

TITLE OF MINI PROJECT : MOVIE TICKET BOOKING

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Abstract:

The Online Movie Ticket Booking System serves customers to book tickets for cinema halls through online, where they can book tickets anytime and anywhere. E-ticket booking system makes the people feel comfortable for booking seats, purchasing snacks for the movie time and gathering information about trending movies. In this mini project we will illustrate our system by providing DFD (DATA FLOW DIAGRAMS) on some functions. Admin can use the system to insert, delete and update data in this system (e.g. film description, show timings and date). This system books tickets at a faster rate. Online Movie Ticket Booking System saves time for people. Any person can book a ticket in this system, it is really user-friendly. Using this system one can handle the data efficiently and users can get information about trending movies.

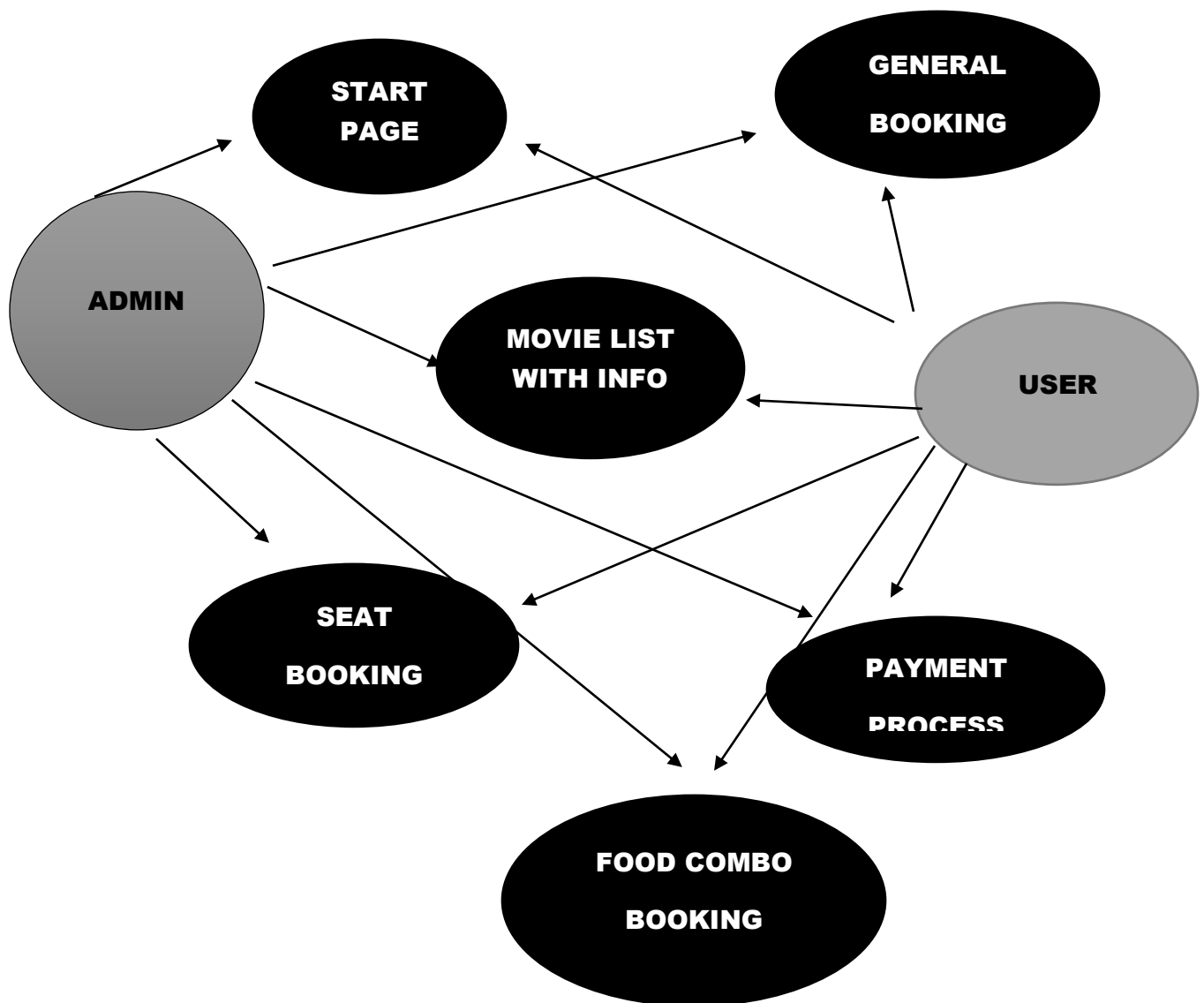
Objective:

The general objective is to make the movie ticket booking system online based.

- Data manipulation is easy.
- To enable the customers to save their time by using quick booking.
- User-friendly for the customers.
- Efficient data management System.
- Searching the data is efficient.
- Payment process is comfortable.
- Feel ease for people.
- Simple and effective.
- Interactive

Data Flow Diagram:

This Data Flow diagram comprises all functionalities of the Movie Ticket Booking System.



MODULES AND DESCRIPTION

Module –Startpage

- Provided with simple title and image on it.
- Helps find the user to navigate to their respective location .

Module –tamil1

- This module is provided with list of movies in it
- Each movie is provided with its details and casting features
- The BOOK NOW button easily navigates to the next module without any erroneous condition for further booking.

Module –booking

- In this module, general details are gathered such as
- No.of.tickets
- Selecting movie theatre
- Date
- Deciding show time with user's knowledge.
- Further proceeding the module for seat booking , payment processing and food combo booking

Module –seat booking

- In this module, the user can book their seats as per the class and price.
- On selecting a seat provides a background color change so that the user can find the availability of seats.
- The user can then confirm their seat.

Module –payment

- The module has a simple payment gateway

- It has credit based payment
- It deducts the amount and displays a message to the user and it also deducts amount if the user has booked for any food combo or other events.

Module –food combo

- The module is provided with various food combos like juices and snacks
- It is made as optional for the user and the amount would be deducted accordingly.

COMPONENTS WITH SYNTAX

getContentPane()

Objects are added to the content pane layer of the container.

The `getContentPane()` method retrieves the content pane layer so that you can add an object to it. The content pane is an object created by the Java run time environment.

```
Container obj=getContentPane( );
```

JLabel

JLabel is a simple component for displaying text, images or both. It does not react to input events.

```
JLabel obj=new JLabel( );
```

TextField

TextField is a text component that allows editing of a single line of non-formatted text.

- `TextField()`-Constructs a new text field.(tf1)
- `TextField(String text)`-Constructs a new text field initialized with the specified text.(tf3)
- `TextField(int columns)`-Constructs a new empty TextField with the specified number of columns(tf2)
- `TextField(String text,int columns)`-Constructs a new text field initialized with the specified text to be displayed, and wide enough to hold the specified number of characters.(tf4)

Button

The Button class is used to create a labeled button that has platform independent implementation. The application result in some action when the button is pushed.

```
Button obj=new Button( );
```

Button()	Creates a button with no text on it.
Button(String text)	Creates a button with a text on it.

JOptionPane:

used to create a top-level container Dialog window which contains a set of informations.

```
JOptionPane.showMessageDialog(frame,"");
```

```
JOptionPane.showConfirmDialog(frame,"");
```

JRadioButton—Swing Component

JRadioButton class is used to create a radio button control, which contains a circle that can be selected or unselected by clicking on it.

Constructors of JRadioButton

Constructor	Description
public JRadioButton()	Creates an unselected radio button.
public JRadioButton(String text)	Creates an unselected radio button with specified text.
public JRadioButton(String text, boolean b)	Creates a radio button with specified text, which is selected or unselected on the basis of boolean value.
public JRadioButton(String text, Icon image, boolean b)	Creates a radio button with specified text and icon, which is selected or unselected depending on boolean value.

Basic Methods used:

setSize()-set the dimension of the window

- setSize(int width,int height)
- setSize(Dimension size)

setVisible(Boolean value)—After creation of frame to make it visible from invisible(By default its invisible)

setTitle(String newtitle)—Title of the frame window

setLayout()—Used to arrange the components in specific order.Each container class has a default layout manager. The default layout manager for the Frame class

and Dialog class is the BorderLayout manager. The default layout manager for the Panel class (and the Applet class) is the FlowLayout manager.

- java.awt.BorderLayout
- java.awt.FlowLayout
- java.awt.GridLayout
- java.awt.CardLayout
- java.awt.GridBagLayout
- javax.swing.BoxLayout
- javax.swing.GroupLayout
- javax.swing.ScrollPaneLayout
- javax.swing.SpringLayout etc.

setBounds(int x,int y,int width,int height) – used to set the component in the specified position

setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE)-exits the frame

setBackground(Color.red)-sets the background color of the container

setForeground(Color.red)-sets the color of the text or label.

ImageIcon

Icon is small fixed size picture, typically used to decorate components. ImageIcon is an implementation of the Icon interface that paints icons from images. Images can be created from a URL, filename, or byte array.

- ImageIcon(Image image)-Creates an ImageIcon from an image object.
- ImageIcon(String filename)-Creates an ImageIcon from the specified file.
- ImageIcon(URL location)-Creates an ImageIcon from the specified URL.

JComboBox

JComboBox shows a popup menu that shows a list and the user can select a option from that specified list . **JComboBox** can be editable or read- only depending on the choice of the programmer .

- **JComboBox()** : creates a new empty JComboBox .
- **JComboBox(ComboBoxModel M)** : creates a new JComboBox with items from specified ComboBoxModel
- **JComboBox(E [] i)** : creates a new JComboBox with items from specified array.

Events and Interfaces

Event Handling

Event Handling is the mechanism that controls the event and decides what should happen if an event occurs. This mechanism has the code which is known as event handler that is executed when an event occurs.

Java Uses the Delegation Event Model to handle the events. This model defines the standard mechanism to generate and handle the events.

The Delegation Event Model has the following key participants namely:

Event Source - The source is an object on which event occurs. Source is responsible for providing information of the occurred event to its handler. Java provide as with classes for source object.

Event sources are components, subclasses of java.awt.Component, capable to generate events. The event source can be a button, TextField or a Frame etc.

Event Listener - It is also known as event handler. Listener is responsible for generating response to an event. From java implementation point of view the listener is also an object. Listener waits until it receives an event. Once the event is received, the listener processes the event and then returns.

Button event - interface -ActionListener

 - method -actionPerformed(ActionEvent event_obj)

ComboBox,RadioButton event

 -interface-ItemListener

 -method-itemStateChanged(ItemEvent event_obj)

CODING WITH COMMENTS

//startpage

```
package project;
```

```
import java.awt.*;
```

```
import java.awt.event.*;
```

```
import javax.swing.*;
```

```
public class Project extends JFrame implements ItemListener{
```

```
    Container co;      //declaration of required components
```

```
    Label l1,l2;
```

```
    JLabel l3,l4;
```

```
    ImageIcon i1,i2;
```

```
    JComboBox c;
```

```
    public Project(){
```

```
        co=getContentPane();
```

```
l1=new Label("Welcome to Ticketplease...!!");

Font f1 = new Font("French Script MT",Font.ITALIC,80);

l1.setFont(f1);//l1.setAlignment(Label.CENTER);

l1.setForeground(Color.orange);

l1.setBounds(170,0,1300,200);

add(l1);

i1=new ImageIcon("C:\\Users\\User\\Desktop\\mini
project\\new.jpg");

l3=new JLabel(i1);l3.setBounds(400,300,497,377);

co.add(l3);

l2=new Label("SELECT YOUR LOCATION");

Font f = new Font("French Script
MT",Font.ITALIC,20);l2.setFont(f);

l2.setForeground(Color.CYAN);//l2.setAlignment(Label.RIGHT);

l2.setBounds(350,200,300,50);

co.add(l2);

String
Select_City[]={ "Chennai", "Madurai", "Coimbatore", "Tuticorin", "Tirunelve
li"};

c=new JComboBox(Select_City);

//c.setAlignmentX(Component.RIGHT_ALIGNMENT);

c.setBounds(650,200,200,50);

co.add(c);
```

```

        c.addItemListener(this);

        setSize(1366,768);                //basic functionalities

        co.setBackground(Color.black);

        setLayout(null);

        setVisible(true);

        setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
    }

    public void itemStateChanged(ItemEvent e){

        if(e.getStateChange()==e.SELECTED){

            new tamil1();                //calling the following frame

        }

    }

    public static void main(String[] args){

        new Project();

    }

}

//movie list

package project;

import java.awt.*;

import java.awt.event.*;

import javax.swing.*;

```

```

public class tamil1 extends JFrame implements ActionListener{

    Container con1;

    ImageIcon im1,im2,im3,im4,im5,im6;

    JButton b1,b2,b3;

    JLabel k1,k2,k3,dar,big,asu;

    Font f1;

    tamil1(){

        //creating imageicons

        f1=new Font("Lucida Calligraphy", Font.BOLD, 30);

        im1=new ImageIcon("C:\\Users\\User\\Desktop\\mini
project\\darbar.jpg");

        im2=new ImageIcon("C:\\Users\\User\\Desktop\\mini
project\\bigil2.jpg");

        im3=new ImageIcon("C:\\Users\\User\\Desktop\\mini
project\\asuran1.jpg");


        con1=getContentPane();

        k1=new JLabel(im1);           //passing icon object to JLabel

        k2=new JLabel(im2);

        k3=new JLabel(im3);

        k1.setBounds(100,30,300,168);

        add(k1);

        k2.setBounds(100,225,300,168);

```

```

        add(k2);

        k3.setBounds(100,425,300,168);

        add(k3);

//can include html format for convenience & for a better display

//these labels provides the information about the movie

        dar=new JLabel("<html>Directed by : AR Murugadoss<br>Produced
by :Allirajah Subaskaran<br>Written by :AR Murugadoss<br>Starring
:Rajinikanth,Suniel Shetty,Nayanthara,<br>Nivetha Thomas,Nawab
Shah<br>Music by :Anirudh Ravichander<br>Production company :Lyca
Productions<br>Language:Tamil</html>");

        big=new JLabel("<html>Directed by :Atlee<br>Produced by
:Kalpathi S. Aghoram<br>Written by :Atlee,S. Ramana
Girivasan<br>Starring :Vijay,Nayanthara,Vivek,<br>Jackie
Shroff,Kathir,Yogi Babu<br>Music by :A.R.Rahman<br>Cinematography :G.
K. Vishnu<br>Production company :AGS Entertainment<br>Language
:Tamil</html>");

        asu=new JLabel("<html>Directed by :Vetrimaaran<br>Produced by
:Kalaippuli S. Thanu<br>Written by      :SuKa
,Vetrimaaran<br>Screenplay by :Manimaaran & Vetrimaaran<br>Starring :
Dhanush,Manju Warriar<br>Music by :    G.V. Prakash
Kumar<br>Cinematography :Velraj<br>Production company :V
Creations<br>Language :Tamil</html>");

        dar.setBounds(500,30,300,200);dar.setForeground(Color.white);

        add(dar);

        big.setBounds(500,225,300,200);big.setForeground(Color.white);

        add(big);

        asu.setBounds(500,425,300,200);asu.setForeground(Color.white);

```

```
add(asu);

b1=new JButton("BOOK NOW");
b2=new JButton("BOOK NOW");
b3=new JButton("BOOK NOW");
b1.setBounds(850,100,150,50);
b1.setBackground(Color.orange);
add(b1);
b2.setBounds(850,300,150,50);
b2.setBackground(Color.orange);
add(b2);
b3.setBounds(850,500,150,50);
b3.setBackground(Color.orange);
add(b3);
b1.addActionListener(this);
b2.addActionListener(this);
b3.addActionListener(this);

con1.setBackground(Color.black);
setSize(1366,768);
setLayout(null);
setVisible(true);
```

```

        setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
    }

//event handling for buttons (BOOK NOW)

    public void actionPerformed(ActionEvent ev){

        if(ev.getSource()==b1){

            new Booking();

        }

        else if(ev.getSource()==b2){

            new Booking();

        }

        else if(ev.getSource()==b3){

            new Booking();

        }

    }}

    public static void main(String[] args){

        new tamil1();

    }

}

//General Booking (getting inputs such as no.of.tickets,date,time...)

package project;

import java.awt.*;

import javax.swing.*;

```



```
import java.awt.event.*;

import project.Seatbooking.*;

//multiple inheritance IS POSSIBLE for interface

public class Booking extends JFrame implements
ActionListener,ItemListener{

    Container cont;

    JTextField t1,t2,t3,t4;

    JComboBox cb1,cb2;

    JRadioButton r1,r2,r3,r4;

    Label l1,l2,l3,l4,l5,l6;

    JButton b1,b2,food,pay;

    Booking(){

        cont=getContentPane();

        setVisible(true);

        setSize(1366,768);

        setLayout(null);

        cont.setBackground(Color.black);


        l1=new Label("Select theatre ");

        Font f = new Font("French Script MT",Font.ITALIC,20);

        l1.setFont(f);

        l1.setBounds(86,100,200,30);
```

```
l1.setForeground(Color.ORANGE);

cont.add(l1);

l6=new Label("Enter no.of tickets");

l6.setFont(f);l6.setBounds(650,100,180,30);

l6.setForeground(Color.ORANGE);

cont.add(l6);

t2=new JTextField("",30);

t2.setBounds(800,100,100,30);t2.setEditable(true);

cont.add(t2);

String st[]={ "CINEPRIYA CINEMAS","GURU CINEMA HALL","VETRI
CINEMAS","BIG CINEMAS","GANESH CINEMAS","TAMIL JEYA CINEMAS","CENTRAL
CINEMA HALL"};

cb1=new JComboBox(st);

cb1.setBounds(300,100,200,50);

cont.add(cb1);

l4=new Label("Enter date");

l4.setFont(f);l4.setBounds(650,200,200,30);

l4.setForeground(Color.orange);

cont.add(l4);

t1=new JTextField("",30);

t1.setBounds(800,200,200,30);t1.setEditable(true);

cont.add(t1);
```

```
15=new Label("dd-mm-yyyy");  
15.setBounds(1000,200,200,30);  
15.setForeground(Color.white);  
cont.add(15);  
  
13=new Label(" Select Timing");13.setBounds(86,300,200,50);  
13.setFont(f);  
13.setForeground(Color.ORANGE);  
cont.add(13);  
  
r1=new JRadioButton("10.30  
am");r1.setBounds(300,300,100,30);  
  
r2=new JRadioButton("2.30 pm");r2.setBounds(500,300,100,30);  
r3=new JRadioButton("6.30 pm");r3.setBounds(700,300,100,30);  
r4=new JRadioButton("10.30  
pm");r4.setBounds(900,300,100,30);  
  
ButtonGroup bg=new ButtonGroup();  
bg.add(r1);  
bg.add(r2);  
bg.add(r3);  
bg.add(r4);
```

```
r1.addActionListener(this);r2.addActionListener(this);r3.addActionList  
ener(this);r4.addActionListener(this);
```

```
    cont.add(r1);cont.add(r2);cont.add(r3);cont.add(r4);
```

```
    b1=new JButton("PROCEED FOR SEAT BOOKING");
```

```
    b1.setBounds(100,500,300,50);
```

```
    b1.addActionListener(this);
```

```
    cont.add(b1);
```

```
    food=new JButton("DELICIOUS FOOD COMBO");
```

```
    food.setBounds(900,500,300,50);
```

```
    cont.add(food);
```

```
    food.addActionListener(this);
```

```
    pay=new JButton("PAYMENT GATEWAY");
```

```
    pay.setBounds(500,500,300,50);
```

```
    cont.add(pay);
```

```
    pay.addActionListener(this);
```

```
        //setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
```

```
    }
```

```
    public void itemStateChanged(ItemEvent ie){
```

```
        int c;
```

```
        if(ie.getStateChange()==ie.SELECTED){
```

```
            c=cb2.getSelectedIndex();
```

```
            if(c==0){
```

```
        JOptionPane.showMessageDialog(cont,"Ticket price for  
NORMAL class Rs.100");  
    }  
    else if(c==1){  
        JOptionPane.showMessageDialog(cont,"Ticket price for  
EXECUTIVE class Rs.200");  
    }  
    else{  
        JOptionPane.showMessageDialog(cont,"Ticket price for  
VIP class Rs.500");  
    }  
}  
}  
public void actionPerformed(ActionEvent ae){  
    if(ae.getSource()==r1){  
        JOptionPane.showMessageDialog(cont,"Do you accept this  
timing 10.30 am?");  
    }  
    else if(ae.getSource()==r2){  
        JOptionPane.showMessageDialog(cont,"Do you accept this  
timing 2.30 pm ?");  
    }  
    else if(ae.getSource()==r3){
```

```
        JOptionPane.showConfirmDialog(cont,"Do you accept this  
timing 6.30 pm?");
```

```
    }
```

```
    else if(ae.getSource()==r4){
```

```
        JOptionPane.showConfirmDialog(cont,"Do you accept this  
timing 10.30 pm?");
```

```
    }
```

```
    if(ae.getSource()==b1){
```

```
        new Seatbooking();
```

```
    }
```

```
    if(ae.getSource()==food){
```

```
        new Foodcombo();
```

```
    }
```

```
    if(ae.getSource()==pay){
```

```
        new payment();
```

```
    }
```

```
}
```

```
public static void main(String[] args){
```

```
    new Booking();
```

```
}
```

```

}

//Seat booking

package project;

import java.awt.*;

import java.awt.event.*;

import javax.swing.*;

public class Seatbooking extends JFrame implements ActionListener {

    Container c2;

    JLabel l1,l2;

    JPanel p;

    JTextField t1,t2,t3;

    JComboBox cb1,cb2;

    ImageIcon i1,i2,i3;

    int i,j,k;

    JButton b[]=new JButton[50];

    Seatbooking ()

{

    c2=getContentPane();

    c2.setBackground(Color.black);

    p=new JPanel();

    i2=new ImageIcon("C:\\Users\\User\\Desktop\\mini
project\\redseat.jpg");

    k=0;

```

```

        for( i=1;i<=5;i++){           //creating array of SEAT buttons

            for(j=1;j<=10;j++){

                b[k]=new JButton(""+k,i2);

                b[k].setForeground(Color.white);

                p.add(b[k]);

                k++;

            }

        }

        for(i=0;i<50;i++){

//setting background as black for each SEAT button

            b[i].setBackground(Color.black);

            b[i].addActionListener(this);

        }

//gridlayout of 5rows & 10columns

        p.setLayout(new GridLayout(5,10));

        c2.add(p);

        setSize(1366,768);

        setVisible(true);

        setTitle("SEAT BOOKING");

        setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);

    }

//event handling for array of SEAT buttons

```



```

        public void actionPerformed(ActionEvent e){

            int count=0;

            for(i=0;i<50;i++){

                if(e.getSource()==b[i]){

                    b[i].setBackground(Color.green);

                    JOptionPane.showMessageDialog(c2,"you have booked seat "+i);

                }

            }

            public static void main(String[] args){

                new Seatbooking();

            }

        }

```

//Foodcombo

```

package project;

import java.awt.*;

import java.awt.event.ActionEvent;

import java.awt.event.ActionListener;

import java.awt.event.ItemEvent;

import java.awt.event.ItemListener;

import javax.swing.*;

public class Foodcombo

{

```

```
JFrame fc;
```

```
JLabel l1,l2,l3,l4,l5,l7;
```

```
JComboBox c1,c2,c3,c4;
```

```
JButton b1,b2;
```

```
Font fo,foo,nf;
```

```
Foodcombo()
```

```
{
```

```
    fc=new JFrame("FOOD COMBO");
```

```
    fc.setVisible(true);
```

```
    fc.getContentPane().setBackground(Color.black);
```

```
    fc.setSize(400,400);
```

```
    fc.setLayout(null);
```

```
    fc.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
```

```
    final Font fo=new Font("monaco",Font.BOLD,25);
```

```
    final Font foo=new Font("monaco",Font.BOLD,15);
```

```
    Font nf=new Font("monaco",Font.BOLD,10);
```

```
    l1=new JLabel("MENU");
```

```
    l1.setForeground(Color.cyan);
```

```
    l1.setFont(fo);
```

```
    l1.setBounds(590,10,120,20);
```

```
    fc.add(l1);
```

```
l2=new JLabel("POPCORN");

l2.setFont(foo);

l2.setForeground(Color.WHITE);

l2.setBounds(500,60,100,20);

fc.add(l2);

String
amt[]={ "0","1","2","3","4","5","6","7","8","9","10","11","12","13","14",
"15","16","17","18","19","20"};

c1=new JComboBox(amt);

c1.setBackground(Color.yellow);

c1.setForeground(Color.RED);

c1.setBounds(670,60,100,20);

fc.add(c1);

l3=new JLabel("JUICES");

l3.setFont(foo);

l3.setForeground(Color.WHITE);

l3.setBounds(500,100,100,20);

fc.add(l3);

String
juice[]={ "BLUEBERRY", "STAWBERRY", "LIME", "ORANGE", "GRAPE", "PINEAPPLE", "
APPLE", "POMEGRANATE", "BEET", "CRANEBERRY", "TARTCHERRY", "CARROT"};

c2=new JComboBox(juice);

c2.setFont(nf);
```

```
c2.setBackground(Color.yellow);

c2.setForeground(Color.red);

c2.setBounds(670,100,100,20);

fc.add(c2);

l4=new JLabel("SPICYSNACK");

l4.setFont(foo);

l4.setForeground(Color.WHITE);

l4.setBounds(500,140,100,20);

fc.add(l4);

String
snack[]={ "SAMOSA(4)", "POTATONUGGETS", "PALAKPAKODA", "FRENCHFRIES", "VEGC
UTLET", "ALOOTIKKI"};

c3=new JComboBox(snack);

c3.setFont(nf);

c3.setBackground(Color.YELLOW);

c3.setForeground(Color.RED);

c3.setBounds(670,140,100,20);

fc.add(c3);

l5=new JLabel("ICECREAM");

l5.setFont(foo);

l5.setForeground(Color.WHITE);

l5.setBounds(500,180,100,20);

fc.add(l5);
```

```
String
flavor[]={"PEACH","CHOCOLATE","VANILLA","BUTTERSCOTCH","BLACKCURRENT"}
;

c4=new JComboBox(flavor);

c4.setFont(nf);

c4.setBackground(Color.YELLOW);

c4.setForeground(Color.red);

c4.setBounds(670,180,100,20);

fc.add(c4);

l7=new JLabel("CONFIRMBOOKING?");

l7.setFont(foo);

l7.setForeground(Color.white);

l7.setBounds(500,220,170,20);

fc.add(l7);

b1=new JButton("CONFIRM");

b1.setFont(foo);

b1.setBackground(Color.yellow);

b1.setForeground(Color.RED);

b1.setBounds(670,220,150,20);

fc.add(b1);

b2=new JButton("CANCEL");

b2.setFont(foo);

b2.setBackground(Color.yellow);
```

```
b2.setForeground(Color.RED);

b2.setBounds(830,220,100,20);

fc.add(b2);


c1.addItemListener(new ItemListener(){

    public void itemStateChanged(ItemEvent i){

        String str1=(String)c1.getSelectedItem();

        int no=Integer.parseInt(str1);

        int money=no*100;

        str1=String.valueOf(money);

        JTextField f1=new JTextField(80);

        f1.setText("YOU SELECTED "+no+" POPCORN AND ITS COST

"+str1+"");

        f1.setBackground(Color.yellow);

        f1.setFont(foo);

        f1.setForeground(Color.red);

        f1.setBounds(500,260,500,20);

        fc.add(f1);

    }

});

c2.addItemListener(new ItemListener(){
```

```

        public void itemStateChanged(ItemEvent i){

            String str2=(String)c2.getSelectedItemAt();

            JTextField f2=new JTextField(80);

            f2.setText("YOU SELECTED "+str2+" AND ITS COST
RUPEES 100 ");

            f2.setBackground(Color.yellow);

            f2.setFont(foo);

            f2.setForeground(Color.red);

            f2.setBounds(500,300,500,20);

            fc.add(f2);

        }

    });

    c3.addItemListener(new ItemListener(){

        public void itemStateChanged(ItemEvent i){

            String str3=(String)c3.getSelectedItemAt();

            JTextField f3=new JTextField(80);

            f3.setText("YOU SELECTED "+str3+" AND ITS COST
RUPEES 100 ");

            f3.setBackground(Color.yellow);

            f3.setFont(foo);

            f3.setForeground(Color.red);

            f3.setBounds(500,335,500,20);

            fc.add(f3);

```

```

        }
    });
    c4.addItemListener(new ItemListener(){
        public void itemStateChanged(ItemEvent i){
            String str4=(String)c4.getSelectedItem();
            JTextField f4=new JTextField(80);
            f4.setText("YOU SELECTED "+str4+" AND ITS COST
RUPEES 100 ");
            f4.setBackground(Color.yellow);
            f4.setFont(foo);
            f4.setForeground(Color.red);
            f4.setBounds(500,375,500,20);
            fc.add(f4);

        } });
    b1.addActionListener(new ActionListener() {
        public void actionPerformed(ActionEvent e) {
            JTextField tx=new JTextField(50);
            tx.setText("USERCARDNO");
            tx.setFont(foo);
            tx.setForeground(Color.cyan);
            tx.setBackground(Color.black);
            tx.setBounds(500,405,150,20);

```



```
fc.add(tx);

JTextField tf=new JTextField(50);

tf.setText("767650");

tf.setFont(foo);

tf.setForeground(Color.red);

tf.setBackground(Color.yellow);

tf.setBounds(670,405,150,20);

fc.add(tf);

JTextField tp=new JTextField(50);

tp.setText("PASSWORD");

tp.setFont(foo);

tp.setForeground(Color.cyan);

tp.setBackground(Color.black);

tp.setBounds(500,445,150,20);

fc.add(tp);

JPasswordField passwordpin=new JPasswordField(20);

passwordpin.setFont(fo);

passwordpin.setForeground(Color.red);

passwordpin.setBackground(Color.yellow);

passwordpin.setText("4545");

passwordpin.setBounds(670,445,150,20);

fc .add(passwordpin);
```

```

        JtextField ty=new JtextField(50);

        ty.setText("BOOKING CONFIRMED");

        ty.setForeground(Color.cyan);

        ty.setBackground(Color.black);

        ty.setBounds(500,475,200,20);

        fc.add(ty);

    }

});

}

public static void main(String[] args) {

    Foodcombo fcc=new Foodcombo();

    }

}

//payment

package project;

import java.awt.Color;

import java.awt.FlowLayout;

import java.awt.Font;

import java.awt.event.ItemEvent;

import java.awt.event.ItemListener;

import javax.swing.*.*;

import java.util.Scanner;

```

```
public class payment{

    JFrame f;JLabel l1,l2,l3,l4,l5;JTextField t1,t2,t3;JPasswordField
passwordpin;JComboBox combo;

    String s1="FIRSTCLASS";String s2="SUPER";String s4="NORMAL";

    payment()

    {

        JFrame f=new JFrame();

        f.setVisible(true);

        f.getContentPane().setBackground(Color.BLACK);

        f.setSize(400,400);

        f.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);

        f.setLayout(null);

        Font fo=new Font("monaco",Font.BOLD,15);

        l1=new JLabel("USERNAME:");

        l1.setForeground(Color.WHITE);

        l1.setFont(fo);

        l1.setBounds(20, 30, 100, 20);

        f.add(l1);

        t1=new JTextField(30);

        t1.setFont(fo);

        t1.setText("SUJAPRIYA");

        final String sp=t1.getText();
```

```
t1.setForeground(Color.red);  
t1.setBackground(Color.yellow);  
t1.setBounds(120,30,200,20);  
f.add(t1);  
  
l2=new JLabel("USERCARDNO:");  
l2.setForeground(Color.WHITE);  
l2.setFont(fo);  
l2.setBounds(20,70 ,150 ,25 );  
f.add(l2);  
  
t2=new JTextField(20);  
t2.setFont(fo);  
t2.setForeground(Color.red);  
t2.setBackground(Color.yellow);  
t2.setText("77770");  
t2.setBounds(150,70,180,20);  
f.add(t2);  
  
l3=new JLabel("PASSWORD:");  
l3.setFont(fo);  
l3.setForeground(Color.WHITE);  
l3.setBounds(20,110,150,25);  
f.add(l3);  
  
passwordpin=new JPasswordField(20);
```

```
passwordpin.setFont(fo);

passwordpin.setForeground(Color.red);

passwordpin.setBackground(Color.yellow);

passwordpin.setText("4545");

passwordpin.setBounds(130,110,180,20);

f.add(passwordpin);

l4=new JLabel("SELECTCLASS:");

l4.setFont(fo);

l4.setForeground(Color.WHITE);

l4.setBounds(20,150,160,25);

f.add(l4);

String choice[]={"FIRST","FIRSTCLASS","NORMAL","SUPER"};

combo=new JComboBox(choice);

combo.setForeground(Color.RED);

combo.setBackground(Color.yellow);

combo.setBounds(160,150,150,25);

f.add(combo);

t3=new JTextField(50);

t3.setBackground(Color.yellow);

t3.setBounds(20,190,320,20);

f.add(t3);

l5=new JLabel();
```

```
l5.setFont(fo);

l5.setBounds(20,240,320,20);

f.add(l5);


combo.addItemListener(new ItemListener(){

    public void itemStateChanged(ItemEvent ie){

        String str = (String)combo.getSelectedItem();

        if(str.equals(s1))

        {

            t3.setText("RUPEES 150 WITHDRAWED "+sp+" ACCOUNT");

            t3.setForeground(Color.RED);

            l5.setText("YOUR BOOKING IS CONFIRMED");

            l5.setForeground(Color.cyan);

            l5.setBackground(Color.YELLOW);

        }

        else if(str.equals(s2))

        {

            t3.setText("RUPEES 190 WITHDRAWED "+sp+" ACCOUNT");

            t3.setForeground(Color.RED);

            l5.setText("YOUR BOOKING IS CONFIRMED");

            l5 .setForeground(Color.cyan);

            l5.setBackground(Color.YELLOW);

        }

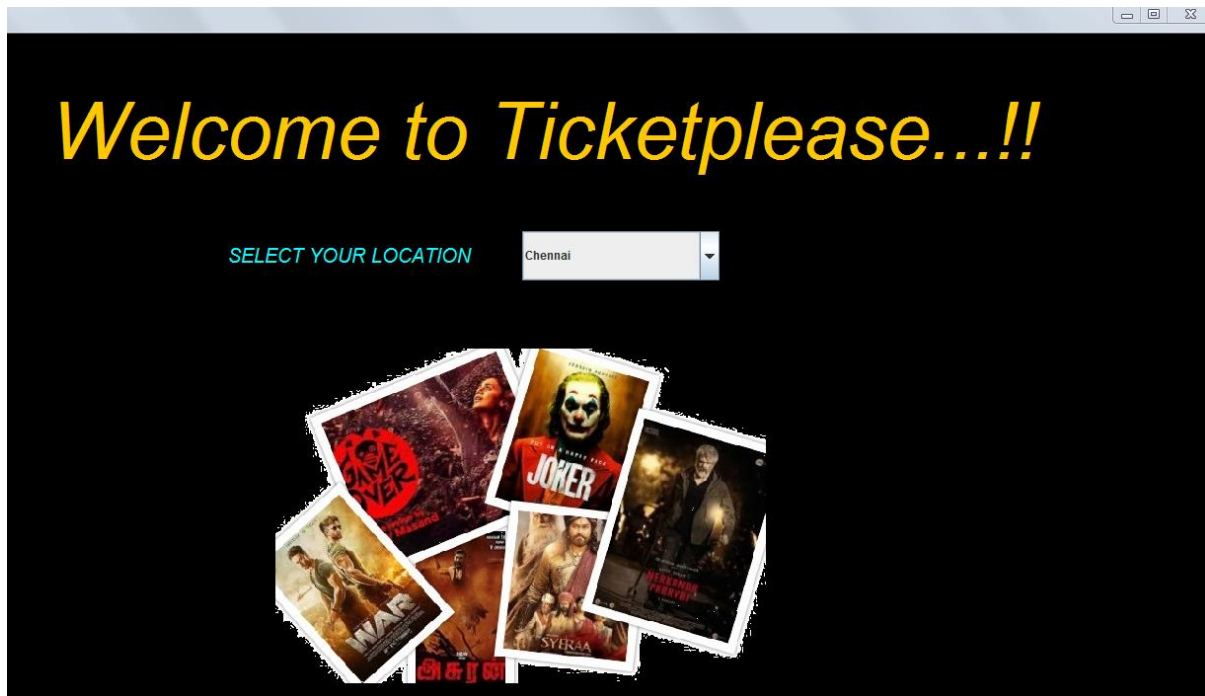
    }

});
```

```
    }  
    else  
    {  
        t3.setText("RUPEES 110 WITHDRAWED "+sp+" ACCOUNT");  
        t3.setForeground(Color.RED);  
        l5.setText("YOUR BOOKING IS CONFIRMED");  
        l5.setForeground(Color.cyan);  
        l5.setBackground(Color.YELLOW);  
    }  
    }  
});  
}  
  
public static void main(String[] args) {  
    new payment();  
}  
}
```

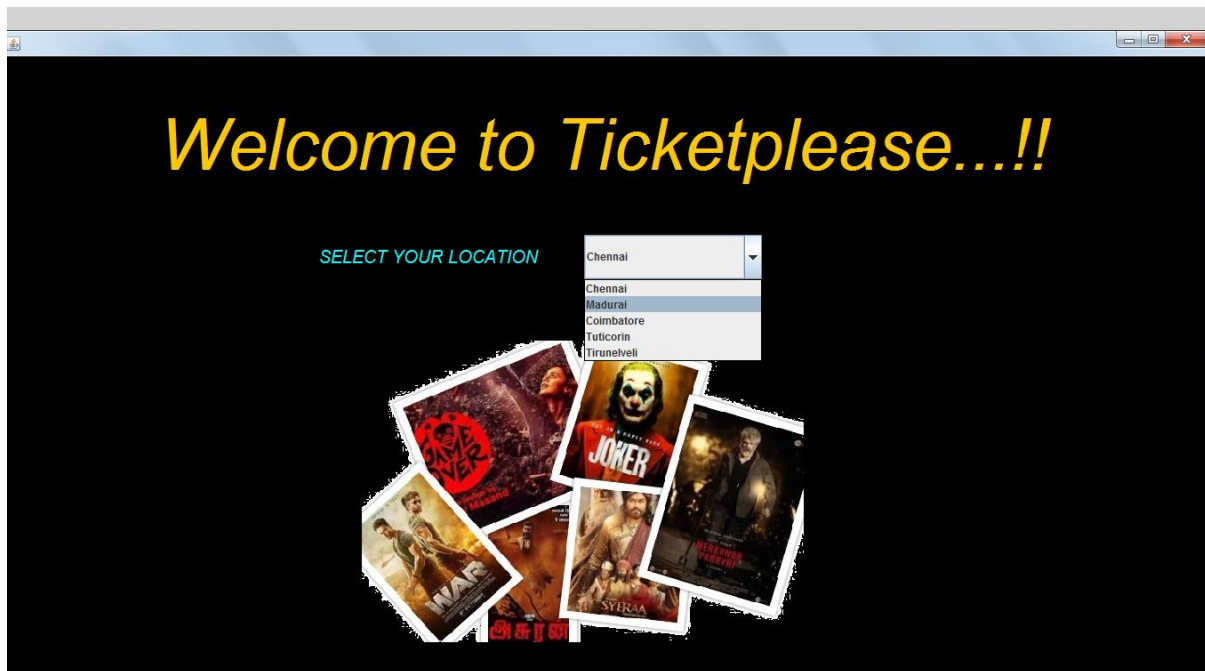
OUTPUT SCREENSHOTS

1)



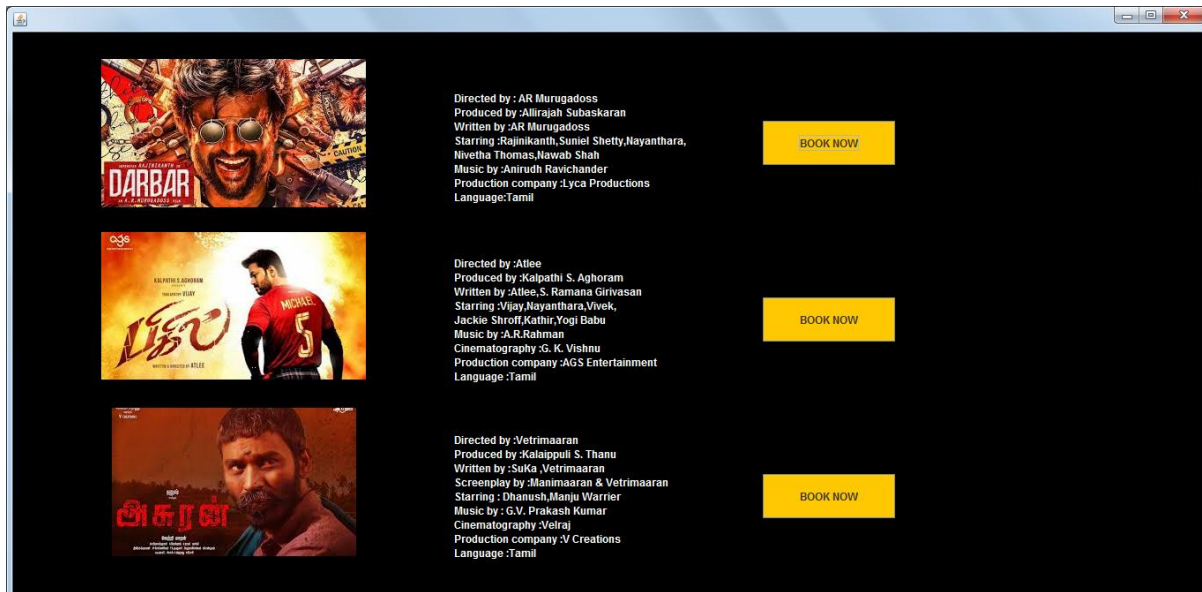
Start page of project

2)



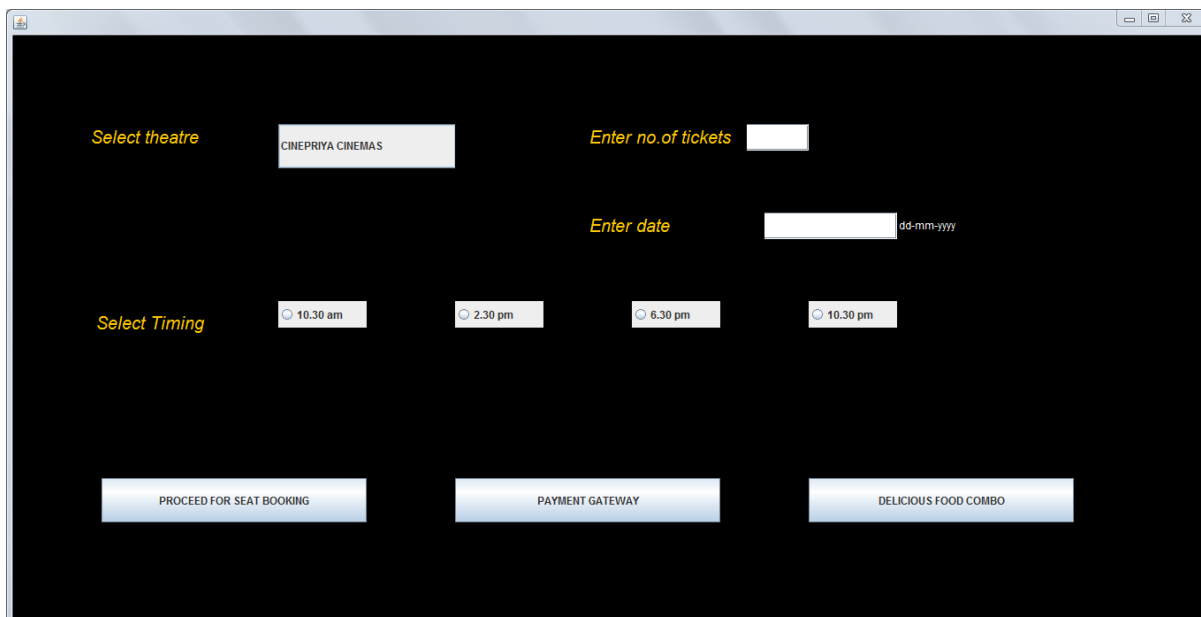
Selecting your location

3)



Movie list with information
(Click on BOOK NOW)

4)



Booking page is redirected

5)

The screenshot shows a movie booking application window with a black background. It contains several input fields and buttons. At the top left, there is a label "Select theatre" in yellow, followed by a text box containing "CINEPRIYA CINEMAS". To the right, there is a label "Enter no.of tickets" in yellow, followed by a text box. Below these, there is a label "Enter date" in yellow, followed by a text box with a date format "dd-mm-yyyy". In the center, there is a label "Select Timing" in yellow, followed by two radio buttons: "10.30 am" (selected) and "10.30 pm". A small dialog box is open in the center, titled "Select an Option", with a question mark icon and the text "Do you accept this timing 10.30 am?". It has three buttons: "Yes", "No", and "Cancel". At the bottom, there are three buttons: "PROCEED FOR SEAT BOOKING", "PAYMENT GATEWAY", and "DELICIOUS FOOD COMBO".

General booking

A Confirmation dialog box is popped up. (for assuring the show timing)

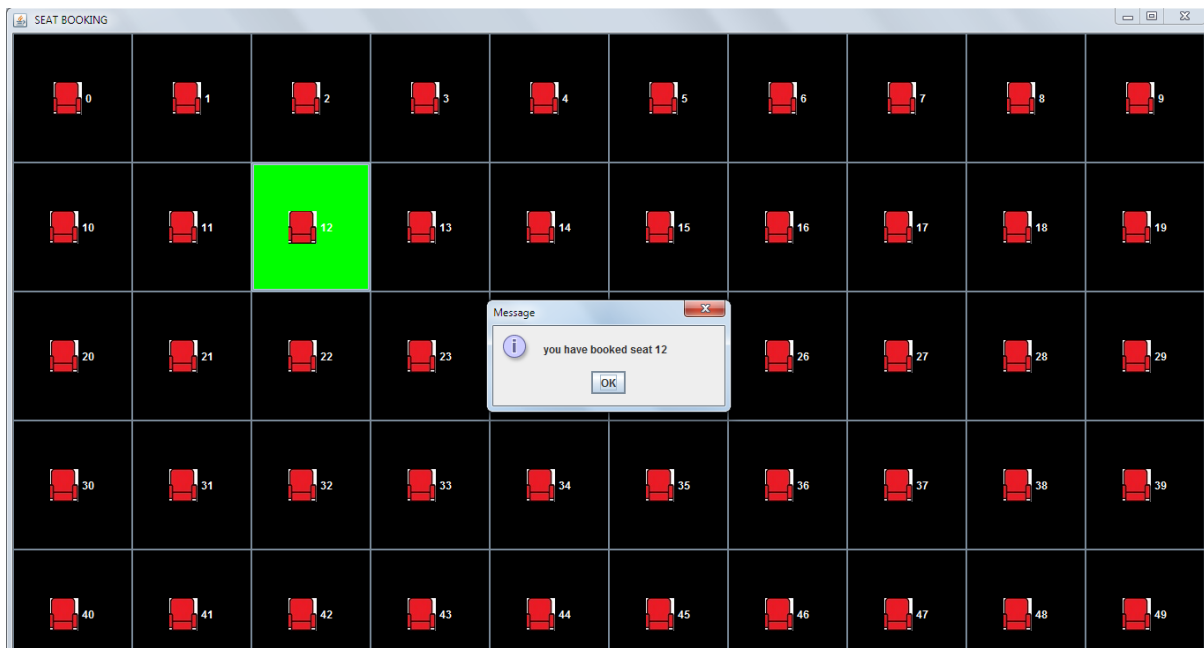
After entering all the inputs then go to PROCEED FOR SEAT BOOKING

6)

The screenshot shows a "SEAT BOOKING" application window. It displays a grid of 50 seats arranged in 5 rows and 10 columns. Each seat is represented by a red chair icon and a number. The seats are numbered from 0 to 49, starting from the top-left corner (0) and ending at the bottom-right corner (49). The seat at row 3, column 4 (seat number 24) is highlighted with a white border, indicating it is the selected seat.

Seat Booking

7)



The selected seat can be assured by displaying the message box

8)

The screenshot shows a payment confirmation window with a black background and yellow text. The fields are as follows:

Field	Value
USERNAME:	SUJAPRIYA
USERCARDNO:	77770
PASSWORD:
SELECTCLASS:	NORMAL

Below the fields, the text 'RUPEES 110 WITHDRAWED SUJAPRIYA ACCOUNT' is displayed in yellow. At the bottom, the text 'YOUR BOOKING IS CONFIRMED' is displayed in cyan.

Payment process

9)

MENU

POPCORN

4

▼

JUICES

POMEGRAN...

▼

SPICYSNACK

FRENCHFRIES

▼

ICECREAM

CHOCOLATE

▼

CONFIRMBOOKING?

CONFIRM

CANCEL

YOU SELECTED 2 POPCORN AND ITS COST 200

YOU SELECTED GRAPE AND ITS COST RUPEES 100

YOU SELECTED FRENCHFRIES AND ITS COST RUPEES 100

YOU SELECTED BUTTERSCOTCH AND ITS COST RUPEES 100

USERCARDNO

767650

PASSWORD

●●●●

BOOKING CONFIRMED

Food combo booking