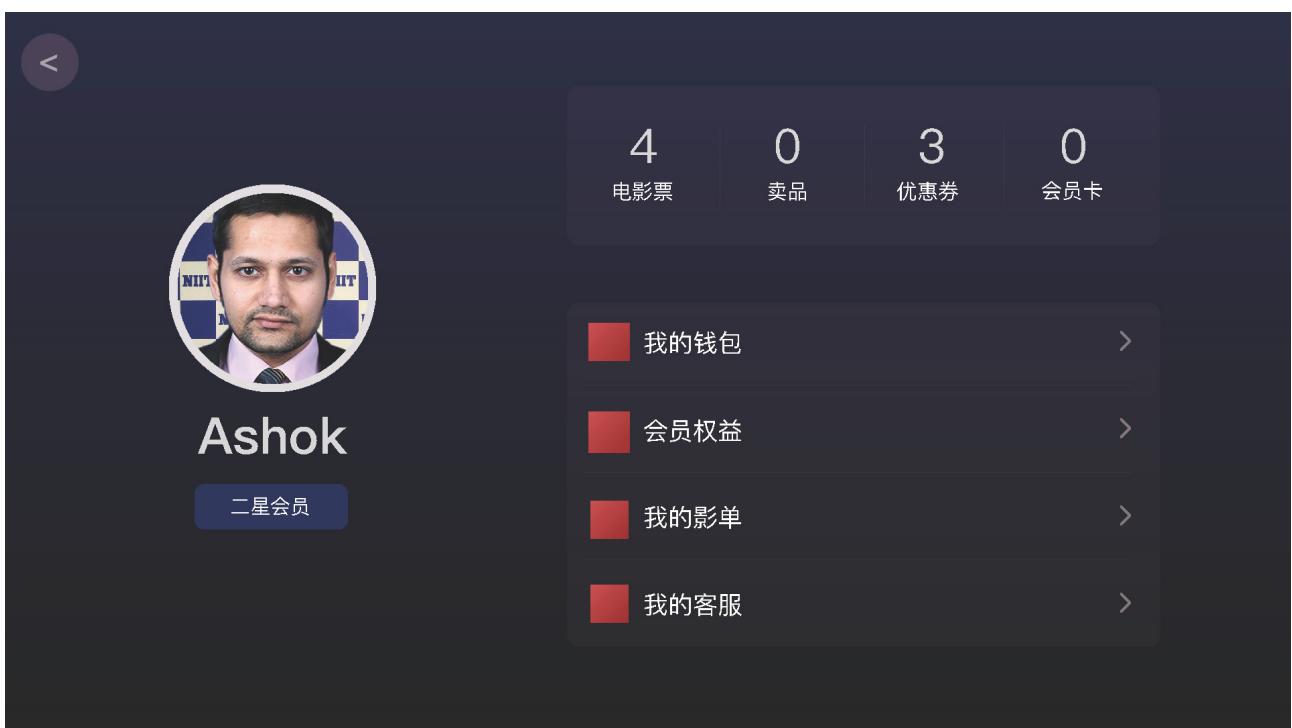


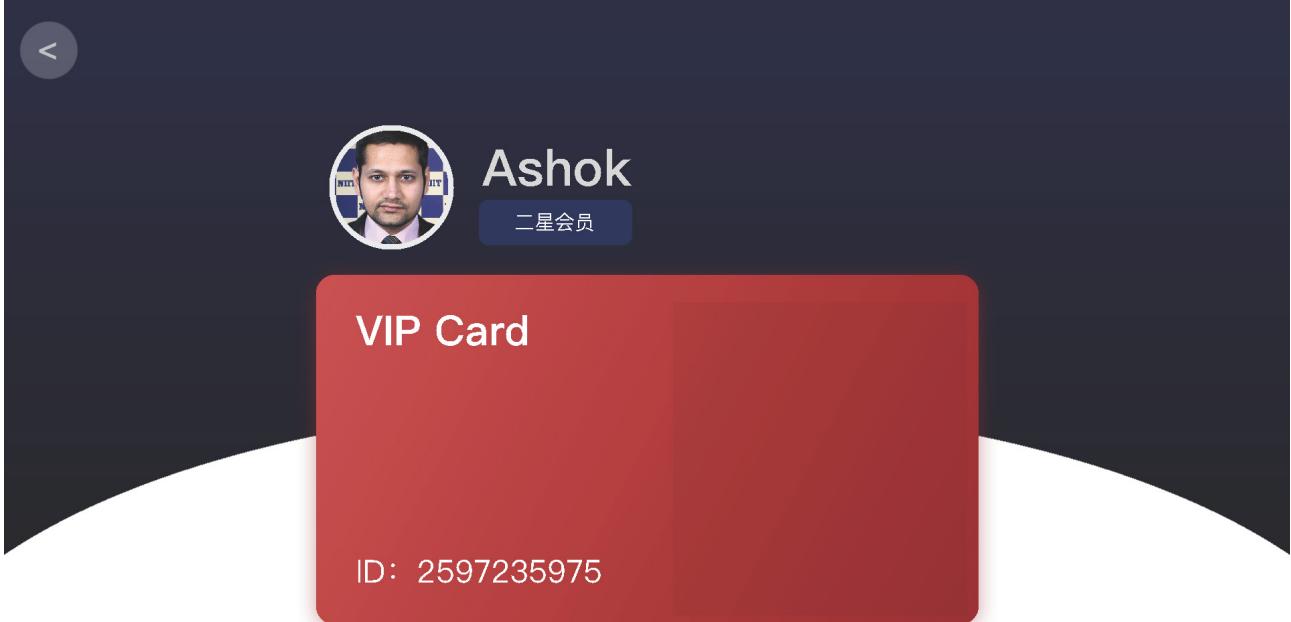
Payment and ticket module





User centric module







Codes

A1.java



```
package AdminsUI;

import java.awt.Dimension;
import java.awt.Toolkit;
import javax.swing.JOptionPane;

public class A1 extends javax.swing.JFrame {

    public A1() {
        Dimension screensize = Toolkit.getDefaultToolkit().getScreenSize();
        int x = ((int) screensize.getWidth() - 1120)/ 2;
        int y = ((int) screensize.getHeight() -630)/ 2;
        setLocation(x, y);

        initComponents();
    }

    private void initComponents() {
        pack();
    }

    private void mmActionPerformed(java.awt.event.ActionEvent evt) {
        new A3().setVisible(true);
        dispose();
    }

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

```

        new A7().setVisible(true);
        dispose();
    }

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

        new A2().setVisible(true);
        dispose();
    }

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

        new A4().setVisible(true);
        dispose();
    }

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

        new A5().setVisible(true);
        dispose();
    }

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

        new A6().setVisible(true);
        dispose();
    }

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

        new A8().setVisible(true);
        dispose();
    }

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

        System.exit(0);
    }

    public static void main(String args[]) {
        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(A1.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
        } catch (InstantiationException ex) {

            java.util.logging.Logger.getLogger(A1.class.getName()).log(java.util.logging.Level.SEVERE

```

```

RE, null, ex);
    } catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(A1.class.getName()).log(java.util.logging.Level.SEVERE,
RE, null, ex);
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(A1.class.getName()).log(java.util.logging.Level.SEVERE,
RE, null, ex);
    }
    java.awt.EventQueue.invokeLater(new Runnable() {

        public void run() {
            new A1().setVisible(true);
        }
    });
}
}
}

```

A2.java



```

package AdminsUI;

import com.zyp.entity.Movie;
import com.zyp.service.MovieService;
import com.zyp.service.impl.MovieServiceImpl;
import java.awt.Dimension;
import java.awt.Toolkit;
import java.text.ParseException;
import java.text.SimpleDateFormat;
import java.util.Date;

```

```

import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.JOptionPane;

public class A2 extends javax.swing.JFrame {

    private MovieService movieservice = new MovieServiceImpl();

    public A2() {
        Dimension screensize = Toolkit.getDefaultToolkit().getScreenSize(); //获得屏幕尺寸
        int x = ((int) screensize.getWidth() - 1120) / 2;
        int y = ((int) screensize.getHeight() - 630) / 2;
        setLocation(x, y); //将JFrame出现在屏幕中间

        initComponents();
    }

    private void initComponents() {
        mGrade.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                mGradeActionPerformed(evt);
            }
        });

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

        add.setBackground(new java.awt.Color(255, 255, 255));
        add.setFont(new java.awt.Font("微软雅黑", 0, 20)); // NOI18N
        add.setText("添加");
        add.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                addActionPerformed(evt);
            }
        });
    }

    cancel.setBackground(new java.awt.Color(255, 255, 255));
    cancel.setFont(new java.awt.Font("微软雅黑", 0, 20)); // NOI18N
    cancel.setText("返回");
    cancel.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            cancelActionPerformed(evt);
        }
    });
}

jLabel12.setFont(new java.awt.Font("微软雅黑", 0, 20)); // NOI18N
jLabel12.setForeground(new java.awt.Color(255, 255, 255));
jLabel12.setText("电影时长：");

```

```

mDuration.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        mDurationActionPerformed(evt);
    }
});
getContentPane().add(jPanel1, "card3");

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

private void actionPerformed(java.awt.event.ActionEvent evt) {
try {
    String movieName = mName.getText();
    String movielang = mLanuage.getText();
    String movieloa = mlocality.getText();
    String picaddress = mPicaddress.getText();
    String score = mGrade.getText();
    String detail = mdetail.getText();
    String type = mType.getText();
    String show = mshow.getText();
    String heng = mheng.getText();
    String actor = mActor.getText();
    int duration = mDuration.getColumns();
    java.text.SimpleDateFormat formatter = new SimpleDateFormat("yyyy-MM-
dd");
    String s = mTime.getText();
    Date time = formatter.parse(s); // 把String向date转换

    if (judge()) {
        try {
            System.out.println(mType);
            double mscore = Double.parseDouble(score);
            Movie movie = new Movie(movieName, actor, movielang, movieloa,
picaddress, detail, duration, type, mscore, time, show, heng);
            if (movieservice.addMovie(movie) == 1) { // 执行数据输入并判断是否添加成
功
                JOptionPane.showMessageDialog(null, "添加成功");
                reset(); // 使用重置方法使得窗口内的输入框重新为空
            } else {
                JOptionPane.showMessageDialog(null, "添加失败");
            }
        } catch (NumberFormatException e2) {
            // TODO: handle exception
            JOptionPane.showMessageDialog(null, "格式错误");
        }
    }
} catch (ParseException ex) {
    Logger.getLogger(A2.class.getName()).log(Level.SEVERE, null, ex);
    JOptionPane.showMessageDialog(null, "输入日期格式错误");
}
}

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

```

```

new A1().setVisible(true);
dispose();
}

public boolean judge() {//判断输入框是否都不为空
    if ("").equals(mName.getText())) {
        JOptionPane.showMessageDialog(null, "电影名字不能为空");
        return false;
    }
    if ("").equals(mActor.getText())) {
        JOptionPane.showMessageDialog(null, "电影简介不能为空");
        return false;
    }
    if ("").equals(mLanguage.getText())) {
        JOptionPane.showMessageDialog(null, "电影语言不能为空");
        return false;
    }
    if ("").equals(mlocality.getText())) {
        JOptionPane.showMessageDialog(null, "电影国家不能为空");
        return false;
    }
    if ("").equals(mpicaddress.getText())) {
        JOptionPane.showMessageDialog(null, "海报地址不能为空");
        return false;
    }
    if ("").equals(mdetail.getText())) {
        JOptionPane.showMessageDialog(null, "简介不能为空");
        return false;
    }
    if ("").equals(mType.getText())) {
        JOptionPane.showMessageDialog(null, "电影类型不能为空");
        return false;
    }
    if ("").equals(mGrade.getText())) {
        JOptionPane.showMessageDialog(null, "评分不能为空");
        return false;
    }
    if ("").equals(mshow.getText())) {
        JOptionPane.showMessageDialog(null, "电影上映情况不能为空");
        return false;
    }
    if ("").equals(mheng.getText())) {
        JOptionPane.showMessageDialog(null, "电影横板海报不能为空");
        return false;
    }
    if ("").equals(mTime.getText())) {
        JOptionPane.showMessageDialog(null, "电影上映时间不能为空");
        return false;
    }
    if ("").equals(mDuration.getText())) {
        JOptionPane.showMessageDialog(null, "电影时长不能为空");
    }
}

```

```

        return false;
    }
    return true;
}

public void reset() {//重置输入框
    mName.setText("");
    mActor.setText("");
    mLanuage.setText("");
    mlocality.setText("");
    mPicaddress.setText("");
    mdetail.setText("");
    mType.setText("");
    mGrade.setText("");
    mshow.setText("");
    mheng.setText("");
}
}

```

A3.java



```

package AdminsUI;

import com.zyp.service.MovieService;
import com.zyp.service.impl.MovieServiceImpl;
import java.awt.Color;
import java.awt.Dimension;
import java.awt.Font;
import java.awt.Toolkit;
import java.text.ParseException;

```

```

import java.text.SimpleDateFormat;
import java.util.Date;
import java.util.List;
import java.util.Vector;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.JLabel;
import javax.swing.JOptionPane;
import javax.swing.table.DefaultTableCellRenderer;
import javax.swing.table.DefaultTableModel;

public class A3 extends javax.swing.JFrame {

    private MovieService movieservice = new MovieServiceImpl();
    private List<com.zyp.entity.Movie> movieList;
    private int row = -1;

    public A3() {
        Dimension screensize = Toolkit.getDefaultToolkit().getScreenSize(); //得到屏幕尺寸
        int x = ((int) screensize.getWidth() - 1120) / 2;
        int y = ((int) screensize.getHeight() - 630) / 2;
        setLocation(x, y); //将UI展示于屏幕中央
        initComponents();
    }

    private void initComponents() {
        search.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                searchActionPerformed(evt);
            }
        });

        movietable.setModel(new DefaultTableModel(
            new Object[][] {
                {},
                new String[] {
                    "电影编号", "电影名字", "语言", "地区", "海报地址", "时长", "类别", "分数"
                }
            },
            boolean[] columnEditables = new boolean[] {
                false, false, false, false, false, false, false
            };
            public boolean isCellEditable(int row, int column) {
                return columnEditables[column];
            }
        ));
        fillTable( movieList);

        DefaultTableCellRenderer r = new DefaultTableCellRenderer();
        r.setHorizontalAlignment(JLabel.CENTER);
        movietable.setDefaultRenderer(Object.class, r);
        movietable.setRowHeight(70);
        movietable.getTableHeader().setFont(new Font("楷体", 1, 20));
        movietable.getTableHeader().setBackground(Color.orange);
    }
}

```

```

movietable.getTableHeader().setReorderingAllowed(false); // 不可交换顺序
movietable.getTableHeader().setResizingAllowed(false); // 不可拉动表格
movietable.addMouseListener(new java.awt.event.MouseAdapter() {
    public void mousePressed(java.awt.event.MouseEvent evt) {
        movietableMousePressed(evt);
    }
});
jScrollPane1.setViewportView(movietable);

serNameText.setFont(new java.awt.Font("微软雅黑", 0, 12)); // NOI18N
serNameText.setForeground(new java.awt.Color(51, 51, 51));
serNameText.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        serNameTextActionPerformed(evt);
    }
});
serTypecomboBox.setModel(new javax.swing.DefaultComboBoxModel(new String[]
{ "2D", "3D", "IMAX3D" }));

txtrDetailtest.setLineWrap(true);      //激活自动换行功能
txtrDetailtest.setWrapStyleWord(true);   // 激活断行不断字功能
txtrDetailtest.setColumns(20);
txtrDetailtest.setRows(5);
jScrollPane2.setViewportView(txtrDetailtest);

getContentPane().add(jPanel1, "card2");

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

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

row = movietable.getSelectedRow();
if (row != -1) {
    mldText.setText(String.valueOf(movieList.get(row).getmId()));
    mlocaText.setText(movieList.get(row).getMlocality());
    movielangText.setText(movieList.get(row).getMlanguage());
    movieNameText.setText(movieList.get(row).getmName());
    moviepicadreText.setText(movieList.get(row).getmPicaddress());
    txtrDetailtest.setText(movieList.get(row).getmDetail());
    movieTypeText.setText(movieList.get(row).getmType());
    timeText.setText(String.valueOf(movieList.get(row).getmDuration()));
    scoreText.setText(String.valueOf(movieList.get(row).getmGrade()));
    movieactorText.setText(String.valueOf(movieList.get(row).getmActor()));
    movieTypeText.setText(String.valueOf(movieList.get(row).getmType()));
    showtime.setText(String.valueOf(movieList.get(row).getmTime()));
    movieheng.setText(String.valueOf(movieList.get(row).getmheng()));
    movieshow.setText(String.valueOf(movieList.get(row).getmshow()));

} else {
    JOptionPane.showMessageDialog(null, "未选定电影");
}
// TODO add your handling code here:
}

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

```

```

String mType = (String) serTypecomboBox.getSelectedItem();
String mName = serNameText.getText();
movieList = movieservice.queryMovieByTypeandName(mType, mName);
fillTable(movieList);

}

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

    if (row != -1) {
        int mld = Integer.parseInt(mldText.getText());
        movieList.remove(row);
        if (movieservice.delMovie(mld)) {//删除所选电影
            JOptionPane.showMessageDialog(null, "删除成功");
            fillTable(movieList);
        } else {
            JOptionPane.showMessageDialog(null, "删除失败");
            reset();
        }
    } else {
        JOptionPane.showMessageDialog(null, "请选择电影");
    }
    // TODO add your handling code here:
}

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

    //更新数据

    if (row != -1) {
        if (judge()) {
            try {
                int mld = Integer.parseInt(mldText.getText());
                int mtime = Integer.parseInt(timeText.getText());
                String mloca = mlocaText.getText();
                String movielang = movielangText.getText();
                String moviepicadre = moviepicadreText.getText();
                String movieDe = txtrDetailtest.getText();
                String movieType = movieTypeText.getText();
                String movieName = movieNameText.getText();
                double mscore = Double.parseDouble(scoreText.getText());
                String mshow = movieshow.getText();
                String mheng = movieheng.getText();
                String mActor = movieactorText.getText();
                String mTime = showtime.getText();
                java.text.SimpleDateFormat formatter = new SimpleDateFormat("yyyy-MM-dd");
                Date Time = formatter.parse(mTime);//把String向date转换
                //Date Time = new Date(mTime);

                com.zyp.entity.Movie movie = new com.zyp.entity.Movie(mld,
                movieName, mActor, movielang, mloca, moviepicadre, movieDe, mtime, movieType,

```

```

mscore, Time, mshow, mheng);
    if (movieservice.updateMovie(movie)) {
        JOptionPane.showMessageDialog(null, "修改成功");
    } else {
        JOptionPane.showMessageDialog(null, "修改失败");
    }
    movieList = movieservice.queryAllMovie();
    fillTable(movieList);
    reset();
} catch (ParseException ex) {
    Logger.getLogger(A3.class.getName()).log(Level.SEVERE, null, ex);
} catch (NumberFormatException e2) {
    // TODO: handle exception
    JOptionPane.showMessageDialog(null, "格式错误");
}
}

} else {
    JOptionPane.showMessageDialog(null, "请选择电影");
}
// TODO add your handling code here:
}

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

    new A1().setVisible(true);
    dispose();
    // TODO add your handling code here:
}

//这是一个填充的函数
private void fillTable(List<com.zyp.entity.Movie> movieList2) {
    // TODO Auto-generated method stub
    DefaultTableModel dtm = (DefaultTableModel) movietable.getModel();
    dtm.setRowCount(0); // 设置成0行
    int movieRow = movieList2.size();
    for (int i = 0; i < movieRow; i++) {//一行一行的录入
        Vector v = new Vector();
        v.add(movieList2.get(i).getmId());
        v.add(movieList2.get(i).get mName());
        v.add(movieList2.get(i).getMlanguage());
        v.add(movieList2.get(i).getMlocality());
        v.add(movieList2.get(i).getmPidaddress());
        v.add(movieList2.get(i).getmDuration());
        v.add(movieList2.get(i).getmType());
        v.add(movieList2.get(i).getmGrade());
        dtm.addRow(v);
    }
}

//判断输入框是否为空
public boolean judge() {
    if ("").equals(movieNameText.getText())) {
        JOptionPane.showMessageDialog(null, "电影名字不能为空");
    }
}

```

```

        return false;
    }
    if ("".equals(movielangText.getText())) {
        JOptionPane.showMessageDialog(null, "电影语言不能为空");
        return false;
    }
    if ("".equals(mlocaText.getText())) {
        JOptionPane.showMessageDialog(null, "电影地址不能为空");
        return false;
    }
    if ("".equals(moviepicadreText.getText())) {
        JOptionPane.showMessageDialog(null, "海报地址不能为空");
        return false;
    }
    if ("".equals(timeText.getText())) {
        JOptionPane.showMessageDialog(null, "电影时长不能为空");
        return false;
    }
    if ("".equals(scoreText.getText())) {
        JOptionPane.showMessageDialog(null, "评分不能为空");
        return false;
    }
    if ("".equals(showtime.getText())) {
        JOptionPane.showMessageDialog(null, "电影上映时间不能为空");
        return false;
    }
    if ("".equals(movieheng.getText())) {
        JOptionPane.showMessageDialog(null, "电影横板海报不能为空");
        return false;
    }
    if ("".equals(movieactorText.getText())) {
        JOptionPane.showMessageDialog(null, "电影演员不能为空");
        return false;
    }
    return true;
}
//重写输入框

public void reset() {
    movieNameText.setText("");
    movielangText.setText("");
    mlocaText.setText("");
    moviepicadreText.setText("");
    timeText.setText("");
    scoreText.setText("");
    txtrDetailtest.setText("");
    movieactorText.setText("");
    movieTypeText.setText("");
    timeText.setText("");
    showtime.setText("");
    movieheng.setText("");
    movieshow.setText("");
}
}

```

A4.java



```
package AdminsUI;

import com.zyp.entity.Cinema;
import com.zyp.entity.Session;
import com.zyp.service.CinemaService;
import com.zyp.service.SessionService;
import com.zyp.service.impl.CinemaServiceImpl;
import com.zyp.service.impl.SessionServiceImpl;
import java.awt.*;
import java.awt.event.MouseAdapter;
import java.awt.event.MouseEvent;
import java.util.List;
import java.util.Vector;
import javax.swing.JLabel;
import javax.swing.JOptionPane;
import javax.swing.JTable;
import javax.swing.table.DefaultTableCellRenderer;
import javax.swing.table.DefaultTableModel;

public class A4 extends javax.swing.JFrame {

    private List<Cinema> cinematiclist;
    private CinemaService cinemaservice = new CinemaServiceImpl();
    private int row = -1;
    private LayoutManager groupLayout;

    public A4() {
        Dimension screensize = Toolkit.getDefaultToolkit().getScreenSize();
        int x = ((int) screensize.getWidth() - 1120) / 2;
        int y = ((int) screensize.getHeight() - 630) / 2;
```

```

        setLocation(x, y);
        initComponents();
    }

    private void initComponents() {

        public boolean isCellEditable( int row, int column)
        {
            return false;
        };

        back = new javax.swing.JButton();
        getContentPane().add(jPanel1, "card2");

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

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

        if ("".equals(sercinnametest.getText()) && !"".equals(sercinaddresstest.getText()))
        {
            cinematiclist =
            cinemaservice.queryCinemaByCinemaAddress(sercinaddresstest.getText());
            fillTable(cinematiclist);
        }
        if ("".equals(sercinaddresstest.getText()) && !"".equals(sercinnametest.getText()))
        {
            cinematiclist =
            cinemaservice.queryCinemaByCinemaName(sercinnametest.getText());
            fillTable(cinematiclist);
        }
        if (!"".equals(sercinnametest.getText())
        && !"".equals(sercinaddresstest.getText())){
            cinematiclist =
            cinemaservice.queryCinemaByCinemaNameAndCinemaAddress(sercinnametest.getText(),
            sercinaddresstest.getText());
            fillTable(cinematiclist);
        }
        // TODO add your handling code here:
    }

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

        if (row != -1) {
            SessionService sessionservice = new SessionServiceImpl();
            List<Session> list =
            sessionservice.querySessionById(cinematiclist.get(row).getCid());
            if (list.size() != 0) {
                JOptionPane.showMessageDialog(null, "无法删除影院,该影院有场次");
            } else {
                if (cinemaservice.delCinema(cinematiclist.get(row).getCid())) {
                    JOptionPane.showMessageDialog(null, "删除影院成功");
                    cinematiclist.remove(row);
                    fillTable(cinematiclist);
                } else {
                    JOptionPane.showMessageDialog(null, "删除影院失败");
                }
            }
        }
    }
}

```

```

        }
    }
}
// TODO add your handling code here:
}

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

    if (row != -1) {
        if (judge()) {
            cinematiclist.get(row).setCaddress(cineaddrtest.getText());
            cinematiclist.get(row).setCname(cinemametext.getText());
            if (cinemaservice.updateCinema(cinematiclist.get(row))) {
                JOptionPane.showMessageDialog(null, "修改影院成功");
                fillTable(cinematiclist); // 将结果添加进表格中
            } else {
                JOptionPane.showMessageDialog(null, "修改影院失败");
            }
        }
    } else {
        JOptionPane.showMessageDialog(null, "请选择影院");
    }
    // TODO add your handling code here:
}

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

    if (judge()) {
        Cinema cinema = new Cinema(cinemametext.getText(),
cineaddrtest.getText());
        if (cinemaservice.addCinema(cinema) == 1) {
            cinematiclist = cinemaservice.queryAllCinema();
            JOptionPane.showMessageDialog(null, "添加影院成功");
            fillTable(cinematiclist); // 将结果添到表格中
            reset(); // 将输入框清空
        } else if (cinemaservice.addCinema(cinema) == 2) {
            JOptionPane.showMessageDialog(null, "添加影院失败");
        } else {
            JOptionPane.showMessageDialog(null, "影院重复,添加影院失败");
        }
    }
}

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

    new A1().setVisible(true);
    dispose();
}

private void cinematatableMousePressed(java.awt.event.MouseEvent evt) {
    row = cinematatable.getSelectedRow(); // 将点击的行加入到
    if (row != -1) {
        cinemametext.setText(cinematiclist.get(row).getCname());
        cineaddrtest.setText(cinematiclist.get(row).getCaddress());
    }
}

```

```

        } else {
    }
}

private void fillTable(List<Cinema> cinematiclist2) {

    DefaultTableModel dtm = (DefaultTableModel) cinematable.getModel();
    dtm.setRowCount(0);
    int row = cinematiclist2.size();
    for (int i = 0; i < row; i++) {
        Vector v = new Vector();
        v.add(cinematiclist2.get(i).getCid());
        v.add(cinematiclist2.get(i).getcname());
        v.add(cinematiclist2.get(i).getcaddress());
        dtm.addRow(v);
    }
}

public boolean judge() {
    if ("").equals(cinemametext.getText())) {
        JOptionPane.showMessageDialog(null, "电影名字不能为空");
        return false;
    }
    if ("").equals(cineaddrtest.getText())) {
        JOptionPane.showMessageDialog(null, "电影地址不能为空");
        return false;
    }
    return true;
}

public void reset() {
    cinemametext.setText("");
    cineaddrtest.setText("");
}
}

```

A5.java



```
package AdminsUI;

import com.zyp.entity.Cinema;
import com.zyp.entity.Hall;
import com.zyp.service.CinemaService;
import com.zyp.service.HallService;
import com.zyp.service.SessionService;
import com.zyp.service.impl.CinemaServiceImpl;
import com.zyp.service.impl.HallServiceImpl;
import com.zyp.service.impl.SessionServiceImpl;
import java.awt.Color;
import java.awt.Dimension;
import java.awt.Font;
import java.awt.Toolkit;
import java.util.List;
import java.util.Vector;
import javax.swing.JLabel;
import javax.swing.JOptionPane;
import javax.swing.table.DefaultTableCellRenderer;
import javax.swing.table.DefaultTableModel;

public class A5 extends javax.swing.JFrame {

    private List<Cinema> cinematiclist;
    private List<Hall> halllist;
    private CinemaService cinemaservice = new CinemaServiceImpl();
    private HallService hallservice = new HallServiceImpl();
    private SessionService sessionservice = new SessionServiceImpl();
    private int halrow = -1;
```

```

public A5() {

    Dimension screensize = Toolkit.getDefaultToolkit().getScreenSize();
    int x = ((int) screensize.getWidth() - 1120) / 2;
    int y = ((int) screensize.getHeight() - 630) / 2;
    setLocation(x, y);
    initComponents();
}

private void initComponents() {

    getContentPane().add(jPanel1, "card2");

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

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

    if (judge()) {//如果所有的输入框都不为空，那么执行以下语句
        try {
            int cld = Integer.parseInt(cldtext.getText());
            int capacity = Integer.parseInt(capacitytext.getText());
            String cName = hallnametext.getText();

            Hall hall = new Hall(cName, cld, capacity);
            int judge = hallservice.addHall(hall);
            if (judge == 1) {
                JOptionPane.showMessageDialog(null, "添加场厅成功");
                halllist = hallservice.queryAllHallId(cld);

                fillhalltableTable(halllist);
            } else if (judge == 2) {
                JOptionPane.showMessageDialog(null, "添加场厅失败");
            } else {
                JOptionPane.showMessageDialog(null, "已存在此场厅");
            }
        } catch (NumberFormatException e2) {
            // TODO: handle exception
            JOptionPane.showMessageDialog(null, "输入格式错误");
        }
    }
    // TODO add your handling code here:
}

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

    if (judge()) {
        try {
            int cld = Integer.parseInt(cldtext.getText());
            int capacity = Integer.parseInt(capacitytext.getText());
            String hName = hallnametext.getText();
            if (halrow != -1) {
                halllist.get(halrow).setCapacity(capacity);
                halllist.get(halrow).setcId(cld);
                if (cinemaservice.queryCinemaById(cld) != null) {

```

```

        halllist.get(halrow).sethName(hName);
        if (hallservice.updateHall(halllist.get(halrow))) {
            JOptionPane.showMessageDialog(null, "修改成功");
            fillhalltableTable(halllist);
        }
    } else {
        JOptionPane.showMessageDialog(null, "不存在此影院");
    }
}

} catch (NumberFormatException e2) {
    JOptionPane.showMessageDialog(null, "格式错误");
}
}
// TODO add your handling code here:
}

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

    if (judge()) {
        try {
            int cld = Integer.parseInt(cldtext.getText());
            int capacity = Integer.parseInt(capacitytext.getText());
            String hName = hallnametext.getText();
            if (halrow != -1) {
                halllist.get(halrow).setCapacity(capacity);
                halllist.get(halrow).setcId(cld);
                if (cinemaservice.queryCinemaById(cld) != null) {
                    if (sessionservice.querySessionByHid(halllist.get(halrow).gethId()).size() == 0) {
                        halllist.get(halrow).sethName(hName);
                        if (hallservice.delHall(halllist.get(halrow).gethId())) {
                            JOptionPane.showMessageDialog(null, "删除成功");
                            halllist.remove(halrow);
                            fillhalltableTable(halllist);
                        }
                    } else {
                        JOptionPane.showMessageDialog(null, "该场厅有场次，无法删除");
                    }
                } else {
                    JOptionPane.showMessageDialog(null, "不存在此影院");
                }
            }
        } catch (NumberFormatException e2) {
            JOptionPane.showMessageDialog(null, "格式错误");
        }
    }
}

// TODO add your handling code here:
}

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

    int cinemarow = -1;

```

```

cinemarow = cinematable.getSelectedRow();
if (cinemarow != -1) {
    cldtext.setText(String.valueOf(cinemalist.get(cinemarow).getCid()));
    halllist = hallservice.queryAllHallCld(cinemalist.get(cinemarow).getCid());
    fillhalltableTable(halllist);
}
// TODO add your handling code here:
}

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

    halrow = halltable.getSelectedRow();
    if (halrow != -1) {
        hallnametext.setText(halllist.get(halrow).getHName());
        capacitytext.setText(String.valueOf(halllist.get(halrow).getCapacity())));
    }
    // TODO add your handling code here:
}

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

    new A1().setVisible(true);
    dispose();
    // TODO add your handling code here:
}

private void fillhalltableTable(List<Hall> halllist2) {
    // TODO Auto-generated method stub
    DefaultTableModel dtm = (DefaultTableModel) halltable.getModel();
    dtm.setRowCount(0); // 设置成0行
    int hallRow = halllist2.size();
    for (int i = 0; i < hallRow; i++) {
        Vector v = new Vector();
        v.add(halllist2.get(i).getHId());
        v.add(halllist2.get(i).getHName());
        v.add(halllist2.get(i).getCld());
        v.add(halllist2.get(i).getCapacity());
        dtm.addRow(v);
    }
}

private void fillCinemaTable(List<Cinema> cinematiclist2) {
    DefaultTableModel dtm = (DefaultTableModel) cinematable.getModel();
    dtm.setRowCount(0); // 设置成0行
    int cinemaRow = cinematiclist2.size();
    for (int i = 0; i < cinemaRow; i++) {
        Vector v = new Vector();
        v.add(cinematiclist2.get(i).getCid());
        v.add(cinematiclist2.get(i).getCname());
        v.add(cinematiclist2.get(i).getAddress());
        dtm.addRow(v);
    }
}

public boolean judge() {

```

```

        if ("").equals(hallnametext.getText())) {
            JOptionPane.showMessageDialog(null, "场厅名不能为空");
            return false;
        }
        if ("").equals(cldtext.getText())) {
            JOptionPane.showMessageDialog(null, "影院编号不能为空");
            return false;
        }
        if ("").equals(capacitytext.getText())) {
            JOptionPane.showMessageDialog(null, "场厅容量不能为空");
            return false;
        }
        return true;
    }
}

```

A6.java



```

package AdminsUI;

import com.zyp.entity.Cinema;
import com.zyp.entity.Hall;
import com.zyp.entity.Session;
import com.zyp.service.CinemaService;
import com.zyp.service.HallService;
import com.zyp.service.MovieService;
import com.zyp.service.SessionService;
import com.zyp.service.impl.CinemaServiceImpl;

```

```

import com.zyp.service.impl.HallServiceImpl;
import com.zyp.service.impl.MovieServiceImpl;
import com.zyp.service.impl.SessionServiceImpl;
import java.awt.Color;
import java.awt.Dimension;
import java.awt.Font;
import java.awt.Toolkit;
import java.text.ParseException;
import java.text.SimpleDateFormat;
import java.util.Date;
import java.util.List;
import java.util.Vector;
import javax.swing.JLabel;
import javax.swing.JOptionPane;
import javax.swing.table.DefaultTableCellRenderer;
import javax.swing.table.DefaultTableModel;

public class A6 extends javax.swing.JFrame {

    private List<Cinema> cinematiclist;
    private List<Hall> halllist;
    private List<Session> sessionlist;
    private CinemaService cinemaservice = new CinemaServiceImpl();
    private HallService hallservice = new HallServiceImpl();
    private SessionService sessionservice = new SessionServiceImpl();
    private MovieService movieservice = new MovieServiceImpl();

    public A6() {
        Dimension screensize = Toolkit.getDefaultToolkit().getScreenSize();
        int x = ((int) screensize.getWidth() - 1120) / 2;
        int y = ((int) screensize.getHeight() - 630) / 2;
        setLocation(x, y);
        initComponents();
    }

    private void initComponents() {

        jPanel1 = new javax.swing.JPanel();
        jScrollPane1 = new javax.swing.JScrollPane();
        sessiontable = new javax.swing.JTable(){
            public boolean isCellEditable( int row, int column) {
                return false;
            }
        };
        jScrollPane2 = new javax.swing.JScrollPane();
        cinematictable = new javax.swing.JTable(){
            public boolean isCellEditable( int row, int column) {
                return false;
            }
        };
        jScrollPane3 = new javax.swing.JScrollPane();
        halltable = new javax.swing.JTable(){
            public boolean isCellEditable( int row, int column) {
                return false;
            }
        };
    }
}

```

```

};

sessiontable.setModel(new DefaultTableModel(
    new Object[][] {
        },
        new String[] {
            "场次编号", "场厅编号", "影院编号", "电影编号", "开始时间", "价格", "剩余座位"
        }
) {
    boolean[] columnEditables = new boolean[] {
        false, false, false, false, false, false
    };
    public boolean isCellEditable(int row, int column) {
        return columnEditables[column];
    }
});
sessionlist=sessionservice.queryAllSession();
fillsessiontable(sessionlist);
DefaultTableCellRenderer r = new DefaultTableCellRenderer();
r.setHorizontalAlignment(JLabel.CENTER);
sessiontable.setDefaultRenderer(Object.class, r);
sessiontable.setRowHeight(70);
sessiontable.setFont(new Font("楷体", 0, 10));
sessiontable.getTableHeader().setFont(new Font("楷体", 1, 15));
sessiontable.getTableHeader().setBackground(Color.orange);
sessiontable.getTableHeader().setReorderingAllowed(false); // 不可交换顺序
sessiontable.getTableHeader().setResizingAllowed(false); // 不可拉动表格
sessiontable.addMouseListener(new java.awt.event.MouseAdapter() {
    public void mousePressed(java.awt.event.MouseEvent evt) {
        sessiontableMousePressed(evt);
    }
});
jScrollPane1.setViewportView(sessiontable);

cinematable.setModel(new DefaultTableModel(
    new Object[][] {
        },
        new String[] {
            "影院编号", "影院名", "影院地址"
        }
) {
    boolean[] columnEditables = new boolean[] {
        false, false, false
    };
    public boolean isCellEditable(int row, int column) {
        return columnEditables[column];
    }
});
cinemalist=cinemaservice.queryAllCinema();
fillCinemaTable(cinemalist);
r.setHorizontalAlignment(JLabel.CENTER);
cinematable.setDefaultRenderer(Object.class, r);
cinematable.setRowHeight(70);
cinematable.getTableHeader().setFont(new Font("楷体", 1, 20));
cinematable.getTableHeader().setBackground(Color.orange);

```

```

cinematable.getTableHeader().setReorderingAllowed(false); // 不可交换顺序
cinematable.getTableHeader().setResizingAllowed(false); // 不可拉动表格
cinematable.addMouseListener(new java.awt.event.MouseAdapter() {
    public void mousePressed(java.awt.event.MouseEvent evt) {
        cinematableMousePressed(evt);
    }
});
jScrollPane2.setViewportView(cinematable);

halltable.setModel(new DefaultTableModel(
    new Object[][] {
        {},
        new String[] {
            "场厅编号", "场厅名", "影院编号", "场厅容量"
        }
    },
    boolean[] columnEditables = new boolean[] {
        false, false, false, false
    };
    public boolean isCellEditable(int row, int column) {
        return columnEditables[column];
    }
));
halllist=hallservice.queryAllHall();
fillhalltableTable(halllist);
r.setHorizontalAlignment(JLabel.CENTER);
halltable.setDefaultRenderer(Object.class, r);
halltable.setRowHeight(70);
//    halltable.setFont(font);
halltable.getTableHeader().setFont(new Font("楷体", 1, 20));
halltable.getTableHeader().setBackground(Color.orange);
halltable.getTableHeader().setReorderingAllowed(false); // 不可交换顺序
halltable.getTableHeader().setResizingAllowed(false);
halltable.addMouseListener(new java.awt.event.MouseAdapter() {
    public void mousePressed(java.awt.event.MouseEvent evt) {
        halltableMousePressed(evt);
    }
});
jScrollPane3.setViewportView(halltable);

add.setFont(new java.awt.Font("微软雅黑", 0, 18)); // NOI18N
add.setForeground(new java.awt.Color(51, 51, 51));
add.setText("添加场次");
add.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        addActionPerformed(evt);
    }
});
back.setFont(new java.awt.Font("微软雅黑", 0, 18)); // NOI18N
back.setForeground(new java.awt.Color(51, 51, 51));
back.setText("返回上级");
back.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        backActionPerformed(evt);
    }
});

```

```

        }

    });

    getContentPane().add(jPanel1, "card2");

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

private void sessiontableMousePressed(java.awt.event.MouseEvent evt) {
    // TODO add your handling code here:
    int sessionrow = -1;
    sessionrow = sessiontable.getSelectedRow();
    if (sessionrow != -1) {
        jtimeText.setText(new SimpleDateFormat("yyyy-MM-dd
HH:mm:ss").format(sessionlist.get(sessionrow).getBeginTime()));
        jpriceText.setText(String.valueOf(sessionlist.get(sessionrow).getPrice()));
        jmldText.setText(String.valueOf(sessionlist.get(sessionrow).getmld()));
    }
}

private void halltableMousePressed(java.awt.event.MouseEvent evt) {
    int halrow = -1;
    halrow = halltable.getSelectedRow();
    if (halrow != -1) {
        jhallText.setText(String.valueOf(halllist.get(halrow).gethId()));
        jremainText.setText(String.valueOf(halllist.get(halrow).getCapacity()));
        sessionlist = sessionservice.querySessionByHid(halllist.get(halrow).gethId());
        fillsessiontable(sessionlist);
    }
    // TODO add your handling code here:
}

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

    int cinemarow = -1;
    cinemarow = cinematable.getSelectedRow();
    if (cinemarow != -1) {
        jcldText.setText(String.valueOf(cinemalist.get(cinemarow).getCid()));
        halllist = hallservice.queryAllHallCld(cinemalist.get(cinemarow).getCid());
        fillhalltableTable(halllist);
    }
    // TODO add your handling code here:
}

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

    // TODO Auto-generated method stub
    if(judge()) {
        try {
            int hld=Integer.parseInt(jhallText.getText());
            int cld=Integer.parseInt(jcldText.getText());
            int mld=Integer.parseInt(jmldText.getText());
            String time=jtimeText.getText();
            SimpleDateFormat sdf = new SimpleDateFormat("yyyy-MM-dd
HH:mm:ss");
            Date beginTime=sdf.parse(time);
            double price=Double.parseDouble(jpriceText.getText());
            int remain=Integer.parseInt(jremainText.getText());
        }
    }
}

```

```

        if(cinemaservice.queryCinemaById(cId)!=null) {
            if(hallservice.queryHallById(hId)!=null) {
                if(movieservice.queryMovieById(mId)!=null) {
                    Session session = new
Session(hId,cId,mId,beginTime,price,remain);
                    if(sessionService.addSession(session)==1) {
                        JOptionPane.showMessageDialog(null, "添加成功");
                        reset();
                    }else {
                        JOptionPane.showMessageDialog(null, "添加失败");
                    }
                }else {
                    JOptionPane.showMessageDialog(null, "不存在此电影");
                }
            }else {
                JOptionPane.showMessageDialog(null, "不存在此场厅");
            }
        }else {
            JOptionPane.showMessageDialog(null, "不存在此影院厅");
        }
    } catch (NumberFormatException e2) {
        // TODO: handle exception
        JOptionPane.showMessageDialog(null, "输入格式错误");
    } catch (ParseException e1) {
        // TODO Auto-generated catch block
        JOptionPane.showMessageDialog(null, "时间输入格式错误");
    }
}
// TODO add your handling code here:
}

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

    new A1().setVisible(true);
    dispose();
    // TODO add your handling code here:
}

private void fillsessiontable(List<Session> sessionlist2) {
    DefaultTableModel dtm = (DefaultTableModel) sessiontable.getModel();
    dtm.setRowCount(0); // 设置成0行
    int sessionRow = sessionlist2.size();
    for (int i = 0; i < sessionRow; i++) {

        Vector v = new Vector();
        v.add(sessionlist2.get(i).getSId());
        v.add(sessionlist2.get(i).getHId());
        v.add(sessionlist2.get(i).getCId());
        v.add(sessionlist2.get(i).getMId());
        v.add(sessionlist2.get(i).getBeginTime());
        v.add(sessionlist2.get(i).getPrice());
        v.add(sessionlist2.get(i).getRemain());
        dtm.addRow(v);
    }
}

```

```

}

private void fillCinemaTable(List<Cinema> cinematiclist2) {
    DefaultTableModel dtm = (DefaultTableModel) cinematable.getModel();
    dtm.setRowCount(0); // 设置成0行
    int cinemaRow = cinematiclist2.size();
    for (int i = 0; i < cinemaRow; i++) {
        Vector v = new Vector();
        v.add(cinematiclist2.get(i).getCid());
        v.add(cinematiclist2.get(i).getcname());
        v.add(cinematiclist2.get(i).getcaddress());
        dtm.addRow(v);
    }
}

private void fillhalltableTable(List<Hall> halllist2) {
    DefaultTableModel dtm = (DefaultTableModel) halltable.getModel();
    dtm.setRowCount(0); // 设置成0行
    int hallRow = halllist2.size();
    for (int i = 0; i < hallRow; i++) {
        Vector v = new Vector();
        v.add(halllist2.get(i).gethId());
        v.add(halllist2.get(i).gethName());
        v.add(halllist2.get(i).getcId());
        v.add(halllist2.get(i).getCapacity());
        dtm.addRow(v);
    }
}

public boolean judge() {
    if ("").equals(jcldText.getText())) {
        JOptionPane.showMessageDialog(null, "影院编号不能为空");
        return false;
    }
    if ("").equals(jhallText.getText())) {
        JOptionPane.showMessageDialog(null, "场厅编号不能为空");
        return false;
    }
    if ("").equals(jmIdText.getText())) {
        JOptionPane.showMessageDialog(null, "电影编号不能为空");
        return false;
    }
    if ("").equals(jpriceText.getText())) {
        JOptionPane.showMessageDialog(null, "电影价格不能为空");
        return false;
    }
    if ("").equals(jtimeText.getText())) {
        JOptionPane.showMessageDialog(null, "场次时间不能为空");
        return false;
    }
    if ("").equals(jremainText.getText())) {
        JOptionPane.showMessageDialog(null, "剩余座位不能为空");
        return false;
    }
}

```

```

        }
        return true;
    }

    public void reset() {
        jcIdText.setText("");
        jhallText.setText("");
        jmldText.setText("");
        jpriceText.setText("");
        jtimeText.setText("");
        jremainText.setText("");
    }

}

```

A7.java



```

package AdminsUI;

import com.zyp.entity.Cinema;
import com.zyp.entity.Hall;
import com.zyp.entity.Session;
import com.zyp.entity.Ticket;
import com.zyp.service.*;
import com.zyp.service.impl.*;
import java.awt.Color;
import java.awt.Dimension;
import java.awt.Font;
import java.awt.Toolkit;
import java.text.ParseException;
import java.text.SimpleDateFormat;
import java.util.Date;

```

```

import java.util.List;
import java.util.Vector;
import java.util.regex.Matcher;
import java.util.regex.Pattern;
import javax.swing.JLabel;
import javax.swing.JOptionPane;
import javax.swing.JTextField;
import javax.swing.table.DefaultTableCellRenderer;
import javax.swing.table.DefaultTableModel;

/**
 *
 * @author 10637
 */
public class A7 extends javax.swing.JFrame {

    private List<Cinema> cinematiclist;
    private List<Hall> halllist;
    private List<Session> sessionlist;
    private CinemaService cinemaservice = new CinemaServiceImpl();
    private HallService hallservice = new HallServiceImpl();
    private SessionService sessionservice = new SessionServiceImpl();
    private MovieService movieservice = new MovieServiceImpl();
    int sessionrow = -1;

    public A7() {
        Dimension screensize = Toolkit.getDefaultToolkit().getScreenSize();
        int x = ((int) screensize.getWidth() - 1120) / 2;
        int y = ((int) screensize.getHeight() - 630) / 2;
        setLocation(x, y);
        initComponents();
    }

    private void initComponents() {

        DefaultTableCellRenderer r = new DefaultTableCellRenderer();
        r.setHorizontalAlignment(JLabel.CENTER);
        sessiontable = new javax.swing.JTable() {

            @Override
            public boolean isCellEditable(int row, int column) {
                return false;
            }
        };
        search.setFont(new java.awt.Font("微软雅黑", 0, 18)); // NOI18N
        search.setText("搜索");
        search.addActionListener(new java.awt.event.ActionListener() {

            @Override
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                searchActionPerformed(evt);
            }
        });

        sessiontable.setModel(new DefaultTableModel(
            new Object[][]{},
            new String[]{

```

```

        "场次编号", "场厅编号", "影院编号", "电影编号", "开始时间", "价格", "剩余座
位"
    });

    boolean[] columnEditables = new boolean[]{
        false, false, false, false, false, false
    };

    @Override
    public boolean isCellEditable(int row, int column) {
        return columnEditables[column];
    }
});

sessionlist = sessionservice.queryAllSession();
fillsessiontable(sessionlist);
r.setHorizontalAlignment(JLabel.CENTER);
sessiontable.setDefaultRenderer(Object.class, r);
sessiontable.setRowHeight(70);
sessiontable.getTableHeader().setFont(new Font("楷体", 1, 20));
sessiontable.getTableHeader().setBackground(Color.orange);
sessiontable.getTableHeader().setReorderingAllowed(false); // 不可交换顺序
sessiontable.getTableHeader().setResizingAllowed(false); // 不可拉动表格
sessiontable.addMouseListener(new java.awt.event.MouseAdapter() {

    @Override
    public void mousePressed(java.awt.event.MouseEvent evt) {
        sessiontableMousePressed(evt);
    }
});
jScrollPane1.setViewportView(sessiontable);

del.setFont(new java.awt.Font("微软雅黑", 0, 18)); // NOI18N
del.setForeground(new java.awt.Color(51, 51, 51));
del.setText("删除场次");
del.addActionListener(new java.awt.event.ActionListener() {

    @Override
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        delActionPerformed(evt);
    }
});

back.setFont(new java.awt.Font("微软雅黑", 0, 18)); // NOI18N
back.setForeground(new java.awt.Color(51, 51, 51));
back.setText("返回上级");
back.addActionListener(new java.awt.event.ActionListener() {

    @Override
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        backActionPerformed(evt);
    }
});

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

```

```

jPanel1Layout.setHorizontalGroup(
    getContentPane().add(jPanel1, "card2");

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

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

    String mName = sernametext.getText();
    boolean flag = false;
    Pattern p = Pattern.compile("^-[\\d]+?\\d*$");
    Matcher q = p.matcher(mName);
    if (q.matches()) {
        flag = true;
    }
    if (flag) {
        int id = Integer.parseInt(mName);
        com.zyp.entity.Movie movie = movieservice.queryMovieById(id);
        sessionlist = sessionservice.querySessionByMId(movie.getId());
        fillsessiontable(sessionlist);
    } else {
        com.zyp.entity.Movie movie = movieservice.queryMovieByName(mName);
        if (movie == null) {
            JOptionPane.showMessageDialog(null, "不存在该电影");
        } else {
            sessionlist = sessionservice.querySessionByMId(movie.getId());
            if(sessionlist==null){
                JOptionPane.showMessageDialog(null, "该电影未上映");
            }else{
                fillsessiontable(sessionlist);
            }
        }
    }
}

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

    if (sessionrow != -1) {
        if (judge()) {
            try {
                int sld = Integer.parseInt(jsldtext.getText());
                int hld = Integer.parseInt(jhallText.getText());
                int cld = Integer.parseInt(jcldText.getText());
                int mld = Integer.parseInt(jmldText.getText());
                String time = jtimeText.getText();
                SimpleDateFormat sdf = new SimpleDateFormat("yyyy-MM-dd HH:mm:ss");
                Date beginTime = sdf.parse(time);
                double price = Double.parseDouble(jpriceText.getText());
                int remain = Integer.parseInt(jremainText.getText());

                if (cinemaservice.queryCinemaById(cld) != null) {
                    if (hallservice.queryHallById(hld) != null) {
                        if (movieservice.queryMovieById(mld) != null) {
                            Session session = new Session(hld, cld, mld, beginTime, price,
remain);
                            TicketService ticketservice = new TicketServiceImpl();

```

```

        List<Ticket> tlist = ticketservice.queryAllTicketsId(sId);
        if (tlist.size() != 0) {
            JOptionPane.showMessageDialog(null, "无法删除,此场次有用户
购票");
        } else {
            if (sessionservice.delSession(sId)) {
                JOptionPane.showMessageDialog(null, "删除成功");
                sessionlist.remove(sessionrow);
                fillsessiontable(sessionlist);
            } else {
                JOptionPane.showMessageDialog(null, "删除失败");
            }
        } else {
            JOptionPane.showMessageDialog(null, "不存在此电影");
        }
    } else {
        JOptionPane.showMessageDialog(null, "不存在此场厅");
    }
} else {
    JOptionPane.showMessageDialog(null, "不存在此影院厅");
}

} catch (NumberFormatException e2) {
    // TODO: handle exception
    JOptionPane.showMessageDialog(null, "输入格式错误");
} catch (ParseException e1) {
    // TODO Auto-generated catch block
    JOptionPane.showMessageDialog(null, "时间输入格式错误");
}
} else {
    JOptionPane.showMessageDialog(null, "未选择场次");
}

// TODO add your handling code here:
}

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

    sessionrow = sessiontable.getSelectedRow();
    if (sessionrow != -1) {
        jtimeText.setText(new SimpleDateFormat("yyyy-MM-dd
HH:mm:ss").format(sessionlist.get(sessionrow).getBeginTime()));
        jpriceText.setText(String.valueOf(sessionlist.get(sessionrow).getPrice()));
        jmldText.setText(String.valueOf(sessionlist.get(sessionrow).getmId()));
        jsldtext.setText(String.valueOf(sessionlist.get(sessionrow).getsId()));
        jcldText.setText(String.valueOf(sessionlist.get(sessionrow).getcId()));
        jremainText.setText(String.valueOf(sessionlist.get(sessionrow).getRemain()));
        jhallText.setText(String.valueOf(sessionlist.get(sessionrow).gethId()));

    }

    // TODO add your handling code here:
}

```

```

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

    if (judge()) {
        try {
            int sld = Integer.parseInt(jsldtext.getText());
            int hld = Integer.parseInt(jhallText.getText());
            int cld = Integer.parseInt(jclIdText.getText());
            int mld = Integer.parseInt(jmIdText.getText());
            String time = jtimeText.getText();
            SimpleDateFormat sdf = new SimpleDateFormat("yyyy-MM-dd HH:mm:ss");
            Date beginTime = sdf.parse(time);
            double price = Double.parseDouble(jpriceText.getText());
            int remain = Integer.parseInt(jremainText.getText());
            if (cinemaservice.queryCinemaByld(cld) != null) {
                if (hallservice.queryHallByld(hld) != null) {
                    if (movieservice.queryMovieByld(mld) != null) {
                        Session session = new Session(sld, hld, cld, mld, beginTime, price,
remain);

                        if (sessionservice.updateSession(session)) {
                            JOptionPane.showMessageDialog(null, "修改成功");

                        } else {
                            JOptionPane.showMessageDialog(null, "修改失败");
                        }
                    } else {
                        JOptionPane.showMessageDialog(null, "不存在此电影");
                    }
                } else {
                    JOptionPane.showMessageDialog(null, "不存在此场厅");
                }
            } else {
                JOptionPane.showMessageDialog(null, "不存在此影院厅");
            }
        } catch (NumberFormatException e2) {
            // TODO: handle exception
            JOptionPane.showMessageDialog(null, "输入格式错误");
        } catch (ParseException e1) {
            // TODO Auto-generated catch block
            JOptionPane.showMessageDialog(null, "时间输入格式错误");
        }
    }

    // TODO add your handling code here:
}

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

    new A1().setVisible(true);
    dispose();
    // TODO add your handling code here:
}

private void fillsessiontable(List<Session> sessionlist2) {
    DefaultTableModel dtm = (DefaultTableModel) sessiontable.getModel();
}

```

```

        dtm.setRowCount(0); // 设置成0行
        int sessionRow = sessionlist2.size();
        for (int i = 0; i < sessionRow; i++) {

            Vector v = new Vector();
            v.add(sessionlist2.get(i).getSId());
            v.add(sessionlist2.get(i).getHId());
            v.add(sessionlist2.get(i).getCId());
            v.add(sessionlist2.get(i).getMId());
            v.add(sessionlist2.get(i).getBeginTime());
            v.add(sessionlist2.get(i).getPrice());
            v.add(sessionlist2.get(i).getRemain());
            dtm.addRow(v);
        }
    }

    public boolean judge() {
        if ("".equals(jCldText.getText())) {
            JOptionPane.showMessageDialog(null, "影院编号不能为空");
            return false;
        }
        if ("".equals(jHallText.getText())) {
            JOptionPane.showMessageDialog(null, "场厅编号不能为空");
            return false;
        }
        if ("".equals(jMIdText.getText())) {
            JOptionPane.showMessageDialog(null, "电影编号不能为空");
            return false;
        }
        if ("".equals(jPriceText.getText())) {
            JOptionPane.showMessageDialog(null, "电影价格不能为空");
            return false;
        }
        if ("".equals(jTimeText.getText())) {
            JOptionPane.showMessageDialog(null, "场次时间不能为空");
            return false;
        }
        if ("".equals(jRemainText.getText())) {
            JOptionPane.showMessageDialog(null, "剩余座位不能为空");
            return false;
        }
        return true;
    }

    public void reset() {
        jCldText.setText("");
        jHallText.setText("");
        jMIdText.setText("");
        jPriceText.setText("");
        jTimeText.setText("");
        jRemainText.setText("");
    }
}

```

A8.java



```
package AdminsUI;

import com.zyp.entity.Session;
import com.zyp.entity.Ticket;
import com.zyp.entity.User;
import com.zyp.service.SessionService;
import com.zyp.service.TicketService;
import com.zyp.service.UserService;
import com.zyp.service.impl.SessionServiceImpl;
import com.zyp.service.impl.TicketServiceImpl;
import com.zyp.service.impl.UserServiceImpl;
import java.awt.Color;
import java.awt.Dimension;
import java.awt.Font;
import java.awt.Toolkit;
import java.util.List;
import java.util.Vector;
import javax.swing.JLabel;
import javax.swing.JOptionPane;
import javax.swing.table.DefaultTableCellRenderer;
import javax.swing.table.DefaultTableModel;

public class A8 extends javax.swing.JFrame {

    private List<Ticket> ticketlist;
    private TicketService ticketservice = new TicketServiceImpl();
    private int trow = -1;

    public A8() {
```

```

        Dimension screensize = Toolkit.getDefaultToolkit().getScreenSize();
        int x = ((int) screensize.getWidth() - 1120) / 2;
        int y = ((int) screensize.getHeight() - 630) / 2;
        setLocation(x, y);
        initComponents();
    }

private void initComponents() {

    jScrollPane1 = new javax.swing.JScrollPane();
    tickettable = new javax.swing.JTable(){
        public boolean isCellEditable( int row, int column) {
            return false;
        }
    };

    delet = new javax.swing.JButton();
    jLabel1 = new javax.swing.JLabel();
    sldtext = new javax.swing.JTextField();
    back = new javax.swing.JButton();

    setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
    setMaximumSize(new java.awt.Dimension(1120, 630));
    setResizable(false);
    getContentPane().setLayout(new java.awt.CardLayout());

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

    tickettable.setModel(new DefaultTableModel(
        new Object[][] {
            {},
            {"影票编号", "用户编号", "场次编号", "座位号"
        }
    ) {
        boolean[] columnEditables = new boolean[] {
            false, false, false
        };
        public boolean isCellEditable(int row, int column) {
            return columnEditables[column];
        }
    });
    ticketlist=ticketservice.queryAllTicket();
    filltickettable(ticketlist);
    DefaultTableCellRenderer r = new DefaultTableCellRenderer();
    r.setHorizontalAlignment(javax.swing.JLabel.CENTER);
    tickettable.setDefaultRenderer(Object.class, r);
    tickettable.setRowHeight(70);
    tickettable.getTableHeader().setFont(new Font("楷体", 1, 20));
    tickettable.getTableHeader().setBackground(Color.orange);
    tickettable.getTableHeader().setReorderingAllowed(false); // 不可交换顺序
    tickettable.getTableHeader().setResizingAllowed(false); // 不可拉动表格
    tickettable.addMouseListener(new java.awt.event.MouseAdapter() {

```

```

        public void mousePressed(java.awt.event.MouseEvent evt) {
            tickettableMousePressed(evt);
        }
    });
    jScrollPane1.setViewportView(tickettable);

    delet.setFont(new java.awt.Font("微软雅黑", 0, 18)); // NOI18N
    delet.setForeground(new java.awt.Color(51, 51, 51));
    delet.setText("删除");
    delet.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            deletActionPerformed(evt);
        }
    });

    jLabel1.setFont(new java.awt.Font("微软雅黑", 0, 20)); // NOI18N
    jLabel1.setForeground(new java.awt.Color(255, 255, 255));
    jLabel1.setText("场次编号：");

    sldtext.setFont(new java.awt.Font("微软雅黑", 0, 18)); // NOI18N
    sldtext.setForeground(new java.awt.Color(51, 51, 51));
    sldtext.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            sldtextActionPerformed(evt);
        }
    });

    back.setFont(new java.awt.Font("微软雅黑", 0, 18)); // NOI18N
    back.setForeground(new java.awt.Color(51, 51, 51));
    back.setText("返回上级");
    back.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            backActionPerformed(evt);
        }
    });

    getContentPane().add(jPanel1, "card2");

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

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

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

    User user;
    UserService userservice=new UserServiceImpl();
    SessionService sessionservice=new SessionServiceImpl();
    double moneyprice;
    if(trow!=-1) {
        ticketservice.delTicket(ticketlist.get(trow).gettid());
        user=userservice.queryUserByid(ticketlist.get(trow).getuid());
        S e s s i o n
        mysession=sessionservice.querySessionByid(ticketlist.get(trow).getsid()));
}

```

```

mysession.setRemain(mysession.getRemain())+1);
sessionservice.updateSession(mysession);

moneyprice=sessionservice.querySessionById(ticketlist.get(trow).getSId()).getPrice();
user.setBalance(user.getBalance()+moneyprice);
if(userservice.updateUser(user)) {
    JOptionPane.showMessageDialog(null, "删除影票成功");

}else {
    JOptionPane.showMessageDialog(null, "删除影票失败");
}
}else {
    JOptionPane.showMessageDialog(null, "请选择影票");
}
// TODO add your handling code here:
}

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

trow=tickettable.getSelectedRow();
// TODO add your handling code here:
}

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

try {
    int sld=Integer.parseInt(sldtext.getText());
    ticketlist=ticketservice.queryAllTicketsId(sld);
    filltickettable(ticketlist);

} catch (NumberFormatException e2) {
    // TODO: handle exception
    JOptionPane.showMessageDialog(null, "格式错误");
}
// TODO add your handling code here:
}

private void backActionPerformed(java.awt.event.ActionEvent evt) {
    new A1().setVisible(true);
    dispose();
    // TODO add your handling code here:
}

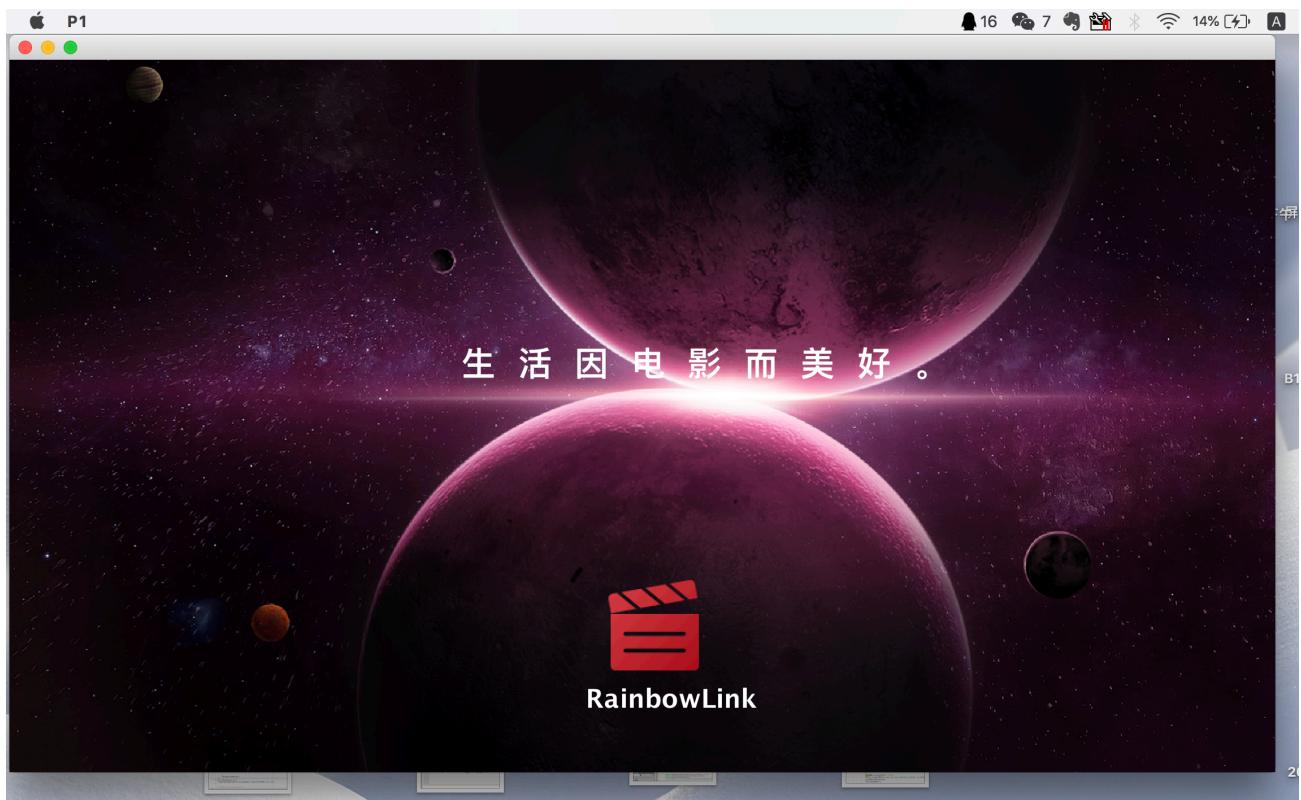
private void filltickettable(List<Ticket> ticketlist2) {
    // TODO Auto-generated method stub
    DefaultTableModel dtm=(DefaultTableModel) tickettable.getModel();
    dtm.setRowCount(0);
    int row=ticketlist2.size();
    for(int i=0;i<row;i++) {
        Vector v=new Vector();
        v.add(ticketlist2.get(i).getId());
        v.add(ticketlist2.get(i).getUId());
        v.add(ticketlist2.get(i).getSId());
        v.add(ticketlist2.get(i).getSeat());
        dtm.addRow(v);
    }
}

```

} }

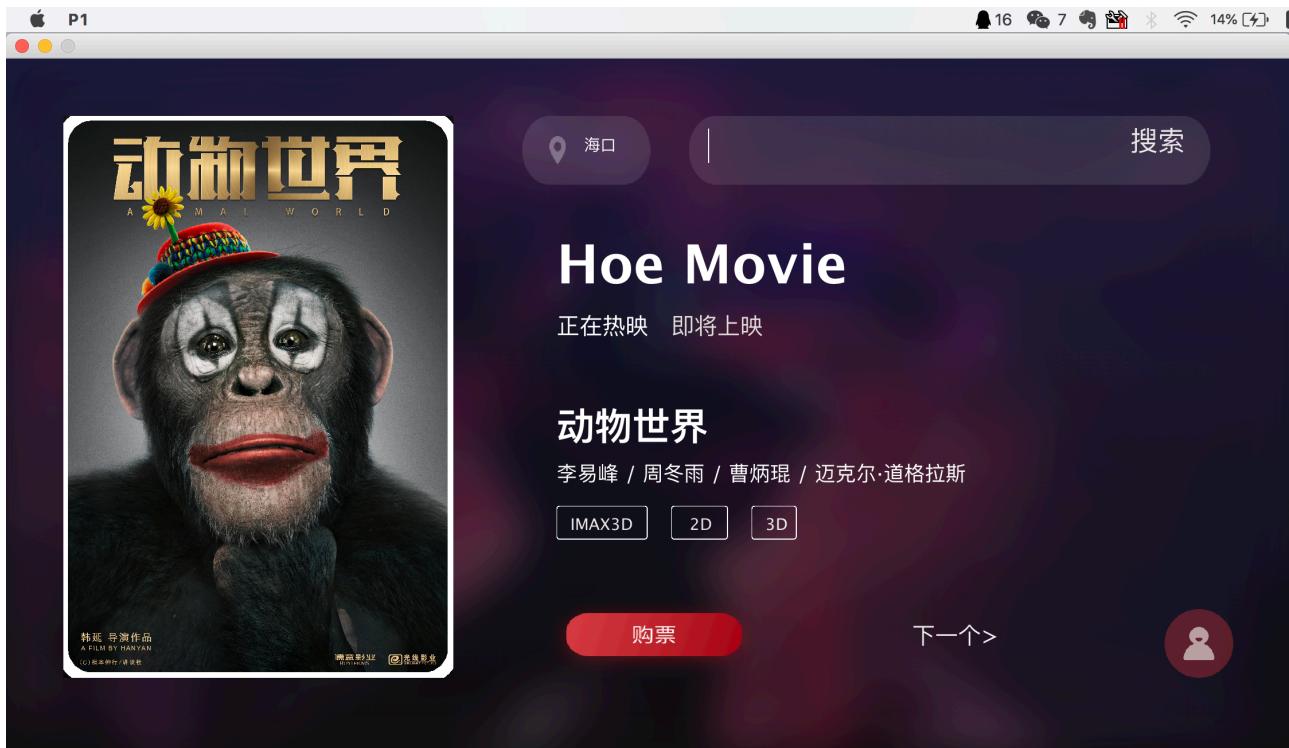
(just core code)

P1.java:Start page



```
package PP;
@Override
public void keyPressed(KeyEvent e) {
    Object c=e.getSource();
    if(c==jPanel1){
        int keycode=e.getKeyCode();
        if(keycode=='\n'){
            new A1().setVisible(true);
        }
    }
}
```

P2.java:Home page:movie recommandation&&search



```
public class P2 extends javax.swing.JFrame implements ActionListener, MouseListener {
```

```
    public P2(Cinema ci, Movie mo, Session se, Hall ha, List<Integer> seatlist, Double money, User u, Ticket ti) {
```

```
        this.movieList = ms.queryAllMovie();
        this.mo = this.movieList.get(i);
        this.se = se;
        this.ha = ha;
        this.seatlist = seatlist;
        this.money = money;
        this.u = u;
        this.ti = ti;
        GUI2();
    }
```

```
@Override
```

```
    public void actionPerformed(ActionEvent e) {
```

```
        Object a = e.getSource();
        if (a == search) {
            String m = msearch.getText();
            boolean flag = false;
            Pattern p = Pattern.compile("^-\\+]?[\\d]*$");
            Matcher q = p.matcher(m);
            if (q.matches()) {
```

```

        flag = true;
    }
    if (flag) {

        int id = Integer.parseInt(m);
        mo = ms.queryMovieById(id);

        //重写上映情况、电影类型。
        now.setFont(new java.awt.Font("微软雅黑", 0, 20)); // NOI18N
        if ("正在热映".equals(mo.getmshow())) {
            now.setForeground(new java.awt.Color(255, 255, 255));

        } else {
            now.setForeground(new java.awt.Color(153, 153, 153));
        }
        //now.setForeground(new java.awt.Color(255, 255, 255));
        now.setText("正在热映");
        jPanel1.add(now, new org.netbeans.lib.awtextra.AbsoluteConstraints(480, 220, -1, -1));

        future.setFont(new java.awt.Font("微软雅黑", 0, 20)); // NOI18N
        if ("即将上映".equals(mo.getmshow())) {
            System.out.println("1");
            future.setForeground(new java.awt.Color(255, 255, 255));
        } else {
            future.setForeground(new java.awt.Color(153, 153, 153));
        }
        //future.setForeground(new java.awt.Color(228, 221, 221));
        future.setText("即将上映");
        jPanel1.add(future, new org.netbeans.lib.awtextra.AbsoluteConstraints(580, 220, -1,
-1));

        next.setFont(new java.awt.Font("微软雅黑", 0, 20)); // NOI18N
        next.setForeground(new java.awt.Color(241, 240, 240));
        next.setText("下一个>");
        next.addMouseListener(this);
        jPanel1.add(next, new org.netbeans.lib.awtextra.AbsoluteConstraints(790, 490, -1, -1));

        D3.setFont(new java.awt.Font("微软雅黑", 0, 14)); // NOI18N
        if (mo.getmType().equals("3D")) {
            D3.setForeground(new java.awt.Color(238, 234, 234));
        } else {
            D3.setForeground(new java.awt.Color(153, 153, 153));
        }
        D3.setText(" 3D");
        D3.setBorder(new RoundBorder_10rf_white());
        jPanel1.add(D3, new org.netbeans.lib.awtextra.AbsoluteConstraints(650, 390, 40, 30));

        IMAX.setFont(new java.awt.Font("微软雅黑", 0, 14)); // NOI18N
        //IMAX.setForeground(new java.awt.Color(238, 234, 234));
        if (mo.getmType().equals("IMAX3D")) {
            IMAX.setForeground(new java.awt.Color(238, 234, 234));
        } else {
            IMAX.setForeground(new java.awt.Color(153, 153, 153));
        }
        IMAX.setText("  IMAX3D");
        IMAX.setBorder(new RoundBorder_10rf_white());

```

```

jPanel1.add(IMAX, new org.netbeans.lib.awtextra.AbsoluteConstraints(480, 390, 80,
30));

D4.setFont(new java.awt.Font("微软雅黑", 0, 14)); // NOI18N
if (mo.getmType().equals("2D")) {
    D4.setForeground(new java.awt.Color(238, 234, 234));
} else {
    D4.setForeground(new java.awt.Color(153, 153, 153));
}
//D4.setForeground(new java.awt.Color(153, 153, 153));
D4.setText(" 2D");
D4.setBorder(new RoundBorder_10rf_white());
jPanel1.add(D4, new org.netbeans.lib.awtextra.AbsoluteConstraints(580, 390, 50, 30));

//重新输入电影名称
mName.setText(mo.getmName());
//重新输入电影的演员表
mdetail.setText(mo.getmActor());
//重新输入电影海报
jPanel1.remove(mposter);
mposter = new PCuntu(mo.getmPid());
mposter.addMouseListener(this);
mposter.setBorder(new RoundBorder_30rf());
mposter.setBackground(new java.awt.Color(204, 255, 204));
mposter.setLayout(new java.awt.CardLayout());
jPanel1.add(mposter, new org.netbeans.lib.awtextra.AbsoluteConstraints(50, 50, 340,
490));

} else {

    mo = ms.queryMovieByName(m);

    if (mo == null) {
        JOptionPane.showMessageDialog(null, "不存在该电影或输入正确的电影名称或ID");
    } else {

        //重写上映情况、电影类型。
        now.setFont(new java.awt.Font("微软雅黑", 0, 20)); // NOI18N
        if ("正在热映".equals(mo.getmshow())) {
            now.setForeground(new java.awt.Color(255, 255, 255));
        } else {
            now.setForeground(new java.awt.Color(153, 153, 153));
        }
        //now.setForeground(new java.awt.Color(255, 255, 255));
        now.setText("正在热映");
        jPanel1.add(now, new org.netbeans.lib.awtextra.AbsoluteConstraints(480, 220, -1,
-1));

        future.setFont(new java.awt.Font("微软雅黑", 0, 20)); // NOI18N
        if ("即将上映".equals(mo.getmshow())) {
            System.out.println("1");
            future.setForeground(new java.awt.Color(255, 255, 255));
        } else {
            future.setForeground(new java.awt.Color(153, 153, 153));
        }
    }
}

```

```

//future.setForeground(new java.awt.Color(228, 221, 221));
future.setText("即将上映");
jPanel1.add(future, new org.netbeans.lib.awtextra.AbsoluteConstraints(580, 220, -1, -1));

next.setFont(new java.awt.Font("微软雅黑", 0, 20)); // NOI18N
next.setForeground(new java.awt.Color(241, 240, 240));
next.setText("下一个>");
next.addMouseListener(this);
jPanel1.add(next, new org.netbeans.lib.awtextra.AbsoluteConstraints(790, 490, -1, -1));

D3.setFont(new java.awt.Font("微软雅黑", 0, 14)); // NOI18N
if (mo.getmType().equals("3D")) {
    D3.setForeground(new java.awt.Color(238, 234, 234));
} else {
    D3.setForeground(new java.awt.Color(153, 153, 153));
}
D3.setText(" 3D");
D3.setBorder(new RoundBorder_10rf_white());
jPanel1.add(D3, new org.netbeans.lib.awtextra.AbsoluteConstraints(650, 390, 40, 30));

IMAX.setFont(new java.awt.Font("微软雅黑", 0, 14)); // NOI18N
//IMAX.setForeground(new java.awt.Color(238, 234, 234));
if (mo.getmType().equals("IMAX3D")) {
    IMAX.setForeground(new java.awt.Color(238, 234, 234));
} else {
    IMAX.setForeground(new java.awt.Color(153, 153, 153));
}
IMAX.setText("  IMAX3D");
IMAX.setBorder(new RoundBorder_10rf_white());
jPanel1.add(IMAX, new org.netbeans.lib.awtextra.AbsoluteConstraints(480, 390, 80, 30));

D4.setFont(new java.awt.Font("微软雅黑", 0, 14)); // NOI18N
if (mo.getmType().equals("2D")) {
    D4.setForeground(new java.awt.Color(238, 234, 234));
} else {
    D4.setForeground(new java.awt.Color(153, 153, 153));
}
//D4.setForeground(new java.awt.Color(153, 153, 153));
D4.setText("  2D");
D4.setBorder(new RoundBorder_10rf_white());
jPanel1.add(D4, new org.netbeans.lib.awtextra.AbsoluteConstraints(580, 390, 50, 30));

```

```

//重新输入电影名称
mName.setText(mo.getmName());
//重新输入电影的演员表
mdetail.setText(mo.getmActor());
//重新输入电影海报
jPanel1.remove(mposter);
mposter = new PCuntu(mo.getmPicaddress());
mposter.addMouseListener(this);

```

```
490));  
    }  
}  
}  
  
@Override  
public void mouseClicked(MouseEvent e) {  
  
    Object c = e.getSource();  
  
    if (c == next) {  
        ++i;  
        if (i == 22) {  
            i = 0;  
        }  
        this.setVisible(true);  
  
        this.mo = this.movieList.get(i);  
  
        //重写上映情况、电影类型。  
        now.setFont(new java.awt.Font("微软雅黑", 0, 20)); // NOI18N  
        if ("正在热映".equals(mo.getmShow())) {  
            now.setForeground(new java.awt.Color(255, 255, 255));  
        } else {  
            now.setForeground(new java.awt.Color(153, 153, 153));  
        }  
        //now.setForeground(new java.awt.Color(255, 255, 255));  
        now.setText("正在热映");  
        JPanel1.add(now, new org.netbeans.lib.awtextra.AbsoluteConstraints(480, 220, -1, -1));  
  
        future.setFont(new java.awt.Font("微软雅黑", 0, 20)); // NOI18N  
        if ("即将上映".equals(mo.getmShow())) {  
            System.out.println("1");  
            future.setForeground(new java.awt.Color(255, 255, 255));  
        } else {  
            future.setForeground(new java.awt.Color(153, 153, 153));  
        }  
        //future.setForeground(new java.awt.Color(228, 221, 221));  
        future.setText("即将上映");  
        JPanel1.add(future, new org.netbeans.lib.awtextra.AbsoluteConstraints(580, 220, -1, -1));  
  
        next.setFont(new java.awt.Font("微软雅黑", 0, 20)); // NOI18N  
        next.setForeground(new java.awt.Color(241, 240, 240));  
        next.setText("下一个>");  
        next.addMouseListener(this);  
        JPanel1.add(next, new org.netbeans.lib.awtextra.AbsoluteConstraints(790, 490, -1, -1));  
  
        D3.setFont(new java.awt.Font("微软雅黑", 0, 14)); // NOI18N  
        if (mo.getmType().equals("3D")) {  
            D3.setForeground(new java.awt.Color(238, 234, 234));  
        } else {  
            D3.setForeground(new java.awt.Color(153, 153, 153));  
        }  
    }  
}
```

```

        }
        D3.setText(" 3D");
        D3.setBorder(new RoundBorder_10rf_white());
        jPanel1.add(D3, new org.netbeans.lib.awtextra.AbsoluteConstraints(650, 390, 40, 30));

        IMAX.setFont(new java.awt.Font("微软雅黑", 0, 14)); // NOI18N
        if (mo.getmType().equals("IMAX3D")) {
            IMAX.setForeground(new java.awt.Color(238, 234, 234));
        } else {
            IMAX.setForeground(new java.awt.Color(153, 153, 153));
        }
        IMAX.setText("  IMAX3D");
        IMAX.setBorder(new RoundBorder_10rf_white());
        jPanel1.add(IMAX, new org.netbeans.lib.awtextra.AbsoluteConstraints(480, 390, 80, 30));

        D4.setFont(new java.awt.Font("微软雅黑", 0, 14)); // NOI18N
        if (mo.getmType().equals("4D")) {
            D4.setForeground(new java.awt.Color(238, 234, 234));
        } else {
            D4.setForeground(new java.awt.Color(153, 153, 153));
        }
        //D4.setForeground(new java.awt.Color(153, 153, 153));
        D4.setText("  2D");
        D4.setBorder(new RoundBorder_10rf_white());
        jPanel1.add(D4, new org.netbeans.lib.awtextra.AbsoluteConstraints(580, 390, 50, 30));

        //重新输入电影名称
        mName.setText(mo.getmName());
        //重新输入电影的演员表
        mdetail.setText(mo.getmActor());
        //重新输入电影海报
        jPanel1.remove(mposter);
        mposter = new PCuntu(mo.getmPidaddress());
        mposter.addMouseListener(this);
        mposter.setBorder(new RoundBorder_30rf());
    }
    if (c == mposter) {
        new P4(null, mo, null, null, null, money, null, null).setVisible(true);
        this.dispose();
    }
    if (c == user) {
        dispose();
    }
    if (c == mbuy) {
        if ("即将上映".equals(mo.getmshow())) {
            JOptionPane.showMessageDialog(null, "该电影还未上映");
        } else {
            dispose();
        }
    }
}
}

```

P4.java:presents poster of a movie



```
package PP;
```

```
public class P4 extends javax.swing.JFrame implements ActionListener, MouseListener{  
    Cinema ci;  
    CinemaService cs;  
    Hall ha;  
    HallService hs;  
    Movie mo;  
    MovieService ms;  
    Ticket ti;  
    TicketService ts;  
    User u;  
    UserService us;  
    double money;  
    Session se;  
    SessionService ss;  
    List<Integer> seatlist;  
    int usertype;
```

```
    P4(Cinema ci, Movie mo, Session se, Hall ha, List<Integer> seatlist, Double money, User u,  
    Ticket ti) {
```

```

this.ci = ci;
this.mo = mo;
this.se = se;
this.ha = ha;
this.seatlist = seatlist;
this.money = money;
this.u = u;
this.ti = ti;
jPanel2 = new PCuntu(mo.getmheng());
mdetail2 = new javax.swing.JLabel();
check = new javax.swing.JLabel();
mName2 = new javax.swing.JLabel();
back = new javax.swing.JLabel();
GUI4();
}

@Override
public void actionPerformed(ActionEvent e) {
//    throw new UnsupportedOperationException("Not supported yet.");
}

@Override
public void mouseClicked(MouseEvent e) {

    Object d = e.getSource();
    if (d == back) {
        new P2(null, mo, null, null, null, 0.0, null, null).setVisible(true);

        dispose();
    }
    if (d == check) {
        new P5(null, mo, null, null, null, 0.0, null, null).setVisible(true);

        this.dispose();
    }
    if(d==mbuy){
        dispose();
    }
}

```

P5.java:presents details of movie



package PP;

```
public class P5 extends javax.swing.JFrame implements ActionListener, MouseListener{
```

```
    Cinema ci;
    CinemaService cs;
    Hall ha;
    HallService hs;
    Movie mo;
    MovieService ms= new MovieServiceImpl();
```

```

Ticket ti;
TicketService ts;
User u;
UserService us;
double money;
Session se;
SessionService ss;
List<Integer> seatlist;
int usertype;

P5(Cinema ci, Movie mo, Session se, Hall ha, List<Integer> seatlist, Double money, User u,
Ticket ti) {
    //Users/hmqhmq/NetBeansProjects/Ticket/src/PP/导出/主界面/背景.png
    bg = new PCuntu("/PP/导出/主界面/背景.png");
    jp4_1 = new PCuntu(mo.getmPicaddress());
    mbuy = new PCuntu("/PP/导出/主界面/分组 4 copy.png");
    JPanel2 = new PCuntu("/PP/导出/选座位/矩形复制 2.png");
    this.ci = ci;
    this.mo = mo;
    this.se = se;
    this.ha = ha;
    this.seatlist = seatlist;
    this.money = money;
    this.u = u;
    this.ti = ti;
    GUI5();
}

@Override
public void actionPerformed(ActionEvent e) {
//    throw new UnsupportedOperationException("Not supported yet.");
}

@Override
public void mouseClicked(MouseEvent e) {
//    throw new UnsupportedOperationException("Not supported yet.");
    Object a = e.getSource();
    if (a == back) {
        new P4(null, mo, null, null, null, money, null, null).setVisible(true);
        this.dispose();
    }
    if (a == mbuy) {
        if ("即将上映".equals(mo.getmshow())) {
            JOptionPane.showMessageDialog(null, "该电影还未上映");
        } else {
            new P6(ci, mo, se, ha, seatlist, money, u, ti).setVisible(true);
            dispose();
        }
    }
}
}

```

P6.java:

Select hall module &present the lowest price of one cinema



```
public class P6 extends JFrame implements ActionListener,MouseListener{  
    ...  
    P6(Cinema ci,Movie mo,Session se,Hall ha,List<Integer> seatlist,Double money,User u,Ticket ti)  
    {....  
  
    GUI();  
}  
    GUI(...);  
  
    public void mousePressed(MouseEvent e) {  
  
        Object c = e.getSource();  
        if(c==jPanel4){//选择影城。第i=0个影城。mid是上一个传进来的参数。  
jPanel4.setBackground(Color.red);  
jLabel3.setForeground(Color.white);  
jLabel4.setForeground(Color.white);  
jLabel11.setForeground(Color.white);  
jLabel15.setForeground(Color.white);  
  
}  
        if(c==jPanel5){  
jPanel5.setBackground(Color.red);  
jLabel5.setForeground(Color.white);  
jLabel6.setForeground(Color.white);  
jLabel12.setForeground(Color.white);  
jLabel16.setForeground(Color.white);  
//确定电影院实体  
    }  
}
```

```

//获得cid、sid

        }

        if(c==jPanel6){
jPanel6.setBackground(Color.red);
jLabel7.setForeground(Color.white);
jLabel8.setForeground(Color.white);
jLabel13.setForeground(Color.white);
jLabel17.setForeground(Color.white);

        }

        if(c==jPanel7){
jPanel7.setBackground(Color.red);
jLabel9.setForeground(Color.white);
jLabel10.setForeground(Color.white);
jLabel14.setForeground(Color.white);
jLabel18.setForeground(Color.white);

        }

// throw new UnsupportedOperationException("Not supported yet."); //To change body of generated methods, choose Tools | Templates.
    }

public void mouseReleased(MouseEvent e) {
    closeThis();
    Object c = e.getSource();
    if(c==jLabel2){
        new P2(ci, mo, se, ha, seatlist, money, u, ti).setVisible(true);

        this.dispose();
    }
    if(c==jPanel4){
        ci=cinlist.get(0);
        new P9(ci, mo, null, null, null, 0d, u, null).setVisible(true);
        this.dispose();
    }
    if(c==jPanel5){
        ci=cinlist.get(1);
        new P9(ci, mo, null, null, null, 0d, u, null).setVisible(true);
        this.dispose();
    }
    if(c==jPanel6){
        ci=cinlist.get(2);
        new P9(ci, mo, null, null, null, 0d, u, null).setVisible(true);
        this.dispose();
    }
    if(c==jPanel7){
        ci=cinlist.get(3);
        new P9(ci, mo, null, null, null, 0d, u, null).setVisible(true);
        this.dispose();
    }
}

```

P9.java:



```
public class P9 extends JFrame implements ActionListener,MouseListener{  
    Cinema ci;  
    CinemaService cs=new CinemaServiceImpl();  
    Hall ha;  
    HallService hs=new HallServiceImpl();  
    Movie mo;  
    MovieService ms;  
    Ticket ti;  
    TicketService ts;  
    User u;  
    UserService us;  
    double money;  
    Session se;  
    SessionService ss=new SessionServiceImpl();  
    List<Session> seslist;  
    List<Cinema> cinlist;  
    List<Integer> seatlist;  
    int usertype;  
    int i=0;  
    Toumin t=new Toumin();  
    P9(Cinema ci,Movie mo,Session se,Hall ha,List<Integer> seatlist,Double money,User u,Ticket ti)  
    {this.ci=ci;  
    this.mo=mo;  
    this.se=se;  
    this.ha=ha;  
    this.seatlist=seatlist;
```

```

this.mo=mo;
this.money=money;
this.u=u;
this.ti=ti;
cinlist=cs.queryAllCinema();

seslist=ss.querySessionByCidAndMId(ci.getCid(), mo.getmId());

System.out.println("seatlist.size:"+seslist.size());
GUI();
}

public void closeThis(){
    this.dispose();
}

public void GUI(){
    JPanel2 = new PCuntu("/img/P9背景.png");
    jLabel2.setText("<"+ci.getcname());
    jLabel2.addMouseListener(this);
    jLabel3.setText(mo.getmName());
    jLabel6.setText(mo.getmType());
    jLabel6.setBorder(new javax.swing.border.LineBorder(new java.awt.Color(204, 204, 204), 1, true));
    jLabel4.setText(mo.getMlocality());
    Cuntu c=new Cuntu();
    jLabel1.setIcon(c.cuntu(mo.getmPicaddress(), 257, 366));

    jLabel10.setText(mo.getmType()+"/"+mo.getMlanguage());
    jLabel11.setText(seslist.get(i).gethId()+"号厅");

    jLabel12.setFont(new java.awt.Font("宋体", 1, 48)); // NOI18N
    jLabel12.setForeground(new java.awt.Color(255, 255, 255));
    jLabel12.setText(seslist.get(i).getPrice()+"元");

    jLabel13.setForeground(new java.awt.Color(255, 255, 255));
    jLabel13.setText("VIP卡享"+(seslist.get(i).getPrice()-7)+"元");
    i++;

    jLabel17.setFont(new java.awt.Font("宋体", 1, 48)); // NOI18N
    jLabel17.setForeground(new java.awt.Color(255, 255, 255));
    jLabel17.setText("13:30");

    jLabel18.setForeground(new java.awt.Color(255, 255, 255));
    jLabel18.setText("15:30散场");

    jLabel19.setFont(new java.awt.Font("宋体", 1, 48)); // NOI18N
    jLabel19.setForeground(new java.awt.Color(255, 255, 255));
    jLabel19.setText("16:00");

    jLabel20.setForeground(new java.awt.Color(255, 255, 255));
    jLabel20.setText(mo.getmType()+"/"+mo.getMlanguage());

    jLabel21.setForeground(new java.awt.Color(255, 255, 255));
    jLabel21.setText(seslist.get(i).gethId()+"号厅");

    jLabel22.setFont(new java.awt.Font("宋体", 1, 48)); // NOI18N
    jLabel22.setForeground(new java.awt.Color(255, 255, 255));
}

```

```

jLabel22.setText(seslist.get(i).getPrice()+"元");

jLabel23.setForeground(new java.awt.Color(255, 255, 255));
jLabel23.setText("VIP卡享"+(seslist.get(i).getPrice()-7)+"元");
i++;
jLabel24.setForeground(new java.awt.Color(255, 255, 255));
jLabel24.setText(mo.getmType()+"/"+mo.getMlanguage());

jLabel25.setFont(new java.awt.Font("宋体", 1, 48)); // NOI18N
jLabel25.setForeground(new java.awt.Color(255, 255, 255));
jLabel25.setText(seslist.get(i).getPrice()+"元");

jLabel26.setForeground(new java.awt.Color(255, 255, 255));
jLabel26.setText("18:00散场");

jLabel27.setForeground(new java.awt.Color(255, 255, 255));
jLabel27.setText(seslist.get(i).gethId()+"号厅");

jLabel28.setForeground(new java.awt.Color(255, 255, 255));
jLabel28.setText("VIP卡享"+(seslist.get(i).getPrice()-7)+"元");
i++;
jLabel29.setForeground(new java.awt.Color(255, 255, 255));
// jLabel29.setText("今天(5月6日)");

jLabel30.setForeground(new java.awt.Color(255, 255, 255));
//jLabel30.setText("明天(5月7日)");

jLabel16.setIcon(new javax.swing.ImageIcon(getClass().getResource("/img/P9购买.jpg"))); // NOI18N
jLabel16.addMouseListener(this);
jLabel14.setIcon(new javax.swing.ImageIcon(getClass().getResource("/img/P9购买.jpg"))); // NOI18N
jLabel14.addMouseListener(this);
jLabel15.setIcon(new javax.swing.ImageIcon(getClass().getResource("/img/P9购买.jpg"))); // NOI18N
jLabel15.addMouseListener(this);
jLabel31.setFont(new java.awt.Font("宋体", 1, 48)); // NOI18N
jLabel31.setForeground(new java.awt.Color(255, 255, 255));
jLabel31.setText("18:00");

jLabel32.setForeground(new java.awt.Color(255, 255, 255));
jLabel32.setText("20:00散场");

jLabel33.setForeground(new java.awt.Color(255, 255, 255));
jLabel33.setText(mo.getmType()+"/"+mo.getMlanguage());

jLabel34.setForeground(new java.awt.Color(255, 255, 255));
jLabel34.setText(seslist.get(i).gethId()+"号厅");

jLabel35.setFont(new java.awt.Font("宋体", 1, 48)); // NOI18N
jLabel35.setForeground(new java.awt.Color(255, 255, 255));
jLabel35.setText(seslist.get(i).getPrice()+"元");

jLabel36.setForeground(new java.awt.Color(255, 255, 255));
jLabel36.setText("VIP卡享"+(seslist.get(i).getPrice()-7)+"元");

```

```
jLabel37.setIcon(new javax.swing.ImageIcon(getClass().getResource("/img/P9购买.jpg"))); //
```



NOI18N

```
jLabel37.addMouseListener(this);  
t.PToumin(jPanel1);  
pack();
```



}

```
@Override
```

```
public void mouseClicked(MouseEvent e) {
    Object c=e.getSource();

    if(c==jLabel2){
        System.out.println("jl2 ");
        new P6(ci, mo, se, ha, null, 0d, u, ti).setVisible(true);
    }
    if(c==jLabel16){
        System.out.println("jl16");
        se=seslist.get(0);
        ha=hs.queryHallById(se.getHallId());
        System.out.println("se.getsid"+se.getId());
        new P11(ci, mo, se, ha, null, 0d, u, ti).setVisible(true);}
    if(c==jLabel15){
        System.out.println("jl15");
        se=seslist.get(1);
        ha=hs.queryHallById(se.getHallId());
        new P11(ci, mo, se, ha, null, 0d, u, ti).setVisible(true);}
    if(c==jLabel37){
        System.out.println("jl37");
        se=seslist.get(2);
        ha=hs.queryHallById(se.getHallId());
        new P11(ci, mo, se, ha, null, 0d, u, ti).setVisible(true);}
    if(c==jLabel14){
        System.out.println("jl14");
        se=seslist.get(3);
        ha=hs.queryHallById(se.getHallId());
        new P11(ci, mo, se, ha, null, 0d, u, ti).setVisible(true);}
    if(c==jLabel30){
        jPanel1.remove(jLabel5);
        jLabel5.setBounds(62, 45, 130, 17);
        jPanel1.add(jLabel5);
        jPanel1.updateUI();
        this.setVisible(true);
    }
    if(c==jLabel29){
        jPanel1.remove(jLabel5);
        jLabel5.setBounds(27, 45, 130, 17);
        jPanel1.add(jLabel5);
        jPanel1.updateUI();
        this.setVisible(true); }}
```

P11.java:buy ticket module

```
public class P11 extends JFrame implements ActionListener {

    private Hall ha;
    private Cinema ci;
    private CinemaService cs;
```

```

private Session se;
private Movie mo;
private User u;
private Ticket ti;
private List<Integer> seatlist = new ArrayList<Integer>();
private List<Ticket> list;
private UserService userservice = new UserServiceImpl();
private SessionService sessionservice = new SessionServiceImpl();
private TicketService ticketService = new TicketServiceImpl();
private StringBuffer sb = new StringBuffer();
JRadioButton[] jRadioButton;
private static int count = 0;
int num, rows;
double money=1d;
Toumin t = new Toumin();
ZhuanHuan z = new ZhuanHuan();
Cuntu c = new Cuntu();

```

P11(Cinema ci, Movie mo, Session se, Hall ha, List<Integer> seatlist, Double money, User u, Ticket ti) {

```

this.ci = ci;
this.mo = mo;
this.se = se;
this.ha = ha;
this.list = list;
//this.seatlist = (ArrayList<Integer>) seatlist;
this.mo = mo;
this.money = money;
this.u = u;
this.ti = ti;
list = ticketService.queryAllTicket();
num = ha.getCapacity();
int rows = (num + 9) / 10;
jRadioButton = new JRadioButton[num];
jPanel1 = new PCuntu("/PP/导出/主界面/背景.png");
jButton1 = new javax.swing.JButton();

jLabel1 = new javax.swing.JLabel();
jPanel2 = new PCuntu("/PP/导出/选座位/矩形复制 2.png");
jPanel3 = new PCuntu("/PP/导出/选座位/矩形复制 2.png");

//jRadioButton1 = new RB_SIC("/PP/导出/选座位/编组 2.png", "/PP/导出/选座位/可选座位.png", 18, 18);

jLabel2 = new javax.swing.JLabel();
jButton2 = new javax.swing.JButton();

//jTextField1.setBorder(new RoundBorder_10r());

jButton1.setForeground(new java.awt.Color(255, 255, 255));
t.JBToumin(jButton1);
//jButton1.setText(ha.gethName());
jButton1.addActionListener(this);

jLabel1.setIcon(c.cuntu(mo.getmPicaddress(), 313, 448));
//jLabel1.setText("jLabel1");

```

```

jLabel1.setBorder(new RoundBorder_30r());
//Users/hmqhmq/NetBeansProjects/Ticket/src/PP/导出/电影票/编组_1.png

//jLabel2.setText("已选 , 可选 , 已售");
jButton2.setText("选择您心仪的座位");
jButton2.addActionListener(this);
jButton2.setBorder(new RoundBorder_10r());

jTextField1 = new JTextField();
jTextField1.setForeground(Color.white);
jTextField1.setText("暂无选座信息");
jTextField1.setOpaque(false);

//jTextField1.setText("暂无座位信息");
GUI();

}

public void GUI() {
    Toumin a = new Toumin();
    JPanel3 = new PCuntu("/PP/导出/选座位/矩形复制 2.png");
    // a.PToumin(jPanel3);
    JPanel4 = new PCuntu("/PP/导出/登录:注册/矩形22.png");

    jLabel3 = new javax.swing.JLabel();
    jButton3 = new javax.swing.JButton();
    jButton4 = new javax.swing.JButton();
    jPanel1 = new PCuntu("/PP/导出/主界面/背景.png");
    //jButton1 = new javax.swing.JButton();
    jButton1.setEnabled(true);
    //jButton1.setSize(166, 43);
    // = new javax.swing.JLabel();
    //矩形复制 2.png
    jPanel2 = new PCuntu("/PP/导出/选座位/矩形复制 2.png");
    //jRadioButton1 = new RB_SIC("/PP/导出/选座位/可选座位.png", "/PP/导出/选座位/编组 2复
制 28.png", 18, 18);
    jLabel2 = new javax.swing.JLabel();
    jButton2 = new javax.swing.JButton();
    //jTextField1 = new javax.swing.JTextField();

    jPanel3.setBounds(new java.awt.Rectangle(0, 0, 1120, 630));
    //a.PToumin(jPanel3);

    jPanel4.setBorder(new RoundBorder_30rf());

    jLabel3.setFont(new java.awt.Font("PingFang TC", 0, 24)); // NOI18N
    jLabel3.setForeground(new java.awt.Color(0, 0, 0));
    jLabel3.setText(" 您尚未登陆 , 是否登陆 ? ");

    Toumin t3 = new Toumin();
    jButton3.setIcon(c.cuntu("/PP/导出/提示 登录/编组 6.png", 210, 53));
    t3.JBToumin(jButton3);
    jButton3.setText(null);
    jButton3.setEnabled(true);
    jButton3.addActionListener(this);
}

```

```

jButton4.setIcon(c.cuntu("/PP/导出/提示 登录/编组 7.png", 210, 53));
t3.JBToumin(jButton4);
jButton4.setEnabled(true);
jButton4.addActionListener(this);

//jButton1.setForeground(new java.awt.Color(255, 255, 255));
t.JBToumin(jButton1);
jButton1.setText(ci.getCname());
//jButton1.addActionListener(this);

t.PToumin(jPanel2);
jPanel2.setBackground(null);
jPanel2.setOpaque(false);

for (int i = 0; i < num; i++) {

    jRadioButton[i] = new RB_SIC("/PP/导出/选座位/编组 2.png", "/PP/导出/选座位/可选座位.png", 38, 38); //可选，已选
    //jRadioButton[i].setIcon(c.cuntu("/PP/导出/选座位/可选座位.png", 38, 38)); //("可选座位",18, 18);/Users/hmqhmq/NetBeansProjects/Ticket/src/PP/导出/选座位/可选座位.png
    //t.JRBToumin(jRadioButton[i]);
    jRadioButton[i].setEnabled(true);
    jRadioButton[i].addActionListener(this);
    jRadioButton[i].setBackground(new Color(225, 225, 225));
    jPanel2.add(jRadioButton[i]);
    //System.out.println("初始化座位，均可选" + i);
}

for (Ticket lis : list) {
    for (int i = 0; i < num; i++) {
        if (lis.getSeat() == (i + 1)) {
            jRadioButton[i].setEnabled(false);
            jRadioButton[i].setIcon(c.cuntu("/PP/导出/选座位/编组 2复制 28.png", 38, 38)); //("已售座位",18, 18);
            // t.JRBToumin(jRadioButton[i]);
            //System.out.println("已售座位，不可选" + i);
        }
    }
}

jLabel2.setIcon(c.cuntu("/PP/导出/选座位/编组 4复制.png", 554, 46));
jButton2.setForeground(Color.white);
jButton2.setText("选择您心仪的座位");
jButton2.addActionListener(this);
jButton2.setEnabled(true);
t.JBToumin(jButton2);

}

pack();
}

public void actionPerformed(ActionEvent e) {

```

```

Object obj = e.getSource();

System.out.println("1");
if (obj == jButton2) {

    JPanel3.setBounds(jPanel1.getBounds());

    jPanel1.add(jPanel3);
    this.setVisible(true);
} else if (obj == jButton4) {//立即登陆
    System.out.println("jb4");
    System.out.println(money + " ");
    P14 p2 = new P14(ci, mo, se, ha, seatlist, money, null, null);
    p2.setVisible(true);
    System.out.println("4");
    // this.dispose();
} else if (obj == jButton3) {//暂不登陆
    System.out.println("jb3");
    P11 p = new P11(ci, mo, se, ha, seatlist, money, null, null);
    p.setVisible(true);
    this.dispose();
    System.out.println("5");
} else if (obj == jButton1) {//返回上层
    System.out.println("jb1");
    P9 P = new P9(ci, mo, se, ha, null, money, null, null);
    P.setVisible(true);
    this.dispose();
    System.out.println("6");
} else {
    int l = 0;
    for (int k = 0; k < num; k++) {
        if (obj == jRadioButton[k]) {
            l = k;
            break;
        }
        //给出来的都是去掉电影表单座位的button
    }
    System.out.println(l);
    //初始背景都为白色。
    //如果i的背景是红色，文本减少，背景变白色。"/PP/导出/选座位/可选座位.png"
    //如果i的背景是白色，文本增加，背景变红色。"/PP/导出/选座位/编组 2.png"
    if (jRadioButton[l].getBackground().equals(new Color(225, 225, 225))) {
        //如果点按的不是电影列表的座位，则仍然可选，

        sb.append(l + 1 + "");//文本叠加 sb=1
        this.seatlist.add(l + 1);//选座中加i
        jRadioButton[l].setForeground(new Color(225, 225, 225));
        jRadioButton[l].setText(l + 1 + "号");//有反应
        jTextField1.setText(sb + "");//显示信息。
        jRadioButton[l].setBackground(new Color(225, 0, 0));//设置为不可选。变红。}}
    } else {//点按第二次按钮，该按钮变回去了，并且变为可选

        //把电影列表的座位删掉 设置为不可选
        //将sb清空，并且将这个button[i]从表单中移走。
        sb = new StringBuffer();
    }
}

```

```

        for (int m = 0; m < seatlist.size(); m++) {
            if (seatlist.get(m).equals(l + 1)) {
                seatlist.remove(m);
            }
        }
        //将表单中还有的其他座位取出
        for (int seat : seatlist) {
            sb.append(seat + " ");
        }
        //获取座位号
        jTextField1.setText(sb + "");//获得当前的表单内容。
        jRadioButton[l].setBackground(new Color(225, 225, 225));
        jRadioButton[l].setText(null);//有反应
    }

    money = this.seatlist.size() * se.getPrice();
    if (this.seatlist.size() >= 5) {
        money = money * 0.9;
    }
    jButton2.setText(z.DoubleToString(money) + "元 " + "确认选座");
}
}

```

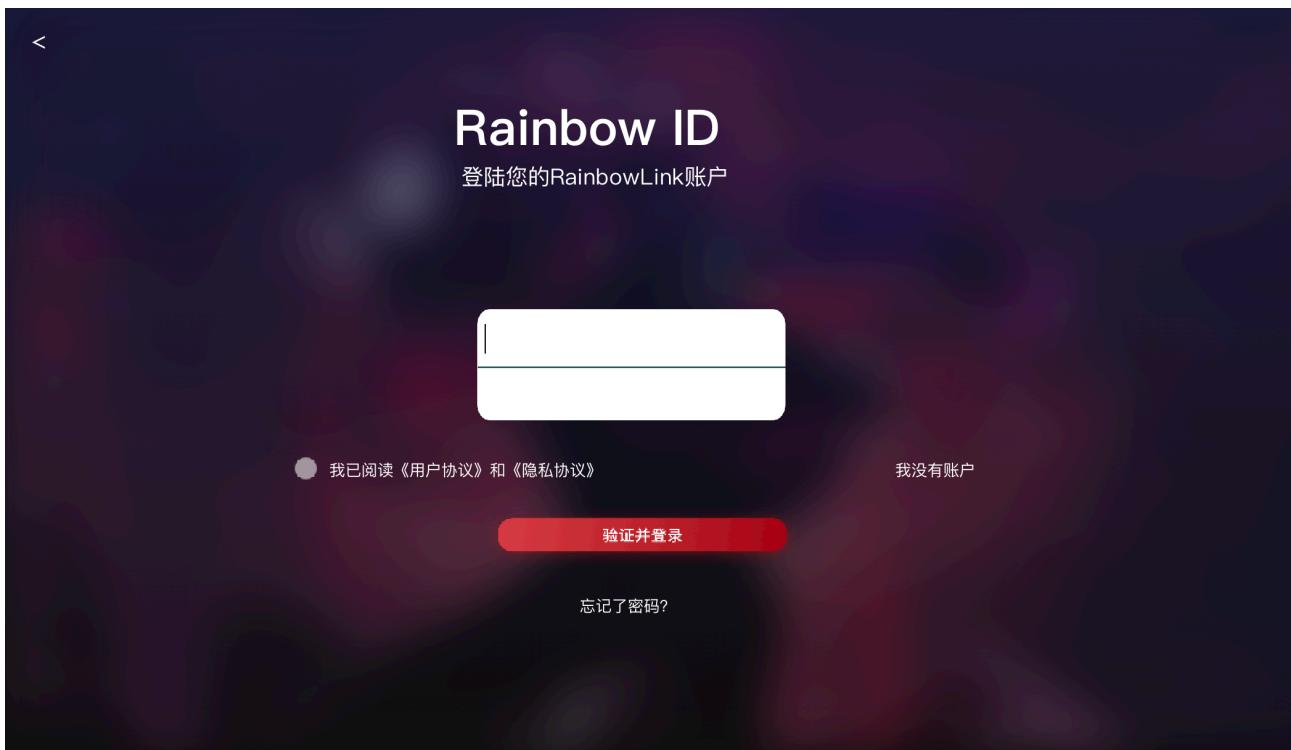
P14.java:Login in module

```

public class P14 extends JFrame implements ActionListener,MouseListener {

Cinema ci;
CinemaService cs=new CinemaServiceImpl();
Hall ha;
HallService hs=new HallServiceImpl();
Movie mo;
MovieService ms;

```



```
Ticket ti;
TicketService ts=new TicketServiceImpl();
User u;
UserService us=new UserServiceImpl();
double money;
Session se;
SessionService ss=new SessionService();
List<Integer> seatlist;
int usertype;
P14(Cinema ci,Movie mo,Session se,Hall ha,List<Integer> seatlist,Double money,User u,Ticket ti)
{this.ci=ci;
this.mo=mo;
this.se=se;
this.ha=ha;
this.seatlist=seatlist;
this.mo=mo;
this.money=money;
this.u=u;
this.ti=ti;
GUI();
}

public void GUI(){jPanel1 = new PCuntu("/PP/导出/主界面/背景.png");
jPanel2 = new javax.swing.JPanel();
Cuntu w=new Cuntu();
jLabel1 = new javax.swing.JLabel();
jLabel2 = new javax.swing.JLabel();
jLabel5 = new javax.swing.JLabel();
jLabel3 = new javax.swing.JLabel();
jLabel4 = new javax.swing.JLabel();
jPanel4 = new PCuntu("/PP/导出/登录:注册/矩形.png");
jSeparator1 = new javax.swing.JSeparator();
jPasswordField1 = new javax.swing.JPasswordField();
jTextField2 = new javax.swing.JTextField();
jLabel7 = new javax.swing.JLabel();
```

```

jRadioButton2 = new RB_SIC("/PP/导出/登录:注册/分组 4 copy复制.png", "/PP/导出/登录:注册/分组 4 copy复制334.png", 260, 50);
jRadioButton1 = new RB_SIC("/PP/导出/登录:注册/编组.png", "/PP/导出/登录:注册/椭圆形.png", 18, 18);
Toumin t=new Toumin();
t.PToumin(jPanel2);

jLabel2.setText(" 登陆您的RainbowLink账户");
jPanel2.add(jLabel2);
jLabel2.setBounds(70, 80, 320, 20);

jLabel5.setForeground(new java.awt.Color(255, 255, 255));
jLabel5.setText(" 忘记了密码？");

jLabel3.setForeground(new java.awt.Color(255, 255, 255));
jLabel3.setText(" 我已阅读《用户协议》和《隐私协议》");

jLabel4.setForeground(new java.awt.Color(255, 255, 255));
jLabel4.setText(" 我没有账户");
jLabel4.addMouseListener(this);

t.PToumin(jPanel4);

Cuntu c3=new Cuntu();
jLabel7.setText("<");
jLabel7.addMouseListener(this);

jRadioButton2.addActionListener(this);

jRadioButton1.setBackground(javax.swing.UIManager.getDefaults().getColor("Button.select"));
jRadioButton1.addActionListener(this);

}

@Override
public void actionPerformed(ActionEvent e) {
    //throw new UnsupportedOperationException("Not supported yet."); //To change body of generated methods, choose Tools | Templates.
    Object obj=e.getSource();
    if(obj==jRadioButton2){//登陆
        String username=jTextField2.getText();
        String Password=jPasswordField1.getText();
        if(username.charAt(0)=='a'){
            usertype=1;
        }else{usertype=0;}
        u=new User(username,Password,usertype);
        try{u=us.login(u);}catch(Exception e2){System.out.println("null");}
        if(null!=u){
            P19 p=new P19(ci, mo, se, ha, seatlist, money, u, null);//登陆成功，跳转到支付界面。
            p.setVisible(true);
        }
    }
}

```

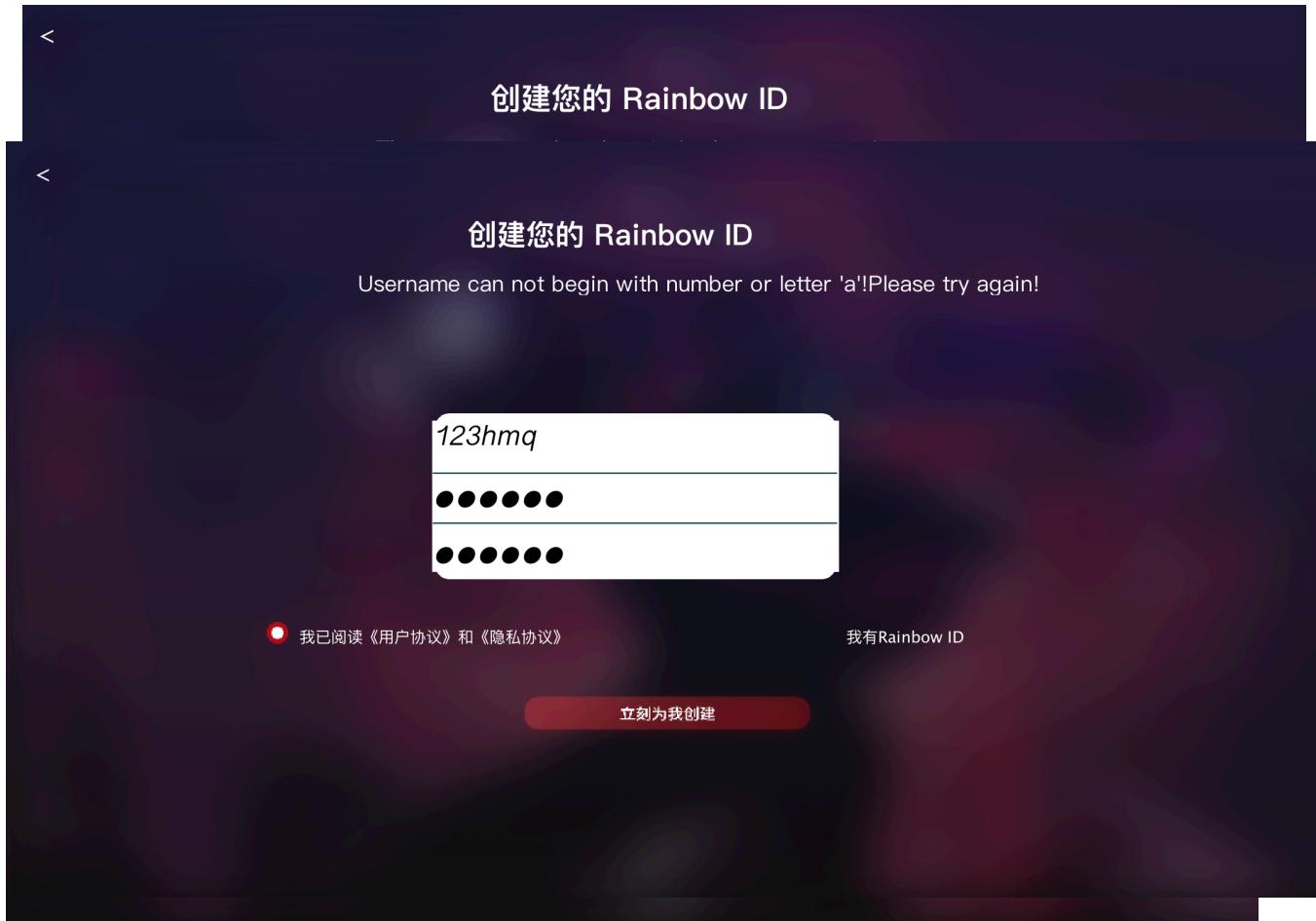
```

    else{
        System.out.println("fail");
        P14 p=new P14(ci, mo, se, ha, seatlist, money, null, null); //登陆失败,需要重新登陆。
        p.setVisible(true);
    }
}

@Override
public void mouseClicked(MouseEvent e) {
    //throw new UnsupportedOperationException("Not supported yet."); //To change body of
generated methods, choose Tools | Templates.
Object obj=e.getSource();
if(obj==jLabel4){//跳转到注册界面
    P16 p=new P16(ci, mo, se, ha, seatlist, money, null, null);
    p.setVisible(true);
    this.dispose();
}
if(obj==jLabel7){//返回上一层,到达选座页面 ,暂未登陆。
    if(ci!=null){
        P11 p=new P11(ci, mo, se, ha, seatlist, money, null, null);
        p.setVisible(true);}
    else{
        new P2(ci, mo, se, ha, seatlist, money, u, ti).setVisible(true);}
}
}

```

P16.java:Register module



```
public class P16 extends JFrame implements ActionListener, MouseListener {  
  
    Cinema ci;  
    CinemaService cs;  
    Hall ha;  
    HallService hs;  
    Movie mo;  
    MovieService ms;  
    Ticket ti;  
    TicketService ts;  
    User u;  
    UserService us = new UserServiceImpl();  
    double money;  
    Session se;  
    SessionService ss;  
    List<Integer> seatlist;  
    int usertype;  
    boolean cho = false;  
    Toumin t = new Toumin();  
    Cuntu c = new Cuntu();  
    ZhuanHuan a = new ZhuanHuan();
```

```
P16(Cinema ci, Movie mo, Session se, Hall ha, List<Integer> seatlist, Double money, User u,  
Ticket ti) {  
    this.ci = ci;  
    this.mo = mo;
```

```

this.se = se;
this.ha = ha;
this.seatlist = seatlist;
this.mo = mo;
this.money = money;
this.u = u;
this.ti = ti;
GUI();
}

public void GUI() {
    jPanel1 = new PCuntu("/PP/导出/主界面/背景.png");
    jPanel2 = new javax.swing.JPanel();

    jLabel1 = new javax.swing.JLabel();
    jLabel2 = new javax.swing.JLabel();
    jRadioButton1 = new RB_SIC("/PP/导出/登录:注册/编组.png", "/PP/导出/登录:注册/椭圆形.png", 18, 18);
    jLabel3 = new javax.swing.JLabel();
    jLabel4 = new javax.swing.JLabel();
    jPanel4 = new PCuntu("/PP/导出/登录:注册/矩形.png");
    jSeparator1 = new javax.swing.JSeparator();
    jPasswordField1 = new javax.swing.JPasswordField();
    jTextField2 = new javax.swing.JTextField();
    jSeparator2 = new javax.swing.JSeparator();
    jPasswordField2 = new javax.swing.JPasswordField();
    jLabel7 = new javax.swing.JLabel();
    jRadioButton2 = new RB_SIC("/PP/导出/登录:注册/分组 4 copy3434复制.png", "/PP/导出/登录:注册/分组 4 csdfcopy复制.png", 260, 50);

    setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
    setBounds(new java.awt.Rectangle(0, 0, 1120, 630));
    setMinimumSize(new java.awt.Dimension(1120, 630));
    getContentPane().setLayout(new javax.swing.BoxLayout(getContentPane(),
    javax.swing.BoxLayout.LINE_AXIS));

    t.PToumin(jPanel2);
    jPanel2.setLayout(null);

    jLabel1.setFont(new java.awt.Font("PingFang SC", 1, 24)); // NOI18N
    jLabel1.setForeground(new java.awt.Color(255, 255, 255));
    jLabel1.setText("创建您的 Rainbow ID");
    jPanel2.add(jLabel1);
    jLabel1.setBounds(100, 20, 500, 60);

    jLabel2.setFont(new java.awt.Font("PingFang SC", 0, 18)); // NOI18N
    jLabel2.setForeground(new java.awt.Color(255, 255, 255));
    jLabel2.setText("只需一个Rainbow ID,您即可访问RainbowLink 所有内容。");
    jPanel2.add(jLabel2);
    jLabel2.setBounds(10, 80, 700, 20);

    jLabel3.setForeground(new java.awt.Color(255, 255, 255));
    jLabel3.setText("我已阅读《用户协议》和《隐私协议》");

    jLabel4.setForeground(new java.awt.Color(255, 255, 255));
    jLabel4.setText("我有Rainbow ID");
}

```

```

t.PToumin(jPanel4);

jLabel7.setFont(new java.awt.Font("Lucida Grande", 0, 18)); // NOI18N
jLabel7.setForeground(new java.awt.Color(255, 255, 255));
jLabel7.setText("<");
jLabel7.addMouseListener(this);

jRadioButton2.addActionListener(this);

getContentPane().add(jPanel1);
//PP/导出/主界面/背景.png

pack();
}

public static void main(String abc[]) {
ArrayList<Integer> seatlist = new ArrayList<>();
seatlist.add(11);
Cinema ci = new Cinema();
Hall ha = new Hall();
Session se = new Session();
Movie mo = new Movie();
User u = new User();
UserService us = new UserServiceImpl();

CinemaService cs = new CinemaServiceImpl();
HallService hs = new HallServiceImpl();
SessionService ss = new SessionServiceImpl();
MovieService ms = new MovieServiceImpl();
se = ss.querySessionById(2);
ha = hs.queryHallById(2);
ci = cs.queryCinemaById(1);
mo = ms.queryMovieById(2);
u = us.queryUserByid(2);

P16 p = new P16(ci, mo, se, ha, seatlist, 90d, null, null);
p.setVisible(true);
//s,h,c,m,13,8,2,16
//2212
}

@Override
public void actionPerformed(ActionEvent e) {
    Object obj = e.getSource();

    if (jRadioButton2 == obj && cho) {
        System.out.println("--1");
        String username = jTextField2.getText();
        System.out.println("--2");
        String pass1 = new String(jPasswordField1.getPassword());
        System.out.println("--3");
        String pass2 = new String(jPasswordField2.getPassword());
        System.out.println("--4");
        Verify a = new Verify();
        int type = 0;
        if (!a.checkusername(username)) {
            System.out.println("==5");
            if (!a.checkpassword(jPasswordField1.getPassword())) {
                System.out.println("--6");
                if (!a.checkpassword(jPasswordField2.getPassword())) {

```

```

System.out.println("--7");
if (pass1.equals(pass2)) {
    System.out.println("--8");
    u = new User(username, pass1, 0d, 0);
    System.out.println("--9");
    int r = us.register(u);//jLabel2.setText("注册成功！");
    System.out.println("--10");
    if (r == 3) {
        jLabel2.setText("The user name already exists ! please try again !");
    } else if (r == 1) {
        jLabel2.setText("registered successfully !");
        P18 p = new P18(ci, mo, se, ha, seatlist, money, u, null);
        p.setVisible(true);
        this.dispose();
    } else {
        jLabel2.setText("System error ! please try again !");
    }
} else {
    jLabel2.setText("Password mismatched ! Please try again !");
}
}

} else {
    jLabel2.setText(" User Password must at least one letter , the total amount between 6 to 10 !");
}
}

} else {
    jLabel2.setText(" User Password must at least one letter , the total amount between 6 to 10 !");
}
}

} else {
    jLabel2.setText("Username can not begin with number or letter 'a'!Please try again!");
}
}

}

if (obj == jRadioButton1) {
    cho = true;
}

}

@Override
public void mouseClicked(MouseEvent e) {
    Object obj = e.getSource();
    if (jLabel7 == obj) {//返回上一级。
        P14 p = new P14(ci, mo, se, ha, seatlist, money, null, null);
    } else if (jLabel4 == obj) {//我有rainbowid
        P14 p = new P14(ci, mo, se, ha, seatlist, money, null, null);
    }
}

@Override
public void mousePressed(MouseEvent e) {
    // throw new UnsupportedOperationException("Not supported yet."); //To change body of generated methods, choose Tools | Templates.
}

```

```
}

@Override
public void mouseReleased(MouseEvent e) {
    // throw new UnsupportedOperationException("Not supported yet."); //To change body of
generated methods, choose Tools | Templates.
}

@Override
public void mouseEntered(MouseEvent e) {
    // throw new UnsupportedOperationException("Not supported yet."); //To change body of
generated methods, choose Tools | Templates.
}

@Override
public void mouseExited(MouseEvent e) {
    //throw new UnsupportedOperationException("Not supported yet."); //To change body of
generated methods, choose Tools | Templates.
}

}
```

P18.java:Remind Successfully registered.



```
package PP;

public class P18 extends JFrame implements ActionListener,MouseListener{
```

```

Cinema ci;
CinemaService cs;
Hall ha;
HallService hs;
Movie mo;
MovieService ms;
Ticket ti;
TicketService ts;
User u;
UserService us;
double money;
Session se;
SessionService ss;
List<Integer> seatlist;
int usertype;
P18(Cinema ci,Movie mo,Session se,Hall ha,List<Integer> seatlist,Double money,User u,Ticket ti)
{
this.ci=ci;
this.mo=mo;
this.se=se;
this.ha=ha;
this.seatlist=seatlist;
this.mo=mo;
this.money=money;
this.u=u;
this.ti=ti;
GUI();
}
public void GUI(){

jPanel1 = new PCuntu("/PP/导出/主界面/背景.png");
Cuntu e=new Cuntu();
jLabel1 = new javax.swing.JLabel();
jLabel2 = new javax.swing.JLabel();
jLabel3 = new javax.swing.JLabel();

jPanel1.addMouseListener(this);

jLabel1.setIcon(e.cuntu("/PP/导出/启动页/正在热映 copy.png",128,102
));
jLabel2.setText(" 注册成功");
jLabel3.setText("现在您可访问Rainbow Link所有内容");

getContentPane().add(jPanel1);

pack();
}

@Override
public void actionPerformed(ActionEvent e) {
    // throw new UnsupportedOperationException("Not supported yet."); //To change body of
generated methods, choose Tools | Templates.
}

@Override

```

```
public void mouseClicked(MouseEvent e) {  
    Object o=e.getSource(); // throw new UnsupportedOperationException("Not supported  
yet."); //To change body of generated methods, choose Tools | Templates.  
    if(o==jPanel1){  
        P19 p=new P19(ci, mo, se, ha, seatlist, money, u, ti);  
        p.setVisible(true);  
        this.dispose();  
    }  
}
```

P19.java: Ticket Order Page





```
public class P19 extends JFrame implements ActionListener, MouseListener, KeyListener {
```

```

Cinema ci;
CinemaService cs;
Hall ha;
HallService hs;
Movie mo;
MovieService ms;
Ticket ti;
TicketService ts = new TicketServiceImpl();
User u;
UserService us = new UserServiceImpl();
double money;
Session se;
SessionService ss = new SessionService();
List<Integer> seatlist;
int usertype;
int row;//第几排
private StringBuffer sb = new StringBuffer();
Toumin t = new Toumin();
Cuntu c = new Cuntu();
ZhuanHuan z;

P19(Cinema ci, Movie mo, Session se, Hall ha, List<Integer> seatlist, Double money, User u,
Ticket ti) {
    this.ci = ci;
    this.mo = mo;
    this.se = se;
    this.ha = ha;
    this.seatlist = seatlist;
    this.mo = mo;
    this.money = money;
    this.u = u;
    this.ti = ti;
    GUI();
}

public void GUI() {

    JFrame1 = new javax.swing.JFrame();
    JPanel3 = new javax.swing.JPanel();
    JPanel6 = new PCuntu("/PP/导出/支付方式/支付方式2/矩形复制 3.png");
    JLabel14 = new javax.swing.JLabel();
    //jPasswordField1 = new javax.swing.JPasswordField();
    JOptionPane1 = new javax.swing.JOptionPane();
    // /PP/导出/主界面/背景2.png
    JPanel11 = new PCuntu("/PP/导出/主界面/背景.png");
    JLabel20 = new javax.swing.JLabel();
    JPasswordField2 = new javax.swing.JPasswordField();
    JPanel1 = new PCuntu("/PP/导出/主界面/背景.png");
    //new PCuntu("/PP/导出/更详情/矩形复制 2.png")
    JPanel2 = new PCuntu("/PP/导出/选时间/矩形复制 2@3x.png");

    JLabel16.setText("取消");
    if (mo.getmType().charAt(0) == '3') {

        JLabel11.setText(" 3D");
        JLabel12.setText("      ");
        JLabel13.setText("      ");
    }
}

```

```

}

if (mo.getmType().charAt(0) == '1') {
    jLabel12.setText(" IMAX3D");
    jLabel11.setText(" ");
    jLabel13.setText(" ");
}

if (mo.getmType().charAt(0) == '2') {
    jLabel13.setText(" 2D");
    jLabel12.setText(" ");
    jLabel11.setText(" ");
}

jPanel7 = new PCuntu("/PP/导出/主界面/背景.png");
jPanel7.setOpaque(true);

jPanel5 = new PCuntu("/PP/导出/选时间/矩形复制 2@3x.png");

jButton2 = new javax.swing.JButton();
jButton2.setBounds(17, 120, 190, 20);
jButton2.setIcon(c.cuntu("/PP/导出/支付方式/支付方式2/编组 4.png", 190, 20));

t.JBToumin(jButton2);
jButton2.addActionListener(this);

jButton4 = new javax.swing.JButton();
jButton4.setIcon(c.cuntu("/PP/导出/支付方式/支付方式2/编组 3.png", 220, 41));
jButton4.addActionListener(this);
t.JBToumin(jButton4);
jPanel5.add(jButton4);
jButton4.setBounds(0, 60, 220, 41);
jButton3 = new javax.swing.JButton();
jButton3.setIcon(c.cuntu("/PP/导出/支付方式/支付方式2/编组.png", 220, 41));
jButton3.addActionListener(this);
t.JBToumin(jButton3);

t.PToumin(jPanel1);

jPasswordField2.addKeyListener(this);

jPanel3.add(jPanel6);

jPanel11.setBounds(new java.awt.Rectangle(0, 0, 1120, 630));

jLabel20.setFont(new java.awt.Font("PingFang SC", 1, 70)); // NOI18N

jLabel20.setText("请输入支付密码");
jPasswordField2.addActionListener(this);
jPasswordField2.addKeyListener(this);
jPanel1.setLayout(null);

t.PToumin(jPanel2);

```

```

jLabel1.setText("确认订单");

jLabel2.setFont(new java.awt.Font("PingFang SC", 0, 18)); // NOI18N
jLabel2.setForeground(new java.awt.Color(255, 255, 255));
jLabel2.setText(" " + mo.getmName());

jLabel3.setFont(new java.awt.Font("Lucida Grande", 0, 18)); // NOI18N
jLabel3.setForeground(new java.awt.Color(255, 255, 255));

jLabel3.setText(ci.getcname());

jLabel4.setFont(new java.awt.Font("Lucida Grande", 0, 14)); // NOI18N
jLabel4.setForeground(new java.awt.Color(255, 255, 255));
jLabel4.setText(se.getBeginTime() + " 时长:" + mo.getmDuration());

jLabel5.setForeground(new java.awt.Color(255, 255, 255));
jLabel5.setText(ha.gethName());

jLabel6.setForeground(new java.awt.Color(255, 255, 255));
jLabel6.setText(mo.getmType() + "/" + mo.getMlanguage());

jLabel7.setFont(new java.awt.Font("Lucida Grande", 0, 14)); // NOI18N
jLabel7.setForeground(new java.awt.Color(255, 255, 255));
for (int seat : seatlist) {
    if (seat >= 0 && seat <= 11) {
        row = 1;
    } else if (seat > 11 && seat <= 24) {
        row = 2;
    } else if (seat > 24 && seat <= 39) {
        row = 3;
    } else if (seat > 39) {
        row = (seat - 39) % 13 + 2;
    } else {
        row = 0;
    }
    sb.append(row + "排" + seat + "座" + " ");
}

jLabel7.setText(" " + sb + " ");
jLabel7.setBorder(new PP.RoundBorder_30r());
jLabel7.setEnabled(false);

if (mo.getmType() == "3D") {
    jLabel11.setText(" 3D");
}

jLabel11.setBorder(new PP.RoundBorder_10r());

jLabel12.setForeground(new java.awt.Color(255, 255, 255));
if (mo.getmType() == "IMAX3D") {
    jLabel12.setText(" IMAX3D");
}
jLabel12.setBorder(new PP.RoundBorder_10r());

jLabel13.setForeground(new java.awt.Color(255, 255, 255));
if (mo.getmType() == "2D") {
    jLabel13.setText(" 2D");
}

```

```

        }

jLabel13.setBorder(new PP.RoundBorder_10r());

jPanel1.add(jPanel2);

t.PToumin(jPanel4);
jPanel4.setLayout(null);
jLabel8.setText(money + ""
+ "元");

jPanel4.add(jLabel8);

jLabel9.setText("    请选择支付方式");
jPanel4.add(jLabel9);
t.PToumin(jPanel5);
jPanel5.setBorder(new RoundBorder_30r());
}

@Override
public void actionPerformed(ActionEvent e) {
    Object o = e.getSource(); // throw new UnsupportedOperationException("Not supported yet."); //To change body of generated methods, choose Tools | Templates.
    if (o == jButton3) {
        // this.remove(jPanel7);
        this.setLayout(null);
        jPanel11.setBounds(jPanel1.getBounds());
        this.add(jPanel11);
        this.setVisible(true);
    }
    if (o == jButton4)//weixin
    {
        jLabel17.setBounds(360, 115, 300, 400);
        jLabel17.setIcon(c.cuntu("/PP/导出/支付方式/微信支付.jpg", 300, 400));
        jPanel7.setBounds(jPanel1.getBounds());
        jPanel7.setLayout(null);
        jPanel1.remove(jPanel11);
        this.setLayout(null);
        this.add(jPanel7);
        this.setVisible(true);
    }
    if (o == jButton2)//zhifubao
    //"/Users/hmqhmq/NetBeansProjects/Ticket/src/PP/导出/支付方式/支付宝支付.jpg"
    {
        jLabel17.setBounds(360, 115, 300, 400);
        jLabel17.setIcon(c.cuntu("/PP/导出/支付方式/支付宝支付.jpg", 300, 400));
        jPanel7.setBounds(jPanel1.getBounds());
        jPanel7.setLayout(null);
        jPanel1.remove(jPanel11);
        this.setLayout(null);
        this.add(jPanel7);
        this.setVisible(true);
    }
}
@Override

```

```

public void keyPressed(KeyEvent e) {
    //throw new UnsupportedOperationException("Not supported yet."); //To change body of
generated methods, choose Tools | Templates.
    Object o = e.getSource();
    if (o == jPasswordField2) {
        int key = e.getKeyCode();
        if (key == '\n') {
            System.out.println("enter -1");
            String s = new String(jPasswordField2.getPassword());
            if (u != null) {
                System.out.println("enter -2");
                if (u.getBalance() >= money) {
                    try {
                        System.out.println("enter -3");
                        for (Integer seat : seatlist) {
                            System.out.println("--4");
                            Ticket t = new Ticket(u.getId(), se.getId(), seat);
                            System.out.println("4-5");
                            ts.addTicket(t);
                        }
                        System.out.println("--5");
                        double remoney = u.getBalance() - money;
                        System.out.println("--6");
                        u.setBalance(u.getBalance() - money);

                        if (us.updateUser(u)) {
                            se.setRemain(se.getRemain() - seatlist.size());
                            ss.updateSession(se);
                        }
                    }
                    System.out.println("--9");
                    P21 p = new P21(ci, mo, se, ha, seatlist, money, u, null);
                    p.setVisible(true);
                    this.dispose();
                } catch (Exception ex) {
                    Logger.getLogger(P19.class.getName()).log(Level.SEVERE, null, ex);
                }
            } else {
                JOptionPane.showMessageDialog(null, "Balance insufficient!");
                new P19(ci, mo, se, ha, seatlist, money, u, ti).setVisible(true);
                int i = JOptionPane.showConfirmDialog(null, "是否返回?", null,
JOptionPane.YES_NO_CANCEL_OPTION);
                if (i == JOptionPane.YES_OPTION) {
                    P2 P = new P2(ci, mo, se, ha, seatlist, money, u, ti);
                    P.setVisible(true);
                    this.dispose();
                }
            }
        }
    }
}

```

P21.java: Ordered-Ticket Page



```
public class P21 extends JFrame implements ActionListener,MouseListener{  
    Cinema ci;  
    CinemaService cs;  
    Hall ha;  
    HallService hs;  
    Movie mo;  
    MovieService ms;  
    Ticket ti;  
    TicketService ts;  
    User u;  
    UserService us;  
    double money;  
    Session se;  
    SessionService ss;  
    List<Integer> seatlist;  
    int usertype;  
    Toumin t=new Toumin();  
    ZhuanHuan z=new ZhuanHuan();  
    Cuntu c=new Cuntu();
```

```

P21(Cinema ci,Movie mo,Session se,Hall ha,List<Integer> seatlist,Double money,User u,Ticket ti)
throws Exception
{this.ci=ci;
this.mo=mo;
this.se=se;
this.ha=ha;
this.seatlist=seatlist;
this.mo=mo;
this.money=money;
this.u=u;
this.ti=ti;
GUI();
}
public void GUI() throws Exception{
    JPanel1 = new PCuntu("/PP/导出/主界面/背景.png");
    JButton1 = new javax.swing.JButton();
    JLabel1 = new javax.swing.JLabel();
    right1 = new PCuntu("/PP/导出/电影票/编组复制.png");
    right2 = new PCuntu("/PP/导出/电影票/编组.png");
    right3 = new PCuntu("/PP/导出/电影票/编组复制 2df.png");
    jLabel1.setBorder(new RoundBorder_30r());
    t.PToumin(right1);
    jLabel11.setText(mo.getmName());
    jLabel12.setText(mo.getMlocality());
    if(mo.getmType() == "3D") { jLabel13.setText("3D");}
    jLabel13.setBorder(new RoundBorder_10r());
    if(mo.getmType() == "3D"){
        jLabel14.setText("IMAX3D");
    }
    jLabel14.setBorder(new RoundBorder_10r());
    if(mo.getmType() == "3D"){
        jLabel15.setText("4D");
    }
    jLabel15.setBorder(new RoundBorder_10r());
    right2.setBorder(new RoundBorder_30rf());
    t.PToumin(right2);
    jLabel21.setText(ci.getCname());
    jLabel22.setText(ha.gethName());
    Random1 r = new Random1();
    StringBuffer s = r.Random2();
    try {
        jLabel24.setText("取票码 : "+s);
    } catch (Exception ex) {
        Logger.getLogger(P21.class.getName()).log(Level.SEVERE, null, ex);
    }
    File desktopDir = FileSystemView.getFileSystemView().getHomeDirectory();
    String desktopPath = desktopDir.getAbsolutePath();
    String format="png";
    String contents="Success to take the ticket!" + "\n" + "User Name :" + "\n" + u.getu-
Name() + "\n" + "\n Movie Session:\n" + "\n" + se.getBeginTime() + "\nCollection of ticket
code:" + "\n" + s;
    HashMap map = new HashMap();
    map.put(EncodeHintType.CHARACTER_SET, "utf-8");
    map.put(EncodeHintType.ERROR_CORRECTION, ErrorCorrectionLevel.M);
}

```

```

        map.put(EncodeHintType.MARGIN, 0);
        try {
            BitMatrix bm = new MultiFormatWriter().encode(contents, BarcodeFormat.QR_CODE,250,250);
            Path file=new File(desktopPath+"/"+r+".png").toPath();
            MatrixToImageWriter.writeToPath(bm, format, file);

        } catch (WriterException e) {
            e.printStackTrace();

        } catch (IOException ex) {
            Logger.getLogger(P21.class.getName()).log(Level.SEVERE, null, ex);
        }
        jLabel23.setIcon(c.cuntu2(desktopPath+"/"+r+".png",250,250));

        t.PToumin(right3);
        jLabel31.setFont(new java.awt.Font("PingFang HK", 0, 15));
        jLabel31.setText("实付金额 : "+money+" 元");

        jLabel32.setFont(new java.awt.Font("PingFang SC", 0, 15));
        jLabel32.setText("电影票号 : "+mo.getmId());
        jLabel32.setBorderStyle(null);

        jLabel33.setFont(new java.awt.Font("PingFang HK", 0, 15));

        jLabel33.setText("购买时间:" +new getDate().getDate());
        jLabel34.setFont(new java.awt.Font("PingFang SC", 0, 36));
        jLabel34.setText(money+" 元");

        right3.setBorderStyle(new RoundBorder_30rf());
    }
}

```

@Override

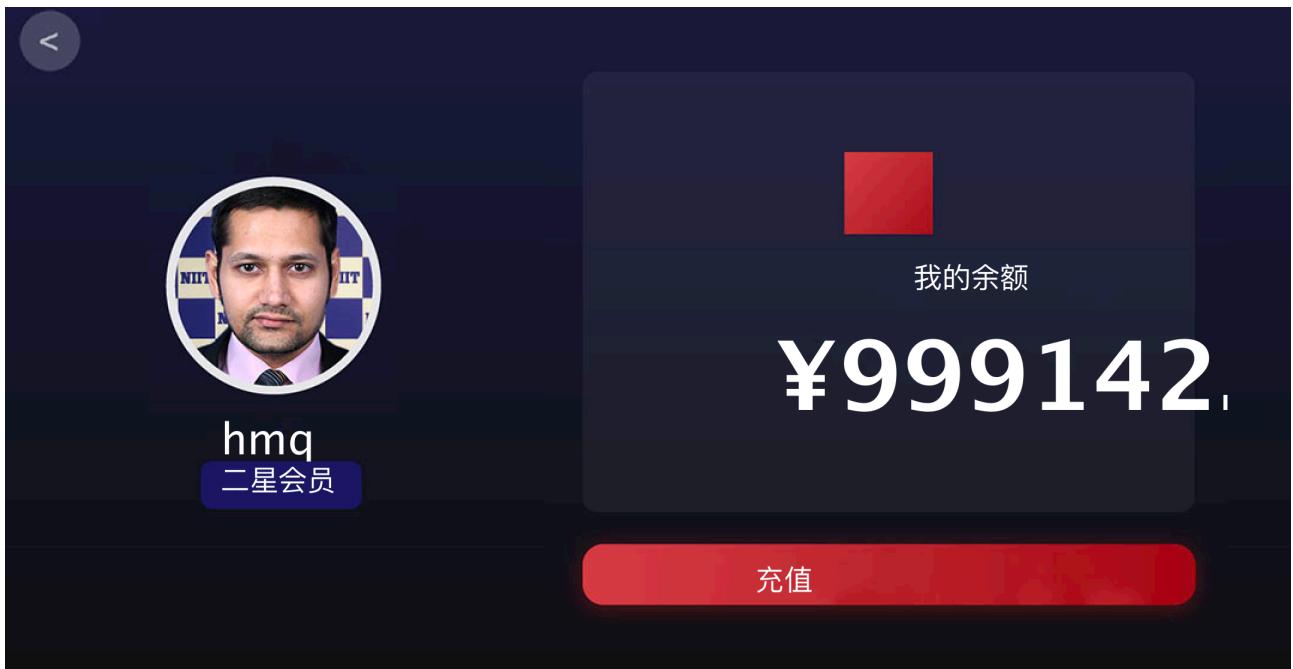
```

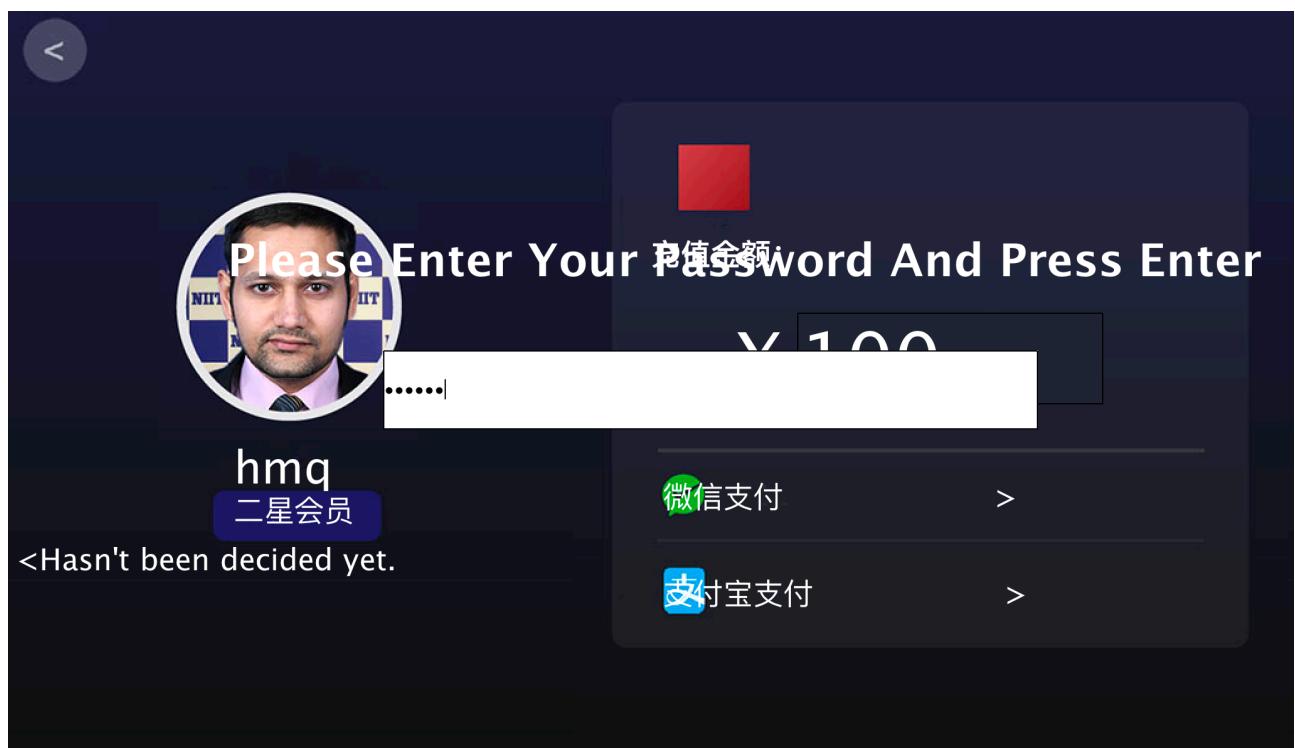
public void actionPerformed(ActionEvent e) {
    Object o=e.getSource();// throw new UnsupportedOperationException("Not supported yet."); //To change body of generated methods, choose Tools | Templates.
    if(o==jButton1){P2 p=new P2(null,null, null, null,null, 0d, u, null);
    p.setVisible(true);}

}

```

P22.java:User page





```

uthor 82148
*/
public class P22 extends JFrame implements ActionListener, MouseListener, KeyListener {

    Cinema ci;
    CinemaService cs = new CinemaServiceImpl();
    Hall ha;
    HallService hs = new HallServiceImpl();
    Movie mo;
    MovieService ms = new MovieServiceImpl();
    Ticket ti;
    TicketService ts = new TicketServiceImpl();
    User u;
    UserService us = new UserServiceImpl();
    double money;
    Session se;
    SessionService ss = new SessionServiceImpl();
    List<Session> seslist;
    List<Cinema> cinlist;
    List<Integer> seatlist;
    List<Ticket> ticlist;
    List<Movie> molist;
    int[] a;
    int nt;
    int usertype;
    int n = 0;
    int j=0;
    int i=0;
    int v=1;
    ZhuanHuan t=new ZhuanHuan();
    P22(Cinema ci, Movie mo, Session se, Hall ha, List<Integer> seatlist, Double money, User u,
    Ticket ti) {
        this.ci = ci;
        this.mo = mo;
        this.se = se;
        this.ha = ha;
        this.seatlist = seatlist;
        this.mo = mo;
        this.money = money;
        this.u = u;
        this.ti = ti;

        molist=ms.queryAllMovie();
        seslist=ss.queryAllSession();
        cinlist=cs.queryAllCinema();

        ticlist = ts.queryAllTicketuid(u.getUid());
        nt=ticlist.size();
        a=new int[nt];
        GUI();
    }
}

```

```

public void closeThis() {
    this.dispose();
}
public void tic1(int i,int count){
jPanel8.add(jPanel10);

jLabel27.setText(ms.queryMovieById(ss.querySessionById(ticlist.get(i).getSId()).getMId()).getM-
Name());
jLabel28.setText(""+ss.querySessionById(ticlist.get(i).getSId()).getBeginTime());
jLabel29.setText(cs.queryCinemaById(ss.querySessionById(ticlist.get(i).getSId()).getCId()).getCad-
dress());
jLabel30.setText(t.InttoString(count));
}

public void tic2(int i,int count){
jPanel8.add(jPanel13);
jLabel31.setText(ms.queryMovieById(ss.querySessionById(ticlist.get(i).getSId()).getMId()).getM-
Name());
jLabel32.setText(""+ss.querySessionById(ticlist.get(i).getSId()).getBeginTime());
jLabel33.setText(cs.queryCinemaById(ss.querySessionById(ticlist.get(i).getSId()).getCId()).getCad-
dress());
jLabel34.setText(t.InttoString(count));
}

public void tic3(int i,int count){
jPanel8.add(jPanel14);
jLabel35.setText(ms.queryMovieById(ss.querySessionById(ticlist.get(i).getSId()).getMId()).getM-
Name());
jLabel36.setText(""+ss.querySessionById(ticlist.get(i).getSId()).getBeginTime());
jLabel37.setText(cs.queryCinemaById(ss.querySessionById(ticlist.get(i).getSId()).getCId()).getCad-
dress());
jLabel38.setText(t.InttoString(count));
}

public void GUI() {
    jPanel3 = new PCuntu("/img/钱包面板.jpg");
    jLabel15 = new javax.swing.JLabel();
    jLabel1 = new javax.swing.JLabel();
    jLabel16 = new javax.swing.JLabel();
    jPanel4 = new javax.swing.JPanel();
    jPanel5 = new PCuntu("/img/支付面板.jpg");
    jLabel14 = new javax.swing.JLabel();
    jLabel21 = new javax.swing.JLabel();
    jLabel22 = new javax.swing.JLabel();
    jLabel23 = new javax.swing.JLabel();
    jTextField1 = new javax.swing.JTextField();
    jPanel6 = new javax.swing.JPanel();
    jLabel24 = new javax.swing.JLabel();
    jPasswordField1 = new javax.swing.JPasswordField();
    jPasswordField1.addKeyListener(this);
    jLabel25 = new javax.swing.JLabel();
    jPanel7 = new javax.swing.JPanel();
    jLabel26 = new javax.swing.JLabel();
    jPanel10 = new PCuntu("/img/我的票信息框.jpg");
}

```

```
jLabel27 = new javax.swing.JLabel();
jLabel28 = new javax.swing.JLabel();
jLabel29 = new javax.swing.JLabel();
jLabel30 = new javax.swing.JLabel();
jPanel13 = new PCuntu("/img/我的票信息框.jpg");
jLabel31 = new javax.swing.JLabel();
jLabel32 = new javax.swing.JLabel();
jLabel33 = new javax.swing.JLabel();
jLabel34 = new javax.swing.JLabel();
jPanel14 = new PCuntu("/img/我的票信息框.jpg");
jLabel35 = new javax.swing.JLabel();
jLabel36 = new javax.swing.JLabel();
jLabel37 = new javax.swing.JLabel();
jLabel38 = new javax.swing.JLabel();
jPanel1 = new PCuntu("/img/会员背景.JPG");
jPanel8 = new javax.swing.JPanel();
jLabel12 = new javax.swing.JLabel();
jLabel11 = new javax.swing.JLabel();
jLabel10 = new javax.swing.JLabel();
jLabel13 = new javax.swing.JLabel();
jPanel2 = new javax.swing.JPanel();
jLabel20 = new javax.swing.JLabel();
jLabel9 = new javax.swing.JLabel();
jLabel9.addMouseListener(this);
jLabel19 = new javax.swing.JLabel();
jLabel2 = new javax.swing.JLabel();
jLabel8 = new javax.swing.JLabel();
jLabel18 = new javax.swing.JLabel();
jLabel7 = new javax.swing.JLabel();
jLabel17 = new javax.swing.JLabel();
jLabel6 = new javax.swing.JLabel();
jLabel3 = new javax.swing.JLabel();
jLabel5 = new javax.swing.JLabel();
jLabel4 = new javax.swing.JLabel();

jLabel15.setFont(new java.awt.Font("宋体", 0, 24)); // NOI18N
jLabel15.setForeground(new java.awt.Color(255, 255, 255));
jLabel15.setText("我的余额");
jLabel5.addMouseListener(this);

jLabel1.setFont(new java.awt.Font("宋体", 1, 80)); // NOI18N
jLabel1.setForeground(new java.awt.Color(255, 255, 255));
jLabel1.setText("¥" + u.getBalance());

jLabel16.setFont(new java.awt.Font("宋体", 0, 24)); // NOI18N
jLabel16.setForeground(new java.awt.Color(255, 255, 255));
jLabel16.setText("充值");
jLabel16.addMouseListener(this);

javax.swing.GroupLayout jPanel3Layout = new javax.swing.GroupLayout(jPanel3);
jPanel3.setLayout(jPanel3Layout);
jPanel3Layout.setHorizontalGroup(
    jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel3Layout.createSequentialGroup()
            .addGap(192, 192, 192)
            .addComponent(jLabel1)
            .addGap(208, Short.MAX_VALUE)
            .addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED_SIZE, 300, javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGroup(jPanel3Layout.createSequentialGroup()
            .addContainerGap()
            .addComponent(jPanel13, javax.swing.GroupLayout.PREFERRED_SIZE, 300, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addContainerGap())
    )
);
```

```

        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel3Layout.createSequentialGroup()
            .addGap(0, 0, Short.MAX_VALUE)
            .addComponent(jLabel15)
            .addGap(238, 238, 238))
        .addComponent(jLabel16, javax.swing.GroupLayout.Alignment.TRAILING, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        .addGroup(jPanel3Layout.createSequentialGroup()
            .addGap(0, 0, Short.MAX_VALUE)
            .addGroup(jPanel3Layout.createSequentialGroup()
                .addGap(0, 0, Short.MAX_VALUE)
                .addGroup(jPanel3Layout.createSequentialGroup()
                    .addGap(0, 0, Short.MAX_VALUE)
                    .addComponent(jLabel1)
                    .addGap(235, 235, 235)
                    .addComponent(jLabel15)))
                .addGap(51, 51, Short.MAX_VALUE)))
            );
    jPanel3Layout.setVerticalGroup(
        jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(jPanel3Layout.createSequentialGroup()
                .addGap(241, 241, 241)
                .addComponent(jLabel15)
                .addGap(18, 18, 18)
                .addComponent(jLabel1)
                .addGap(100, 100, 100)
                .addComponent(jLabel16, javax.swing.GroupLayout.PREFERRED_SIZE, 49, javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGap(101, 101, Short.MAX_VALUE)))
            );
}

jLabel14.setFont(new java.awt.Font("宋体", 0, 24)); // NOI18N
jLabel14.setForeground(new java.awt.Color(255, 255, 255));
jLabel14.setText("<div style='text-align: center;>微信支付</div>");
jLabel14.addMouseListener(this);

jLabel21.setFont(new java.awt.Font("宋体", 0, 24)); // NOI18N
jLabel21.setForeground(new java.awt.Color(255, 255, 255));
jLabel21.setText("<div style='text-align: center;>支付宝支付</div>");
jLabel21.addMouseListener(this);

jLabel22.setFont(new java.awt.Font("宋体", 1, 24)); // NOI18N
jLabel22.setForeground(new java.awt.Color(255, 255, 255));
jLabel22.setText("充值金额 : ");

jLabel23.setFont(new java.awt.Font("宋体", 0, 60)); // NOI18N
jLabel23.setForeground(new java.awt.Color(255, 255, 255));
jLabel23.setText("¥");

jTextField1.setBackground(new java.awt.Color(34, 35, 54));
jTextField1.setFont(new java.awt.Font("宋体", 0, 60)); // NOI18N
jTextField1.setForeground(new java.awt.Color(255, 255, 255));
jTextField1.setBorder(new javax.swing.border.LineBorder(new java.awt.Color(0, 0, 0), 1, true));
jTextField1.addActionListener(this);

javax.swing.GroupLayout jPanel5Layout = new javax.swing.GroupLayout(jPanel5);
jPanel5.setLayout(jPanel5Layout);

```

```

jPanel5.setLayout.setHorizontalGroup(
    jPanel5.setLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(jLabel14, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        .addComponent(jLabel21, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        .addGroup(jPanel5.setLayout.createSequentialGroup()
            .addGap(62, 62, 62)
            .addGroup(jPanel5.setLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.-TRAILING)
                .addGroup(jPanel5.setLayout.createSequentialGroup()
                    .addComponent(jLabel22)
                    .addContainerGap(383, Short.MAX_VALUE))
                .addGroup(jPanel5.setLayout.createSequentialGroup()
                    .addComponent(jLabel23)
                    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
                    .addComponent(jTextField1, javax.swing.GroupLayout.PREFERRED_SIZE, 244,
javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addGap(147, 147, 147))))
            );
jPanel5.setLayout.setVerticalGroup(
    jPanel5.setLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel5.setLayout.createSequentialGroup()
            .addGap(206, 206, 206)
            .addComponent(jLabel22)
            .addGap(32, 32, 32)
            .addGroup(jPanel5.setLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                .addComponent(jTextField1, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(jLabel23, javax.swing.GroupLayout.PREFERRED_SIZE, 52,
javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGap(35, 35, 35)
            .addComponent(jLabel14, javax.swing.GroupLayout.PREFERRED_SIZE, 76,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(1, 1, 1)
            .addComponent(jLabel21, javax.swing.GroupLayout.PREFERRED_SIZE, 76,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addContainerGap(104, Short.MAX_VALUE)))
        );
javax.swing.GroupLayout jPanel4Layout = new javax.swing.GroupLayout(jPanel4);
jPanel4.setLayout(jPanel4Layout);
jPanel4.setLayout.setHorizontalGroup(
    jPanel4.setLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(jPanel5, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
    );
jPanel4.setLayout.setVerticalGroup(
    jPanel4.setLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(jPanel5, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
    );
jPanel6.setBackground(null);
jPanel6.setOpaque(false);

jLabel24.setFont(new java.awt.Font("宋体", 1, 36)); // NOI18N
jLabel24.setForeground(new java.awt.Color(255, 255, 255));
jLabel24.setText("Please Enter Your Password And Press Enter");

```

```

jPasswordField1.setFont(new java.awt.Font("宋体", 0, 36)); // NOI18N
jPasswordField1.setBorder(new javax.swing.border.LineBorder(new java.awt.Color(0, 0, 0), 1,
true));
jPasswordField1.addKeyListener(this);

jLabel25.setFont(new java.awt.Font("宋体", 0, 24)); // NOI18N
jLabel25.setForeground(new java.awt.Color(255, 255, 255));
jLabel25.setText("<Hasn't been decided yet.");
jLabel25.addMouseListener(this);

javax.swing.GroupLayout jPanel6Layout = new javax.swing.GroupLayout(jPanel6);
jPanel6.setLayout(jPanel6Layout);
jPanel6Layout.setHorizontalGroup(
    jPanel6Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel6Layout.createSequentialGroup()
            .addGap(159, 159, 159)
            .addComponent(jPasswordField1, javax.swing.GroupLayout.PREFERRED_SIZE, 522, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(121, 121, 121))
        .addGroup(jPanel6Layout.createSequentialGroup()
            .addGap(204, 204, 204)
            .addComponent(jLabel24)
            .addGap(51, 51, 51)
            .addComponent(jPasswordField1, javax.swing.GroupLayout.PREFERRED_SIZE, 63, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(88, 88, 88)
            .addComponent(jLabel25)
            .addGap(153, 153, 153, Short.MAX_VALUE))
    )
);
jPanel6Layout.setVerticalGroup(
    jPanel6Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel6Layout.createSequentialGroup()
            .addGap(204, 204, 204)
            .addComponent(jLabel24)
            .addGap(51, 51, 51)
            .addComponent(jPasswordField1, javax.swing.GroupLayout.PREFERRED_SIZE, 63, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(88, 88, 88)
            .addComponent(jLabel25)
            .addGap(153, 153, 153, Short.MAX_VALUE))
);

jLabel26.setIcon(new javax.swing.ImageIcon(getClass().getResource("/img/票务面板.jpg"))); // NOI18N

javax.swing.GroupLayout jPanel7Layout = new javax.swing.GroupLayout(jPanel7);
jPanel7.setLayout(jPanel7Layout);
jPanel7Layout.setHorizontalGroup(
    jPanel7Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel7Layout.createSequentialGroup()
            .addGap(0, 100, Short.MAX_VALUE)
        )
        .addGroup(jPanel7Layout.createSequentialGroup()
            .addGap(0, 100, Short.MAX_VALUE)
        )
    )
);
jPanel7Layout.setVerticalGroup(
    jPanel7Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel7Layout.createSequentialGroup()
            .addGap(0, 100, Short.MAX_VALUE)
        )
        .addGroup(jPanel7Layout.createSequentialGroup()
            .addGap(0, 100, Short.MAX_VALUE)
        )
    )
);

jLabel27.setFont(new java.awt.Font("宋体", 1, 24)); // NOI18N

```

```
jLabel27.setForeground(new java.awt.Color(255, 255, 255));
jLabel27.setText("27");

jLabel28.setForeground(new java.awt.Color(255, 255, 255));
jLabel28.setText("5月6日");

jLabel29.setForeground(new java.awt.Color(255, 255, 255));
jLabel29.setText("jLabel29");

jLabel30.setFont(new java.awt.Font("宋体", 0, 24)); // NOI18N
jLabel30.setForeground(new java.awt.Color(255, 255, 255));
jLabel30.setText("jLabel30");

javax.swing.GroupLayout jPanel10Layout = new javax.swing.GroupLayout(jPanel10);
jPanel10.setLayout(jPanel10Layout);
jPanel10Layout.setHorizontalGroup(
    jPanel10Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel10Layout.createSequentialGroup()
            .addGroup(jPanel10Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(jPanel10Layout.createSequentialGroup()
                    .addComponent(jLabel29)
                    .addGap(18, 18, 18)
                    .addComponent(jLabel28))
                .addGroup(jPanel10Layout.createSequentialGroup()
                    .addComponent(jLabel30)
                    .addGap(43, 43, 43)))
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
            .addGroup(jPanel10Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(jPanel10Layout.createSequentialGroup()
                    .addComponent(jLabel27)
                    .addGap(18, 18, 18)
                    .addComponent(jLabel28))
                .addGroup(jPanel10Layout.createSequentialGroup()
                    .addComponent(jLabel30)
                    .addGap(30, 30, 30)
                    .addComponent(jLabel30)))
            .addGap(69, 69, 69)
            .addComponent(jLabel29)
            .addGap(18, 18, 18)
            .addComponent(jLabel28))
        .addGroup(jPanel10Layout.createSequentialGroup()
            .addGap(18, 18, 18)
            .addComponent(jLabel27)
            .addGap(18, 18, 18)
            .addComponent(jLabel28))
        .addGroup(jPanel10Layout.createSequentialGroup()
            .addGap(30, 30, 30)
            .addComponent(jLabel30))
        .addGroup(jPanel10Layout.createSequentialGroup()
            .addGap(69, 69, 69)
            .addComponent(jLabel29)
            .addGap(18, 18, 18)
            .addComponent(jLabel28)))
    )
);

jPanel10Layout.setVerticalGroup(
    jPanel10Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel10Layout.createSequentialGroup()
            .addGroup(jPanel10Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                .addComponent(jLabel29)
                .addComponent(jLabel28))
            .addGap(18, 18, 18)
            .addGroup(jPanel10Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                .addComponent(jLabel30)
                .addComponent(jLabel28)))
            .addGap(69, 69, 69)
            .addComponent(jLabel29)
            .addGap(18, 18, 18)
            .addComponent(jLabel28))
        .addGroup(jPanel10Layout.createSequentialGroup()
            .addGap(18, 18, 18)
            .addComponent(jLabel27)
            .addGap(18, 18, 18)
            .addComponent(jLabel28))
        .addGroup(jPanel10Layout.createSequentialGroup()
            .addGap(30, 30, 30)
            .addComponent(jLabel30))
        .addGroup(jPanel10Layout.createSequentialGroup()
            .addGap(69, 69, 69)
            .addComponent(jLabel29)
            .addGap(18, 18, 18)
            .addComponent(jLabel28)))
    )
);

jLabel31.setFont(new java.awt.Font("宋体", 1, 24)); // NOI18N
jLabel31.setForeground(new java.awt.Color(255, 255, 255));
jLabel31.setText("27");

jLabel32.setForeground(new java.awt.Color(255, 255, 255));
jLabel32.setText("5月6日");
```



```

jLabel38.setForeground(new java.awt.Color(255, 255, 255));
jLabel38.setText("jLabel30");

javax.swing.GroupLayout jPanel14Layout = new javax.swing.GroupLayout(jPanel14);
jPanel14.setLayout(jPanel14Layout);
jPanel14Layout.setHorizontalGroup(
    jPanel14Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(jPanel14Layout.createSequentialGroup()
        .addContainerGap()
        .addGroup(jPanel14Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(jPanel14Layout.createSequentialGroup()
                .addComponent(jLabel37)
                .addComponent(jLabel38)
                .addGap(36, 36, 36)
                .addComponent(jLabel35)
                .addComponent(jLabel36))
            .addGap(18, 18, 18)
            .addGroup(jPanel14Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addComponent(jLabel38)
                .addGap(43, 43, 43)))))))
);

jPanel14Layout.setVerticalGroup(
    jPanel14Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(jPanel14Layout.createSequentialGroup()
        .addGroup(jPanel14Layout.createSequentialGroup()
            .addComponent(jLabel35)
            .addGap(18, 18, 18)
            .addComponent(jLabel36))
        .addGap(30, 30, 30)
        .addGroup(jPanel14Layout.createSequentialGroup()
            .addComponent(jLabel38)
            .addGap(69, 69, 69)
            .addComponent(jLabel37)
            .addGap(18, 18, 18)
            .addComponent(jLabel36)))
        .addGap(30, 30, 30)
        .addGroup(jPanel14Layout.createSequentialGroup()
            .addComponent(jLabel38)
            .addGap(69, 69, 69)
            .addComponent(jLabel37)
            .addGap(18, 18, 18)
            .addComponent(jLabel36)))))))
);

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
setMinimumSize(new java.awt.Dimension(1120, 630));
setSize(new java.awt.Dimension(1120, 630));
getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

jPanel1.setMinimumSize(new java.awt.Dimension(1120, 630));
jPanel1.setLayout(null);

jPanel8.setBackground(null);
jPanel8.setOpaque(false);

javax.swing.GroupLayout jPanel8Layout = new javax.swing.GroupLayout(jPanel8);
jPanel8.setLayout(jPanel8Layout);
jPanel8Layout.setHorizontalGroup(
    jPanel8Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(jPanel8Layout.createSequentialGroup()
        .addGap(0, 1120, Short.MAX_VALUE)
    )));

```

```

jPanel8Layout.setVerticalGroup(
    jPanel8Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGap(0, 630, Short.MAX_VALUE)
);
jPanel1.add(jPanel8);
jPanel8.setBounds(0, 0, 1120, 630);

jLabel12.setIcon(new javax.swing.ImageIcon(getClass().getResource("/img/Ashok脑壳.jpg")));
// NOI18N
jPanel1.add(jLabel12);
jLabel12.setBounds(120, 170, 210, 199);

jLabel11.setFont(new java.awt.Font("宋体", 0, 24)); // NOI18N
jLabel11.setForeground(new java.awt.Color(255, 255, 255));
jLabel11.setText("二星会员");
jPanel1.add(jLabel11);
jLabel11.setBounds(180, 410, 100, 30);

jLabel10.setFont(new java.awt.Font("宋体", 0, 36)); // NOI18N
jLabel10.setForeground(new java.awt.Color(255, 255, 255));
jLabel10.setText(u.getUserName());
jPanel1.add(jLabel10);
jLabel10.setBounds(180, 370, 90, 40);

jLabel13.setFont(new java.awt.Font("宋体", 0, 36)); // NOI18N
jLabel13.setForeground(new java.awt.Color(240, 240, 240));
jLabel13.setIcon(new javax.swing.ImageIcon(getClass().getResource("/img/大返回.jpg")));
// NOI18N
jLabel13.setText("<");
jLabel13.addMouseListener(this);
jPanel1.add(jLabel13);
jLabel13.setBounds(0, 30, 80, 60);

jPanel2.setBackground(null);
jPanel2.setOpaque(false);

jLabel20.setFont(new java.awt.Font("宋体", 0, 36)); // NOI18N
jLabel20.setForeground(new java.awt.Color(255, 255, 255));
jLabel20.setText("      " + ticlist.size());

jLabel9.setFont(new java.awt.Font("宋体", 0, 24)); // NOI18N
jLabel9.setForeground(new java.awt.Color(255, 255, 255));
jLabel9.setText("会员卡");
jLabel9.addMouseListener(this);

jLabel19.setFont(new java.awt.Font("宋体", 0, 36)); // NOI18N
jLabel19.setForeground(new java.awt.Color(255, 255, 255));
jLabel19.setText("1 ");

jLabel2.setFont(new java.awt.Font("宋体", 0, 24)); // NOI18N
jLabel2.setForeground(new java.awt.Color(255, 255, 255));
jLabel2.setText(" 我的钱包 >");
jLabel2.addMouseListener(this);

jLabel8.setFont(new java.awt.Font("宋体", 0, 24)); // NOI18N
jLabel8.setForeground(new java.awt.Color(255, 255, 255));

```



```

        .addGap(29, 29, 29))
        .addGroup(jPanel2Layout.createSequentialGroup()
            .addGap(23, 23, 23)
            .addComponent(jLabel17)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
            .addComponent(jLabel18)
            .addGap(57, 57, 57)))
        .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment-
t.LEADING)
            .addGroup(jPanel2Layout.createSequentialGroup()
                .addGap(18, 18, 18)
                .addComponent(jLabel9)
                .addGap(24, 24, 24))
            .addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel2Layout.createSe-
quentialGroup()
                .addComponent(jLabel19)
                .addGap(52, 52, 52)))
        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel2Layout.createSe-
quentialGroup()
            .addGap(0, 91, Short.MAX_VALUE)
            .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignmen-
t.LEADING, false)
                .addComponent(jLabel5, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.DEFAULT_SIZE, 479, Short.MAX_VALUE)
                .addComponent(jLabel2, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, Short.-MAX_VALUE)
                .addComponent(jLabel4, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.-GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                .addComponent(jLabel3, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, Short.-MAX_VALUE)))
        );
    jPanel2Layout.setVerticalGroup(
        jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel2Layout.createSequentialGroup()
            .addGap(89, 89, 89)
            .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignmen-
t.BASELINE)
                .addComponent(jLabel18)
                .addComponent(jLabel19)
                .addComponent(jLabel17)
                .addComponent(jLabel20))
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignmen-
t.BASELINE)
                .addComponent(jLabel6)
                .addComponent(jLabel7)
                .addComponent(jLabel8)
                .addComponent(jLabel9))
            .addGap(89, 89, 89)
            .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 69,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 72,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED_SIZE, 63,
javax.swing.GroupLayout.PREFERRED_SIZE)
        )
    )
}

```

```

        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED_SIZE, 62,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addContainerGap(79, Short.MAX_VALUE))
    );
}

jPanel1.add(jPanel2);
jPanel2.setBounds(410, 0, 570, 630);

getContentPane().add(jPanel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0,
1120, 630));

pack();
}

public static void main(String abc[]) {
    ArrayList<Integer> seatlist = new ArrayList<>();
    seatlist.add(9);
    Cinema ci = new Cinema();
    Hall ha = new Hall();
    Session se = new Session();
    Movie mo = new Movie();
    CinemaService cs = new CinemaServiceImpl();
    HallService hs = new HallServiceImpl();
    SessionService ss = new SessionServiceImpl();
    MovieService ms = new MovieServiceImpl();
    se = ss.querySessionById(2);
    ha = hs.queryHallById(2);
    ci = cs.queryCinemaById(1);
    mo = ms.queryMovieById(2);
    User u = new User();
    UserService us = new UserServiceImpl();
    u = us.queryUserByid(8);
    Ticket ti = new Ticket();
    TicketService ts = new TicketServiceImpl();
    //用户必须买了票才行---BUG
    // ti = ts.queryAllTicketuid(u.getUid()).get(0);
    P22 p = new P22(ci, mo, se, ha, null, 0d, u, null);
    p.setVisible(true);
    //s,h,c,m,13,8,2,16
    //2212
}

@Override
public void actionPerformed(ActionEvent e) {
    // throw new UnsupportedOperationException("Not supported yet."); //To change body of
generated methods, choose Tools | Templates.
}

public void mouseClicked(MouseEvent e) {
    Object c = e.getSource();
    if (c == jLabel2) {//我的钱包

        jPanel1.remove(jPanel2);
        jPanel3.setBounds(450, 0, 570, 630);
        jPanel1.add(jPanel3);
        jPanel1.updateUI();
        this.setVisible(true);
        n++;
    }
}

```

```

if (c == jLabel16) {//充值
    jPanel1.remove(jPanel3);
    jPanel4.setBounds(450, 0, 570, 630);
    jPanel1.add(jPanel4);
    jPanel1.updateUI();
    this.setVisible(true);
    n++;
}

if (c == jLabel14) {//微信支付
    jPanel6.setBounds(0, 0, 1120, 630);
    // jPanel8.setLayout(null);
    jPanel8.add(jPanel6);
    jPanel8.updateUI();
    this.setVisible(true);
}
if(c==jLabel6){
    System.out.println("4");
    int i;
    jPanel1.remove(jPanel2);

    System.out.println("3");
jPanel7.setBounds(450,0,570, 630);
jPanel10.setBounds(450, 0, 570, 188);
jPanel13.setBounds(450, 188, 570, 188);
jPanel14.setBounds(450, 376, 570, 188);
jPanel1.add(jPanel7);
    System.out.println("2");

for(i=0;i<nt;i++)
{
a[i]=ticlist.get(i).getSId();
}
while(i<nt)
{
int j=0;
i=0;

int count=0;//432200
System.out.println("a["+i+"]:" + nt + "i:" + i + "j:" + j);
for(j=i;j<nt;j++)
count++;
i+=j;

switch(v)
{
case 1:tic1(i,count);break;
case 2:tic2(i,count);break;
case 3:tic3(i,count);break;
}
v++;
}
    System.out.println("1 ");
jPanel1.updateUI();
jPanel8.updateUI();

this.setVisible(true);
n=3;
}

```

```

if (c == jLabel25) {//充值返回
    jPanel8.remove(jPanel6);
    jPanel8.updateUI();
    this.setVisible(true);// throw new UnsupportedOperationException("Not supported yet."); //
To change body of generated methods, choose Tools | Templates.
}

if (c == jLabel21) {//支付宝支付
    jPanel6.setBounds(0, 0, 1120, 630);
    jPanel8.add(jPanel6);
    jPanel8.updateUI();
    this.setVisible(true);// throw new UnsupportedOperationException("Not supported yet."); //
To change body of generated methods, choose Tools | Templates.
}

if (c == jLabel5) {//联系客服
    System.out.println("jI15go to 26");
    new P26(ci, mo, se, ha, null, 0d, u, ti).setVisible(true);
    this.dispose();
    closeThis();// throw new UnsupportedOperationException("Not supported yet."); //To
change body of generated methods, choose Tools | Templates.
}

if (c == jLabel9) {//会员卡
//P26
    new P27(ci, mo, se, ha, seatlist, money, u, ti).setVisible(true);
    this.dispose();
}

if (c == jLabel13) {//返回键
    if (n == 0) {
        new P2(ci, mo, se, ha, seatlist, money, u, ti).setVisible(true);
        closeThis();
    }
    if (n == 1) {
        jPanel1.remove(jPanel3);
        jPanel2.setBounds(410, 0, 570, 630);
        jPanel1.add(jPanel2);
        jPanel1.updateUI();
        this.setVisible(true);
        n--;
    }
    if (n == 2) {
        jPanel1.remove(jPanel4);
        jPanel3.setBounds(450, 0, 570, 630);
        jLabel1.setText("¥" + u.getBalance());
        jPanel3.updateUI();
        jPanel1.add(jPanel3);
        jPanel1.updateUI();
        this.setVisible(true);
        n--;
    }
    if (n == 3) {
        jPanel1.remove(jPanel7);
//jPanel8.remove(jPanel9);
        jPanel1.add(jPanel2);
        jPanel1.updateUI();
        jPanel8.updateUI();
        this.setVisible(true);
        n = 0;
    }
}

```

```

        }

    }

    public void mousePressed(MouseEvent e) {
        // throw new UnsupportedOperationException("Not supported yet."); //To change body of
        // generated methods, choose Tools | Templates.
    }

    public void mouseReleased(MouseEvent e) {
        //throw new UnsupportedOperationException("Not supported yet."); //To change body of
        // generated methods, choose Tools | Templates.
    }

    public void mouseEntered(MouseEvent e) {
        //throw new UnsupportedOperationException("Not supported yet."); //To change body of
        // generated methods, choose Tools | Templates.
    }

    public void mouseExited(MouseEvent e) {
        //throw new UnsupportedOperationException("Not supported yet."); //To change body of
        // generated methods, choose Tools | Templates.
    }

    @Override
    public void keyTyped(KeyEvent e) {

    }

    @Override
    public void keyPressed(KeyEvent e) {
        Object o = e.getSource();
        ZhuanHuan z=new ZhuanHuan();
        if (o == jPasswordField1) {
            money= z.Stringtoint(jTextField1.getText());
            int key = e.getKeyCode();
            if (key == '\n') {
                String s = new String(jPasswordField1.getPassword());
                if (s.equals(u.getuPass())) {

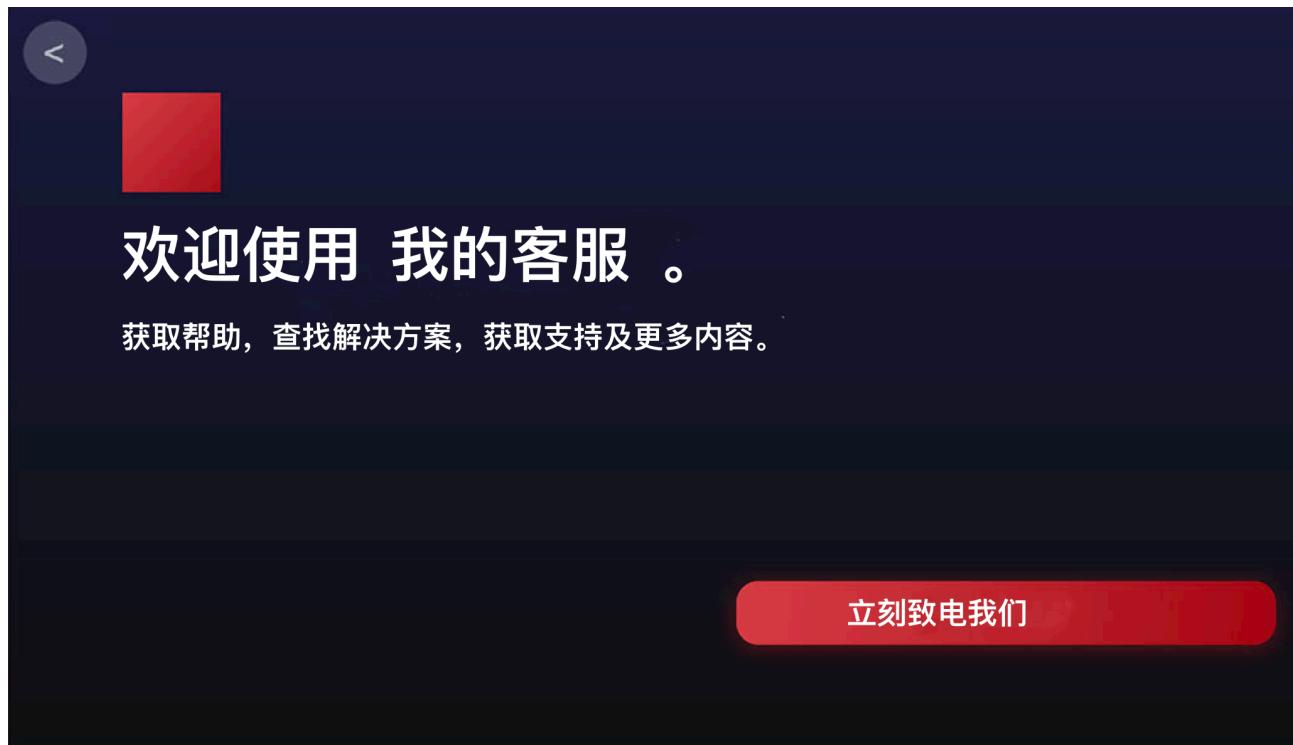
                    u.setBalance(u.getBalance() + money);
                    us.updateUser(u);
                    jLabel1.setText("¥" + u.getBalance());
                    jPanel8.remove(jPanel6);
                    JOptionPane.showMessageDialog(null, "充值成功！");
                    // jPasswordField1.setText("");
                    // jTextField1.setText("");
                    jPanel8.updateUI();
                    this.setVisible(true);
                }
            }
        }
        else{
            JOptionPane.showMessageDialog(null, "密码错误");
        }
    }
}

//To change body of generated methods, choose Tools | Templates.
} // TODO add your handling code here:
// throw new UnsupportedOperationException("Not supported yet."); //To change body of
// generated methods, choose Tools | Templates.
}

```

```
@Override  
public void keyReleased(KeyEvent e) {  
    // throw new UnsupportedOperationException("Not supported yet."); //To change body of  
generated methods, choose Tools | Templates.  
}  
}
```

P26.java:Service Page



```
public class P26 extends JFrame implements ActionListener,MouseListener {  
    Cinema ci;  
    CinemaService cs;  
    Hall ha;  
    HallService hs;  
    Movie mo;  
    MovieService ms;  
    Ticket ti;  
    TicketService ts;  
    User u;  
    UserService us;  
    double money;  
    Session se;  
    SessionService ss;  
    List<Integer> seatlist;  
    int usertype;  
    private List<Cinema> cinlist;
```

P26(Cinema ci,Movie mo,Session se,Hall ha,List<Integer> seatlist,Double money,User u,Ticket ti)

```

{this.ci=ci;
this.mo=mo;
this.se=se;
this.ha=ha;
this.seatlist=seatlist;
this.mo=mo;
this.money=money;
this.u=u;
this.ti=ti;
GUI();
}
public void closeThis(){
    this.dispose();
}

public void GUI(){

    jLabel2.setText("欢迎使用“我的客服”。");

    jLabel3.setFont(new java.awt.Font("宋体", 1, 24)); // NOI18N
    jLabel3.setText("获取帮助，查找解决方案，获取支持及更多内容。");

    jLabel4.setFont(new java.awt.Font("宋体", 1, 24)); // NOI18N
    jLabel4.setForeground(new java.awt.Color(255, 255, 255));
    jLabel4.setText("      立刻致电我们");

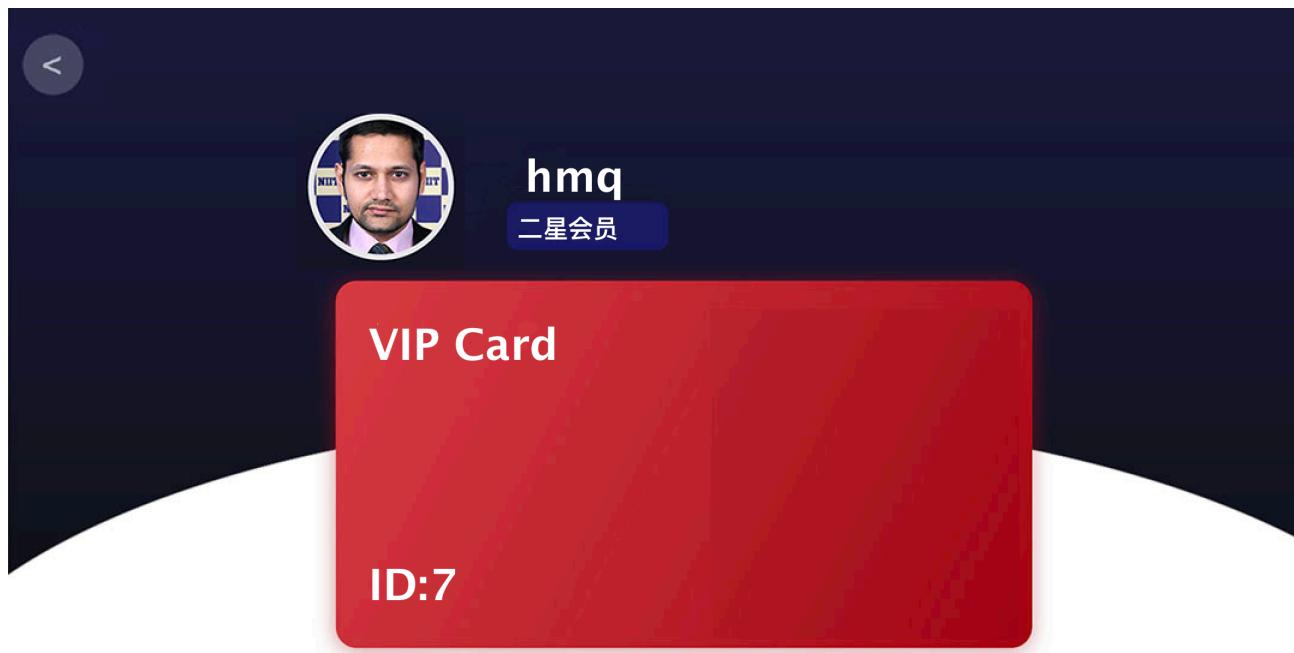
    jLabel5.setIcon(new javax.swing.ImageIcon(getClass().getResource("/img/大返回.jpg"))); // NOI18N
    jLabel5.addMouseListener(this);

    jLabel1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/img/客服背景.jpg"))); // NOI18N
}

public void mouseClicked(MouseEvent e) {
    new P22(ci, mo, se, ha, null, 0d, u, ti).setVisible(true);
    closeThis(); // throw new UnsupportedOperationException("Not supported yet."); //To change
body of generated methods, choose Tools | Templates.
}
}

```

P27.java:VIP page
 public class P27 extends JFrame implements ActionListener,MouseListener {



```
Cinema ci;
CinemaService cs;
Hall ha;
HallService hs;
Movie mo;
MovieService ms;
Ticket ti;
TicketService ts;
User u;
UserService us;
double money;
Session se;
SessionService ss;
List<Integer> seatlist;
int usertype;
private List<Cinema> cinlist;
```

```
P27(Cinema ci,Movie mo,Session se,Hall ha,List<Integer> seatlist,Double money,User u,Ticket ti)
{this.ci=ci;
this.mo=mo;
this.se=se;
this.ha=ha;
this.seatlist=seatlist;
this.mo=mo;
this.money=money;
this.u=u;
this.ti=ti;
GUI();
}
public void closeThis(){
this.dispose();
}
public void GUI(){
jLabel2 = new javax.swing.JLabel();
```

```

jLabel2.setIcon(new javax.swing.ImageIcon(getClass().getResource("/img/大返回.jpg"))); // NOI18N
jLabel2.addMouseListener(this);
jLabel3.setText(" 二星会员 ");

jLabel4.setIcon(new javax.swing.ImageIcon(getClass().getResource("/img/小Ashok脑壳.jpg")));
jLabel6.setText("VIP Card");

jLabel7.setText("ID:" + u.getUid());

jLabel1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/img/会员卡背景.jpg"))); // NOI18N
jPanel1Layout.setHorizontalGroup(
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGap(0, 1120, Short.MAX_VALUE)
);
}

@Override
public void actionPerformed(ActionEvent e) {
    // throw new UnsupportedOperationException("Not supported yet."); //To change body of generated methods, choose Tools | Templates.
}

public void mouseClicked(MouseEvent e) {
Object c=e.getSource();
if(c==jLabel2){
closeThis();
new P22(ci, mo, se, ha, null, 0d, u, ti).setVisible(true);
} // throw new UnsupportedOperationException("Not supported yet."); //To change body of generated methods, choose Tools | Templates.
}

```

