

MOVIE TICKET BOOKING SYSTEM

PROJECT REPORT

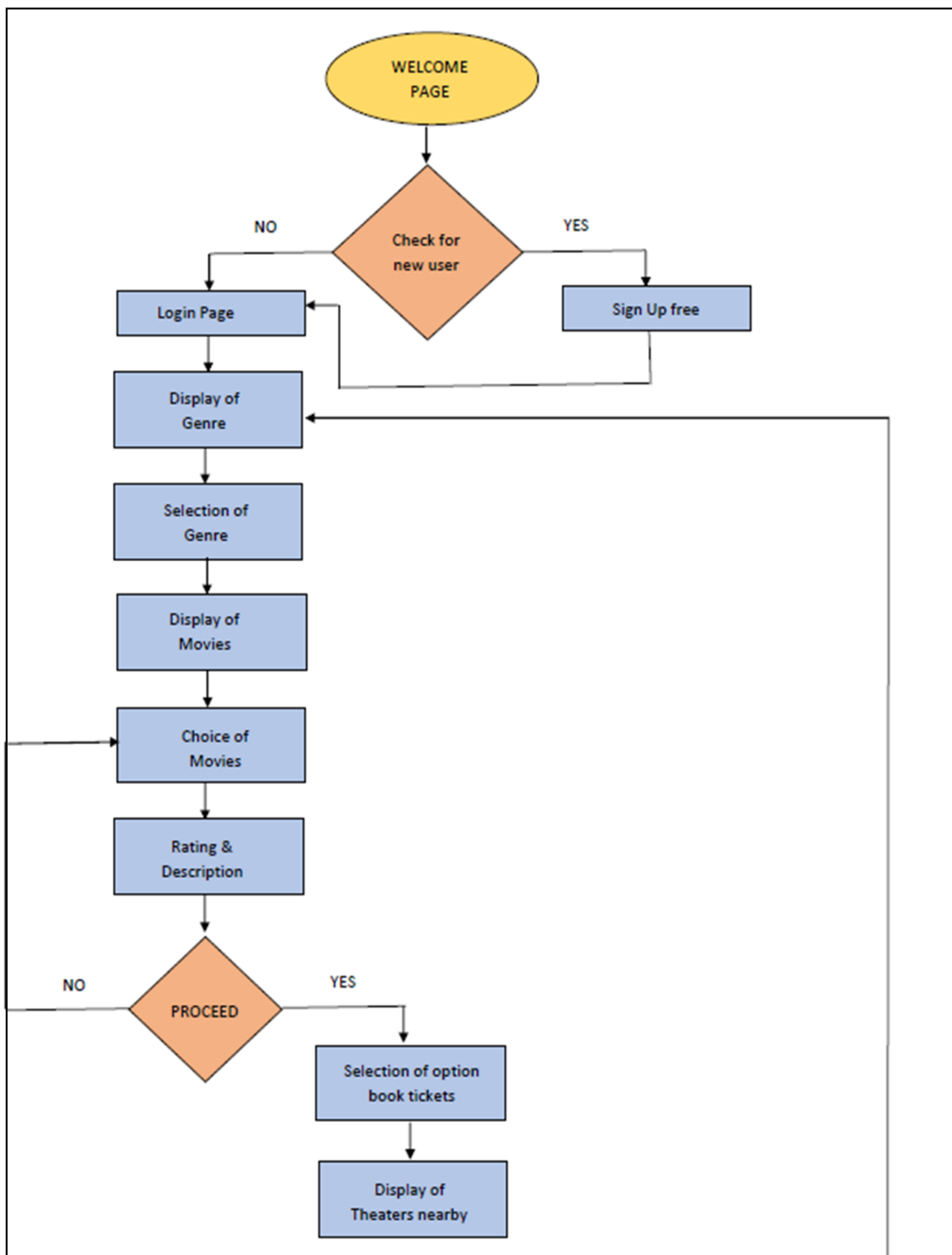
CLOUD LINK:

<https://drive.google.com/drive/folders/1BeYCJVKbxTKJkyshIH8PTfKals4UL4J2>

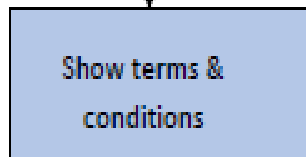
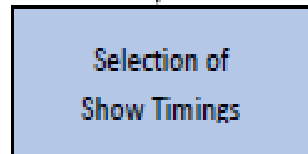
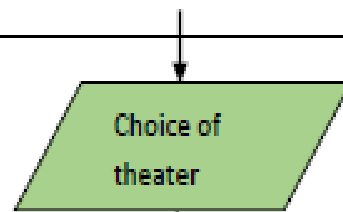
DESCRIPTION:

We chose to code a movie booking system because it is a great way to showcase our knowledge of web development. A movie booking system provides us with a platform to demonstrate our skills in understanding how to create an efficient and user-friendly interface. Customers can view available movies and showtimes, select seats, and purchase tickets. Additionally, this system could be utilized in many different scenarios, from a small local theater to a large international chain.

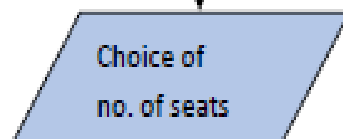
DETAILS OF DEVELOPMENT:



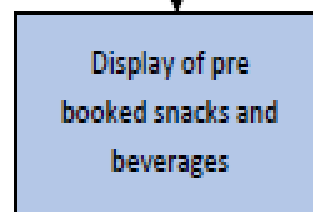
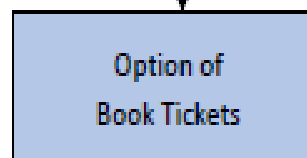
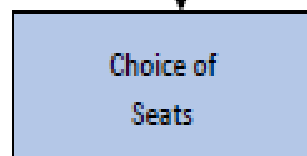
(Name of Theater
and Location)

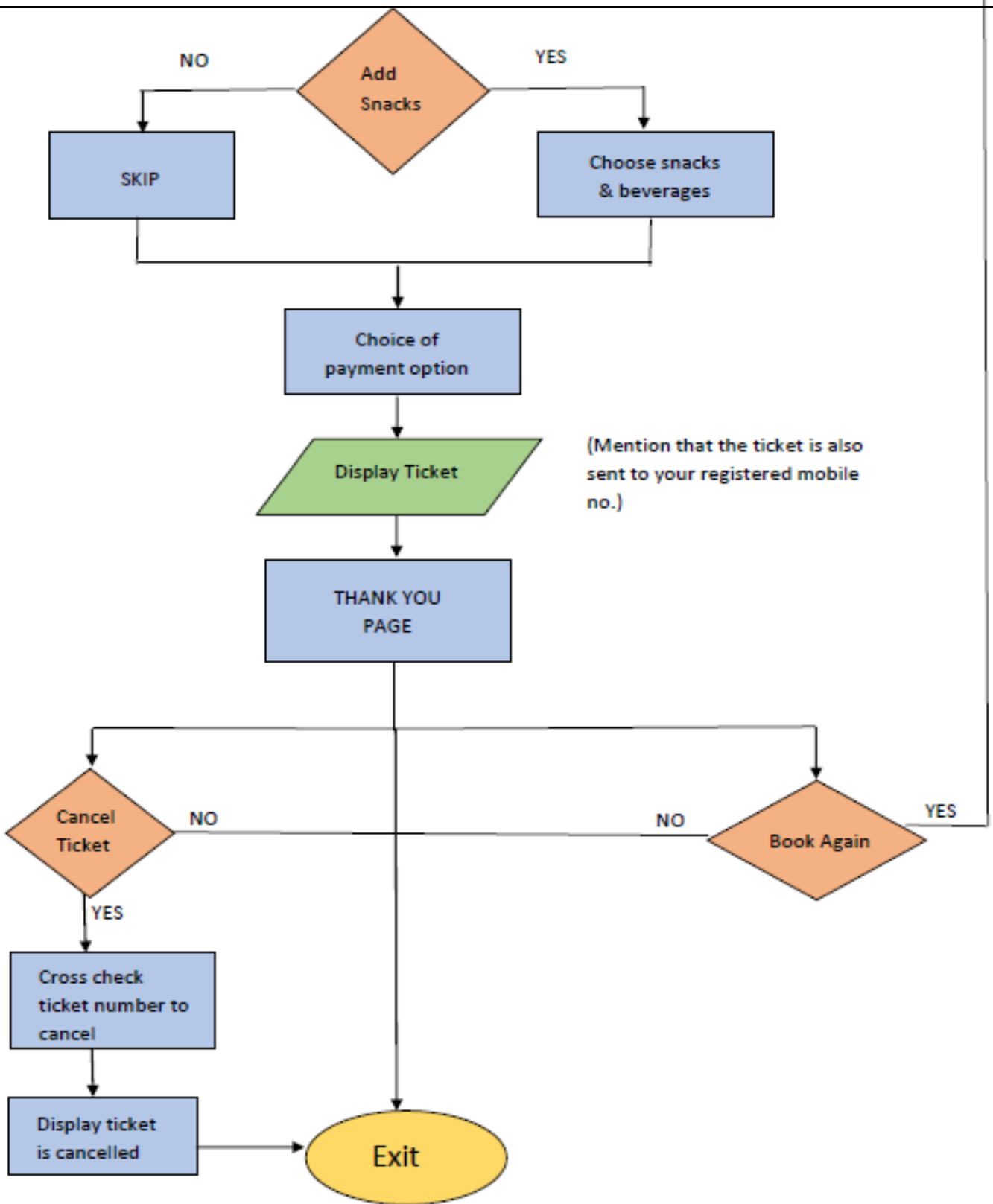


(Show price)



(Recliner, deluxe,
super deluxe)





APPLICATIONS:

1. **Online Ticket Booking:** Movie booking system can be used to book tickets online. This system can provide customers with the convenience of booking tickets from any location and at any time.
2. **Automated Payment System:** The movie booking system can integrate with the payment gateway so that customers can pay for the tickets using their credit cards or other payment methods.
3. **Customer Loyalty Program:** The movie booking system can be integrated with a customer loyalty program to reward customers for their loyalty.
4. **Data Analysis:** The movie booking system can be used to generate reports on customer behavior and preferences. This data can be used to improve the services provided by the movie booking system.

CODE:

```
#include <iostream>
#include <fstream> // reading and writing files
#include <string>

using namespace std;

bool isLoggedIn()
{
    string username, password;
    string un, pw; // comparison strings

    cout << "                                Enter a username: ";
    cin >> username;
    cout << "                                Enter a password: ";
    cin >> password;

    ifstream read(username + ".txt"); // ifstream reads a file
    getline(read, un); // reads the username
    getline(read, pw); // reads the password

    if(un == username && pw == password) // if both un & username and pw &
password are the same, true
    {
        return true;
    }
    else
```

```

        {
            return false;
        }
    }

void Barfi(){
    cout<<"
    _____"
    _____"
    cout<<"|
ABOUT:
|"<<endl;
    cout<<"|
|"<<endl;
    cout<<"|MOVIE RATINGS: 8.1/10
|"<<endl;
    cout<<"|DESCRIPTION:
|"<<endl;
    cout<<"|
    Barfi forms a special bond with Jhilmil, a girl
with autism.
|"<<endl;
    cout<<"|
    When Barfi's old flame walks back into his life,
it causes
|"<<endl;
    cout<<"|
    misunderstandings between Jhilmil and him.
|"<<endl;
    cout<<"|CAST MEMBERS:
|"<<endl;
    cout<<"|
    1.Ranbir Kapoor- Barfi.
|"<<endl;
    cout<<"|
    2.Ileana D'Cruz- Shruti Ghosh
|"<<endl;
    cout<<"|
    3.Priyanka Chopra- Jhilmil Durjoy Chatterjee
|"<<endl;

    cout<<"|
    _____|"<<endl;
}

void JabWeMet()
{
    cout<<"
    _____"
    _____"
    cout<<"|
ABOUT:
|"<<endl;
    cout<<"|
|"<<endl;
    cout<<"|MOVIE RATINGS: 7.9/10
|"<<endl;
    cout<<"|DESCRIPTION:
|"<<endl;

```

```

        cout<<"|                Aditya, a heartbroken business tycoon, aimlessly
boards a train to escape his depressing life.
|"<<endl;
        cout<<"|                He meets Geet, a bubbly Punjabi girl, and gets
pulled into her crazy life.
|"<<endl;
        cout<<"|CAST MEMBERS:
|"<<endl;
        cout<<"|                1.Shahid Kapoor- Aditya D. Kashyap.
|"<<endl;
        cout<<"|                2.Kareena Kapoor- Geet Dhillon.
|"<<endl;
        cout<<"|                3.Tarun Arora- Anshuman.
|"<<endl;

cout<<"|_____
|_____|"<<endl;
}
void KalHoNaaHo()
{
    cout<<"
|_____
|_____|"<<endl;
    cout<<"| ABOUT:
|"<<endl;
    cout<<"|
|"<<endl;
    cout<<"|MOVIE RATINGS: 7.9/10
|"<<endl;
    cout<<"|DESCRIPTION:
|"<<endl;
    cout<<"|                Naina, a girl living a dreary life, finds a new
meaning to her life when she meets Aman.
|"<<endl;
    cout<<"|                Even though she loves him, Aman claims to be a
married man and convinces Rohit, her friend, to woo her..
|"<<endl;
    cout<<"|CAST MEMBERS:
|"<<endl;
    cout<<"|                1.Sharukh Khan- Amar Mathur.
|"<<endl;
    cout<<"|                2.Saif Ali Khan- Rohit.
|"<<endl;
    cout<<"|                3.Preeti Zinta- Naina Catherine.
|"<<endl;

cout<<"|_____
|_____|"<<endl;
}
void KapoorSons()
{
    cout<<"
|_____
|_____|"<<endl;

```

```

        cout<<"| ABOUT:
|"<<endl;
        cout<<"|
|"<<endl;
        cout<<"|MOVIE RATINGS: 7.7/10
|"<<endl;
        cout<<"|DESCRIPTION:
|"<<endl;
        cout<<"|
                Brothers Arjun and Rahul return home to visit
their ailing grandfather.
|"<<endl;
        cout<<"|
                Amidst numerous ongoing family problems, emotions
get intensified when a girl causes a rift between the two.
|"<<endl;
        cout<<"|CAST MEMBERS:
|"<<endl;
        cout<<"|
                1.Fawad Khan- Rahul Kapoor
|"<<endl;
        cout<<"|
                2.Rishi Kapoor- Amarjeet Kapoor
|"<<endl;
        cout<<"|
                3.Sidharth Malhotra- Arjun kapoor
|"<<endl;
        cout<<"|
                4.Alia Bhatt- Tia Malik
|"<<endl;

cout<<"|_____
|_____|"<<endl;
}
void YehJawaaniHaiDeewani()
{
    cout<<"
|_____
|_____|"<<endl;

    cout<<"|
ABOUT:
|"<<endl;
    cout<<"|
|"<<endl;
    cout<<"|MOVIE RATINGS: 9/10
|"<<endl;
    cout<<"|DESCRIPTION:
|"<<endl;
    cout<<"|
            Kabir and Naina meet during a trekking trip where
she falls in love with him but refrains from expressing it.
|"<<endl;
    cout<<"|
            They soon drift apart but end up meeting at a
friend's wedding.
|"<<endl;
    cout<<"|CAST MEMBERS:
|"<<endl;
    cout<<"|
            1.Ranbir Kapoor- Kabir Thapar
|"<<endl;
    cout<<"|
            2.Deepika Padukone- Naina Talwar
|"<<endl;

```



```

        cout<<"|
|"<<endl;
        cout<<"|
|"<<endl;

cout<<"|_____
|_____|"<<endl;
}
void HeraPheri()
{
    cout<<"
|_____
|_____|"<<endl;

    cout<<"| ABOUT:
|"<<endl;
    cout<<"|
|"<<endl;
    cout<<"|MOVIE RATINGS: 8.1/10
|"<<endl;

cout<<"|DESCRIPTION:
|"<<endl;
    cout<<"|
    Three unemployed men in dire need of money
|"<<endl;
    cout<<"|
    become involved in a gangster's plot to kidnap a
wealthy man's gradson
|"<<endl;
    cout<<"|CAST MEMBERS:
|"<<endl;
    cout<<"|
    1.Akshay Kumar -
Raju
|"<<endl;
    cout<<"|
    2.Sunil Shetty - Shyam
|"<<endl;
    cout<<"|
    3.Paresh Rawal - Baburao Ganapatrao Apte
|"<<endl;

cout<<"|_____
|_____|"<<endl;
}
void Idiots()
{
    cout<<"
|_____
|_____|"<<endl;

    cout<<"|
ABOUT:
|"<<endl;
    cout<<"|
|"<<endl;
    cout<<"|MOVIE RATINGS: 8.4/10
|"<<endl;
    cout<<"|DESCRIPTION:
|"<<endl;

```

```

        cout<<"|                Two friends are searching for their long lost
companion.
|"<<endl;
        cout<<"|                They revisit their college days and recall the
memories of their friend
|"<<endl;
        cout<<"|                who inspired them to think differently, even as
the rest of the world called them 'idiots'.
|"<<endl;
        cout<<"|CAST MEMBERS:
|"<<endl;
        cout<<"|                1.Amir Khan - Rancho
|"<<endl;
        cout<<"|                2.Madhavan - Farhan
|"<<endl;
        cout<<"|                3.Sharman Joshi - Hari
|"<<endl;

cout<<"|_____
|_____|"<<endl;
}
void GaramMasala()
{
    cout<<"
|_____
|_____|"<<endl;

    cout<<"|
ABOUT:
|"<<endl;
    cout<<"|
|"<<endl;
    cout<<"|MOVIE RATINGS: 6.7/10
|"<<endl;
    cout<<"|DESCRIPTION:
|"<<endl;
    cout<<"|                A skirt-chasing photographer constructs an
elaborate pretense to three-time three unsuspecting flight attendants.
|"<<endl;
    cout<<"|                However, when his kindred spirit tries to get in
on it, everything becomes a mess.
|"<<endl;
    cout<<"|CAST MEMBERS:
|"<<endl;
    cout<<"|                1.Akshay Kumar - Mac
|"<<endl;
    cout<<"|                2.John Abraham - Sam
|"<<endl;
    cout<<"|                3. Daisy Bopanna- Deepti
|"<<endl;

cout<<"|_____
|_____|"<<endl;
}
void Dhamaal()

```

```

{
    cout<<"
    _____"
    cout<<"| ABOUT:
|"<<endl;
    cout<<"|
|"<<endl;
    cout<<"|MOVIE RATINGS: 7.4/10
|"<<endl;
    cout<<"|DESCRIPTION:
|"<<endl;
    cout<<"|
    Four slackers race to find a mobster's buried
treasure while being pursued by a determined police inspector.
|"<<endl;
    cout<<"|CAST MEMBERS:
|"<<endl;
    cout<<"|
    1.Aashish Chaudhary - Boman Contractor
|"<<endl;
    cout<<"|
    2.Ritesh Deshmukh - Detective Roy
|"<<endl;
    cout<<"|
    3.Javed Jaffrey - Manav
|"<<endl;

cout<<"|
    _____|
    _____|"<<endl;
}
void Golmaal()
{
    cout<<"
    _____"
    cout<<"| ABOUT:
|"<<endl;
    cout<<"|
|"<<endl;
    cout<<"|MOVIE RATINGS: 7.4/10
|"<<endl;
    cout<<"|DESCRIPTION:
|"<<endl;
    cout<<"|
    Four slackers race to find a mobster's buried
treasure while being pursued by a determined police inspector.
|"<<endl;
    cout<<"|CAST MEMBERS:
|"<<endl;
    cout<<"|
    1.Ajay Devgan - Gopal
|"<<endl;
    cout<<"|
    2.Arshad Warsi - Madhav
|"<<endl;
    cout<<"|
    3.Sharman Joshi- Laxman
|"<<endl;

cout<<"|
    _____|
    _____|"<<endl;
}

```

```

}
void Freddy()
{
    cout<<"
    _____"
    _____<<endl;
    cout<<"| ABOUT:
|"<<endl;
    cout<<"|
|"<<endl;
    cout<<"|MOVIE RATINGS: 8/10
|"<<endl;
    cout<<"|DESCRIPTION:
|"<<endl;
    cout<<"|
    The lines between love and obsession blur in this
romantic thriller packed with unpredictable twists and sharp
turns.|"<<endl;
    cout<<"|CAST MEMBERS:
|"<<endl;
    cout<<"|
    1.Kartik Aryan - Dr. Freddy Ginwala
|"<<endl;
    cout<<"|
    2.Alaya - Kainaaz Iran
|"<<endl;
    cout<<"|
    3.Sajjad Delafrooz - Rustom Irani
|"<<endl;

cout<<"|
    _____|
    _____<<endl;
}
void Goodbye()
{
    cout<<"
    _____"
    _____<<endl;
    cout<<"| ABOUT:
|"<<endl;
    cout<<"|
|"<<endl;
    cout<<"|MOVIE RATINGS: 7.3/10
|"<<endl;
    cout<<"|DESCRIPTION:
|"<<endl;
    cout<<"|
    A heartwarming story of the Bhalla family that
depicts their journey of grief
|"<<endl;
    cout<<"|
    and self-discovery after they suffer the loss of
their loved one.
|"<<endl;
    cout<<"|CAST MEMBERS:
|"<<endl;
    cout<<"|
    1. Amitabh Bachchan - Harish Bhalla
|"<<endl;
    cout<<"|
    2.Neena Gupta - Gayatri Harish Bhalla
|"<<endl;

```

```

        cout<<"|                 3.Rashmika Mandanna -Tara Bhalla
|"<<endl;

cout<<"|_____
|_____|"<<endl;
}
void Drishyam()
{
    cout<<"
|_____|"<<endl;
    cout<<"|
ABOUT:
|"<<endl;
    cout<<"|
|"<<endl;
    cout<<"|MOVIE RATINGS: 8.2/10
|"<<endl;
    cout<<"|DESCRIPTION:
|"<<endl;
    cout<<"|                 Desperate measures are taken by a man who tries
to save his family from the dark side of the law,
|"<<endl;
    cout<<"|                 after they commit an unexpected
crime.
|"<<endl;
    cout<<"|CAST MEMBERS:
|"<<endl;
    cout<<"|                 1.Ajay Devgn: Vijay Salgaonkar
|"<<endl;
    cout<<"|                 2.Tabu: I.G. Meera Deshmukh
|"<<endl;
    cout<<"|                 3.Ishita Dutta: Anju Salgaonkar
|"<<endl;

cout<<"|_____
|_____|"<<endl;
}

void VikramVedha()
{
    cout<<"
|_____|"<<endl;
    cout<<"| ABOUT:
|"<<endl;
    cout<<"|
|"<<endl;
    cout<<"|MOVIE RATINGS:7.1/10
|"<<endl;
    cout<<"|DESCRIPTION:
|"<<endl;

```

```

        cout<<"|          A tough police officer sets out to track down and
kill an equally tough gangster.
|"<<endl;
        cout<<"|CAST MEMBERS:
|"<<endl;
        cout<<"|          1.Hrithik Roshan - Vedha
|"<<endl;
        cout<<"|          2.Saif Ali Khan - Vikram
|"<<endl;
        cout<<"|          3.Radhika Apte -
Priya
|"<<endl;

cout<<"|_____
|_____|"<<endl;
}

void Liger()
{
    cout<<"
|_____
|_____|"<<endl;

    cout<<"| ABOUT:
|"<<endl;
    cout<<"|
|"<<endl;
    cout<<"|MOVIE RATINGS:3/10
|"<<endl;
    cout<<"|DESCRIPTION:
|"<<endl;
    cout<<"|          A story about martial arts, dreams and star
crossed lovers.
|"<<endl;
    cout<<"|          Liger is an MMA fighter who trains hard and rises
up the ranks with one goal in mind,
|"<<endl;
    cout<<"|          to fight like his idol, world renowned MMA fighter
Mark Anderson and get noticed by him.
|"<<endl;
    cout<<"|CAST MEMBERS:
|"<<endl;
    cout<<"|          1.Vijay Deverakonda- Sashwath 'Liger'
Agarwal
|"<<endl;
    cout<<"|          2.Ananya Panday- Tanya
|"<<endl;
    cout<<"|          3.Mike Tyson- Mark Anderson
|"<<endl;

cout<<"|_____
|_____|"<<endl;
}

void Bulbul()
{

```

```

        cout<<"
_____|"<<endl;
    cout<<"| ABOUT:
|"<<endl;

cout<<"|
|"<<endl;
    cout<<"|MOVIE RATINGS:5.1/10
|"<<endl;
    cout<<"|DESCRIPTION:
|"<<endl;
    cout<<"|
        A young mother waiting for her husband to be back
for
|"<<endl;
    cout<<"|
        years falls in love with a guy while she looks
after her paralyzed father-in-law.
|"<<endl;
    cout<<"|CAST MEMBERS:
|"<<endl;
    cout<<"|
        1.Swastima Khadka- Ranakala
|"<<endl;
    cout<<"|
        2.Mukunda Bhusal- Chopendra
|"<<endl;
    cout<<"|
        3.Laxmi Bardewa- Bhima
|"<<endl;

cout<<"|_____|"<<endl;
}
void Pari()
{
    cout<<"
_____|"<<endl;
    cout<<"|
ABOUT:
|"<<endl;
    cout<<"|
|"<<endl;
    cout<<"|MOVIE RATINGS: 6.6/10
|"<<endl;
    cout<<"|DESCRIPTION:
|"<<endl;
    cout<<"|
        Arnab tries to help Ruksahana, who is found under
mysterious circumstances in a house.
|"<<endl;
    cout<<"|
        He lets her stay at his home until he discovers
something strange about her.
|"<<endl;
    cout<<"|CAST MEMBERS:
|"<<endl;
    cout<<"|
        1.Anushka Sharma- Rukhsana
|"<<endl;

```

```

        cout<<"|
|"<<endl;
        cout<<"|
|"<<endl;

cout<<"|_____
|_____|"<<endl;
}
void Bhoot()
{
    cout<<"
|_____
|_____|"<<endl;

    cout<<"| ABOUT:
|"<<endl;
    cout<<"|
|"<<endl;
    cout<<"|MOVIE RATINGS: 5.4/10
|"<<endl;
    cout<<"|DESCRIPTION:
|"<<endl;
    cout<<"|
A bereaved shipping officer investigates the
mystery behind a ghost ship that washes ashore in Mumbai.
|"<<endl;
    cout<<"|CAST MEMBERS:
|"<<endl;
    cout<<"|
1.Vicky Kaushal-Prithvi Prakashan
|"<<endl;
    cout<<"|
2.Ashutosh Rana- Professor Raghuveer Joshi
|"<<endl;
    cout<<"|
3.Meher Vij- Vandana
|"<<endl;

cout<<"|_____
|_____|"<<endl;
}
void Stree()
{
    cout<<"
|_____
|_____|"<<endl;

    cout<<"| ABOUT:
|"<<endl;
    cout<<"|
|"<<endl;
    cout<<"|MOVIE RATINGS:7.5/10
|"<<endl;
    cout<<"|DESCRIPTION:
|"<<endl;
    cout<<"|
In the small town of Chanderi, the menfolk live in
fear of an evil spirit named 'Stree'
|"<<endl;

```



```

        cout<<"|           who abducts men in the night. Based on the urban
legend of 'Nale Ba' that went viral in Karnataka in the 1990s.
|"<<endl;
        cout<<"|CAST MEMBERS:
|"<<endl;
        cout<<"|           1. Rajkummar Rao- Vicky
|"<<endl;
        cout<<"|           2.Aparshakti Khurana- Bittu
|"<<endl;
        cout<<"|           3.Shraddha Kapoor-Unnamed Woman
|"<<endl;

cout<<"|_____
|_____|"<<endl;
}
void Tumbbad()
{
    cout<<"
|_____
|_____|"<<endl;

    cout<<"| ABOUT:
|"<<endl;
    cout<<"|
|"<<endl;
    cout<<"|MOVIE RATINGS:8.2/10
|"<<endl;
    cout<<"|DESCRIPTION:
|"<<endl;
    cout<<"|           A mythological story about a goddess who created
the entire universe.
|"<<endl;
    cout<<"|           The plot revolves around the consequences when
humans build a temple for her first-born.
|"<<endl;
    cout<<"|CAST MEMBERS:
|"<<endl;
    cout<<"|           1. Sohum Shah- Vinayak Rao
|"<<endl;
    cout<<"|           2.Jyoti Malshe-Vinayak's Mother
|"<<endl;
    cout<<"|           3.Anita Date-Kelkar-Vaidehi
|"<<endl;

cout<<"|_____
|_____|"<<endl;
}
void Talvar()
{
    cout<<"
|_____
|_____|"<<endl;

    cout<<"|
ABOUT:
|"<<endl;

```

```

        cout<<"|
|"<<endl;
        cout<<"|MOVIE RATINGS:8.1/10
|"<<endl;
        cout<<"|DESCRIPTION:
|"<<endl;
        cout<<"|          An experienced investigator confronts several
conflicting theories about the perpetrators of a violent double homicide.
|"<<endl;
        cout<<"|CAST MEMBERS:
|"<<endl;
        cout<<"|          1. Irrfan Khan - Ashwin Kumar
|"<<endl;
        cout<<"|          2.Konkona Sen Sharma - Nutan Tandon
|"<<endl;
        cout<<"|          3.Neeraj Kabi -Ramesh Tandon
|"<<endl;

cout<<"|_____
|_____|"<<endl;
}
void Kahaani()
{
    cout<<"
|_____
|_____|"<<endl;

    cout<<"|
ABOUT:
|"<<endl;
    cout<<"|
|"<<endl;
    cout<<"|MOVIE RATINGS: 8.1/10
|"<<endl;
    cout<<"|DESCRIPTION:
|"<<endl;
    cout<<"|          A pregnant woman's search for her missing husband
takes her from London to Kolkata,
|"<<endl;
    cout<<"|          but everyone she questions denies having ever met
him.
|"<<endl;
    cout<<"|CAST MEMBERS:
|"<<endl;
    cout<<"|          1.Vidya Balan- Vidya Venkatesan-Bagchi
|"<<endl;
    cout<<"|          2.Indraneil Sengupta - Arnab Bagchi, Milan Damji
|"<<endl;
    cout<<"|          3.Nawazuddin Siddiqui - Mr.
Khan
|"<<endl;

cout<<"|_____
|_____|"<<endl;
}

```

```

void Baby()
{
    cout<<"
    _____"
    _____<<endl;
    cout<<"| ABOUT:
|"<<endl;
    cout<<"|
|"<<endl;
    cout<<"|MOVIE RATINGS: 7.9/10
|"<<endl;
    cout<<"|DESCRIPTION:
|"<<endl;
    cout<<"|          An elite team of the Indian intelligence system
perpetually strives to detect and eliminate terrorists and their plots.
|"<<endl;
    cout<<"|          Officer Ajay leads a team to destroy one such
potentially lethal operation.
|"<<endl;
    cout<<"|CAST MEMBERS:
|"<<endl;
    cout<<"|          1.Akshay kumar - Ajay
|"<<endl;
    cout<<"|          2.Rana Daggupati -
Jai
|"<<endl;
    cout<<"|          3.Anupam Kher - Shuklagi
|"<<endl;

cout<<"| _____
_____| "<<endl;
}
void Special26()
{
    cout<<"
    _____"
    _____<<endl;
    cout<<"| ABOUT:
|"<<endl;

cout<<"|
|"<<endl;
    cout<<"|MOVIE RATINGS: 8/10
|"<<endl;

cout<<"|DESCRIPTION:
|"<<endl;
    cout<<"|          A gang of con-men rob prominent rich businessmen and
politicians by posing as C.B.I and income tax officers.
|"<<endl;
    cout<<"|CAST MEMBERS:
|"<<endl;
    cout<<"|          1.Akshay Kumar - Ajay
|"<<endl;

```

```

        cout<<"|                2.Anupam Kher - Sharma Ji
|"<<endl;
        cout<<"|                3.Jimmy Shergill - Ranveer Singh
|"<<endl;

cout<<"|_____
|_____|"<<endl;
}
void Shanghai()
{
    cout<<"
|_____
|_____|"<<endl;

    cout<<"| ABOUT:
|"<<endl;
    cout<<"|
|"<<endl;
    cout<<"|MOVIE RATINGS: 4.5 /10
|"<<endl;

cout<<"|DESCRIPTION:
|"<<endl;
    cout<<"|                A drunk truck driver kills a prominent social
activist on the eve of the opening of an international
|"<<endl;
    cout<<"|                business park in an Indian city, and a group of
disparate characters uncover government corruption.
|"<<endl;
    cout<<"|CAST MEMBERS:
|"<<endl;
    cout<<"|                1. Emraan Hashmi - Jogi Parmar
|"<<endl;
    cout<<"|                2.Kalki Koechlin - Shalini Sahay
|"<<endl;
    cout<<"|                3.Abay Deol - T.A.Krishnan
|"<<endl;

cout<<"|_____
|_____|"<<endl;
}

// to check whether all sits are occupied or not
int allOccupied(char arr[9][21]){
    int count=0;
    for(int i=0;i<9;i++){
        for(int j=1;j<21;j++){
            if(arr[i][j]=='X')
                count++;
        }
    }

    if(count==180)
        return 1;
}

```

```

        return 0;
    }

    //to display the sits
    void display(char arr[9][21]){
        for(int i=0;i<9;i++){
            for(int j=0;j<21;j++){
                cout<<arr[i][j]<<" ";
            }
            cout<<endl;
        }
        cout<<"\n-----"
        "<<endl;
        cout<<"!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!"<<endl;
        cout<<"-----"
        "<<endl;
        cout<<"
                Your screen is here\n\n";
        return;
    }

    //take user data
    string getData(){
        string p;
        cout<<"\nEnter valid seat no to check(like 1B) or N to end: ";
        cin>>p;
        return p;
    }

    //update sit status
    void update(char arr[9][21],int row,int col){
        cout<<"\nCongrats, your seat is valid. Reserved for you\n";
        cout<<"\nUpdated seat status.....\n";
        arr[row][col]='X';
    }

    //checking whether user request for
    //his sit no can be processed or not
    int check(char arr[9][21],string s){
        //if user input is not in the range 1A to 7D
        if(s[0]> '9' || s[0]< '1' || s[1]>'T' || s[1]<'A'){
            cout<<"\nInvalid seat no\n"; //invalid sit no
            return 0;
        }

        int row=-1,col=-1;
        //find the row no of the user sit
        for(int i=0;i<9;i++){
            if(arr[i][0]==s[0])
                row=i;
        }
        //find the column no of user sit
        for(int j=0;j<21;j++){
            if(arr[row][j]==s[1])

```

```

col=j;
}

//check whether sit is already occupied or not.
if(col==-1){
cout<<"\nSeat is already occupied\n";
return 0;
}
else{
//if it's a valid sit & not occupied,
//process the requested & update the sit as occupied
update(arr,row,col);
}
return 1;
}

void seat(char arr[9][21]){
    // user can stop process by pressing 'N'
    cout<<"\nEnter N if you are done!\n";
    string s;
    // continue if not interrepted by user or
    //there is valid sit in unoccupied state
    while(true){
        s=getData(); //get user input
        //if user input is to stop the process
        if(s[0]=='N')
            break; // break

        //process the request & check according to
        if(check(arr,s))
            display(arr);

        if(allOccupied(arr)){ //if all sits are occupied
            cout<<"\nSorry, no more seats
left!!!!!!!!!!!!1..."<<endl;
            break; //break
        }
    }
    cout<<"\nThanks,Your seats have been booked!"<<endl; //end of
program
}

int main()
{
    int choice;
    cout<<endl;
    cout<<"
|
| " <<endl;
    cout<<"
|
| " <<endl;
    cout<<endl;
}

```

```

        cout<<"
TICKET BOOKING SYSTEM                                |"<<endl;
        cout<<"
|"<<endl;
        cout<<"
|"<<endl;
        cout<<"
|"<<endl;
BY:-
        cout<<"
PRAPTI GUPTA (A-180) |"<<endl;
        cout<<"
TANISHA SHAHA (A-175) |"<<endl;
        cout<<"
|"<<endl;
        cout<<"
|_____|"<<endl;

        cout << endl;

        cout << endl;

cout<<"*****
*****";
        cout << "
Main Menu: " << endl;
        cout
<<"*****
*****"<< endl;
        cout << "                                1. Register" << endl;
        cout << "                                2. Login" << endl;
        cout << endl;
        cout << "                                Your choice: ";
        cin >> choice;

        if(choice == 1)
        {
                string username, password;

        cout << "                                Registration: " <<
endl;
        cout << endl;
        cout << "                                Select a username: ";
        cin >> username;
        cout << "                                Select a password: ";
        cin >> password;

        ofstream file; // ofstream creates a file
        file.open(username + ".txt");
        file << username << endl << password;
        file.close();
        cout << "                                Welcome " << username
<< "!" << endl;
                bool status = isLoggedIn();

```

```

        if(!status) // if isLoggedIn() returns false
        {
            system("clear");
            cout << endl;
            cout << "                                Invalid login!" <<
endl;
            main();
            return 0;
        }
        else // if isLoggedIn() returns true, the dashboard is displayed
        {
            cout << "                                Successfully
logged in!" << endl;
            cout << endl;

            int choiceTwo;

            // Display dashboard:
            cout << "                                Welcome back!"
<< endl;
            cout << endl;
            genre:

            cout<<"*****
*****";

            cout << "
SELECT YOUR DESIRED MOVIE: " << endl;
            cout
<<"*****
*****"<< endl;
            cout << "Select a genre from the list below:" << endl;
            cout << "1. Romance" << endl;
            cout << "2. Comedy" << endl;
            cout << "3. Drama" << endl;
            cout << "4. Horror" << endl;
            cout<< "5. Thriller" << endl;

            int choice;
            char movie;
            cout<<"Enter you Choice: ";
            cin >> choice;
            string genre;
            switch(choice)
            {
                case 1:
                    cout << "You selected Romance"<<endl<<endl;
                    cout << "Choose a movie from the following list: \n";
                    cout << "a. Barfi\n";
                    cout << "b. Jab We Met\n";
                    cout << "c. Kal Ho Naa Ho\n";
                    cout << "d. Kapoor & Sons\n";
                    cout << "e. Yeh Jawaani Hai Deewani\n";
                    cout<<"Enter the movie you want to select: ";
                    cin >> movie;

```



```

cout<<endl;

    switch (movie)
    {
    case 'a':
        cout << "You have selected Barfi"<<endl;
        Barfi();
        break;
    case 'b':
        cout << "You have selected Jab We Met"<<endl;
        JabWeMet();
        break;
    case 'c':
        cout << "You have selected Kal Ho Naa Ho"<<endl;
        KalHoNaaHo();
        break;
    case 'd':
        cout << "You have selected Kapoor & Sons"<<endl;
        KapoorSons();
        break;
    case 'e':
        cout << "You have selected Yeh Jawaani Hai Deewani"<<endl;
        YehJawaaniHaiDeewani();
        break;
    default:
        cout << "Invalid selection."<<endl;
        break;
    }
    break;
    case 2:
        cout << "You selected Comedy"<<endl<<endl;
        cout << "Choose a movie from the following list: \n";
        cout << "a. Hera Pheri\n";
        cout << "b. 3 Idiots\n";
        cout << "c. Garam Masala\n";
        cout << "d. Dhamaal\n";
        cout << "e. Golmaal\n";
        cout<<"Enter the movie you want to select: ";
        cin >> movie;
        cout<<endl;

        switch (movie)
        {
        case 'a':
            cout << "You have selected Hera Pheri"<<endl;
            HeraPheri();
            break;
        case 'b':
            cout << "You have selected 3 Idiots"<<endl;
            Idiots();
            break;
        case 'c':
            cout << "You have selected Garam Masala"<<endl;

```

```

        GaramMasala();
        break;
        case 'd':
            cout << "You have selected Dhamaal"<<endl;
            Dhamaal();
            break;
        case 'e':
            cout << "You have selected Golmaal"<<endl;
            Golmaal();
            break;
        default:
            cout << "Invalid selection."<<endl;
            break;
    }
    break;
    case 3:
        cout << "You selected Drama"<<endl<<endl;
        cout << "Choose a movie from the following list: \n";
        cout << "a. Freddy\n";
        cout << "b. Goodbye\n";
        cout << "c. Drishyam\n";
        cout << "d. Vikram Vedha\n";
        cout << "e. Liger\n";
        cout<<"Enter the movie you want to select: ";
        cin >> movie;
        cout<<endl;

    switch (movie)
    {
        case 'a':
            cout << "You have selected Freddy"<<endl;
            Freddy();
            break;
        case 'b':
            cout << "You have selected Goodbye"<<endl;
            Goodbye();
            break;
        case 'c':
            cout << "You have selected Drishyam"<<endl;
            Drishyam();
            break;
        case 'd':
            cout << "You have selected Vikram Vedha"<<endl;
            VikramVedha();
            break;
        case 'e':
            cout << "You have selected Liger"<<endl;
            Liger();
            break;
        default:
            cout << "Invalid selection."<<endl;
            break;
    }
    break;

```

```

case 4:
    cout << "You selected Horror"<<endl<<endl;
    cout << "Choose a movie from the following list: \n";
    cout << "a. Bulbul\n";
    cout << "b. Pari\n";
    cout << "c. Bhoot\n";
    cout << "d. Stree\n";
    cout << "e. Tumbbad\n";
    cout<<"Enter the movie you want to select: ";
    cin >> movie;
    cout<<endl;

switch (movie)
{
case 'a':
    cout << "You have selected Bulbul"<<endl;
    Bulbul();
    break;
case 'b':
    cout << "You have selected Pari"<<endl;
    Pari();
    break;
case 'c':
    cout << "You have selected Bhoot"<<endl;
    Bhoot();
    break;
case 'd':
    cout << "You have selected Stree"<<endl;
    Stree();
    break;
case 'e':
    cout << "You have selected Tumbbad"<<endl;
    Tumbbad();
    break;
default:
    cout << "Invalid selection."<<endl;
}
break;
case 5:
    cout << "You selected Thriller"<<endl<<endl;
    cout << "Choose a movie from the following list: \n";
    cout << "a. Talvar\n";
    cout << "b. Kahaani\n";
    cout << "c. Baby\n";
    cout << "d. Special 26\n";
    cout << "e. Shanghai\n";
    cout<<"Enter the movie you want to select: ";
    cin >> movie;
    cout<<endl;

switch (movie)
{
case 'a':
    cout << "You have selected Talvar"<<endl;

```

```

        Talvar();
        break;
    case 'b':
        cout << "You have selected Kahaani"<<endl;
        Kahaani();
        break;
    case 'c':
        cout << "You have selected Baby"<<endl;
        Baby();
        break;
    case 'd':
        cout << "You have selected Special 26"<<endl;
        Special26();
        break;
    case 'e':
        cout << "You have selected Shanghai"<<endl;
        Shanghai();
        break;
    default:
        cout << "Invalid selection."<<endl;
    }
    break;
default:
    cout<<"Invalid selection"<<endl;
}

char TH;
cout<<endl<<endl;

cout<<"*****
*****";

    cout << "
AVAILABLE MOVIE THEATRES NEARBY:  " << endl;

cout<<"*****
*****";

    cout<<endl;
    int theatre;
    TH:
    cout<<"\nSelect a Theatre: "<<endl;
    cout<<"1.INOX Cinemas, Glomax Kharghar."<<endl;
    cout<<"2.Carnival Cinemas, Little World Kharghar."<<endl;
    cout<<"3.Cinepolis Cinemas, Nexus Seawoods."<<endl;
    cout<<"4.PVR Cinemas, Orion Panvel."<<endl;
    cout<<"5.INOX Cinemas, Raghuleela Vashi."<<endl<<endl;
    cout<<"Enter Your Choice: ";
    cin>>theatre;

    switch (theatre)
    {
        case 1:
            cout << "You have selected INOX Cinemas, Glomax Kharghar.";
            break;
        case 2:

```

```
cout << "You have selected Carnival Cinemas, Little World  
Kharghar.";  
    break;  
case 3:  
    cout << "You have selected Cinepolis Cinemas, Nexus  
Seawoods.";  
    break;  
case 4:  
    cout << "You have selected PVR Cinemas, Orion Panvel.";  
    break;  
case 5:  
    cout << "You have selected INOX Cinemas, Raghuleela Vashi.";  
    break;  
  
default:  
    cout << "Invalid selection."  
    goto TH;  
  
}  
  
cout<<endl<<endl;  
  
cout<<"*****"  
*****";  
        cout << "  
SHOW TIMINGS:  " << endl;  
  
cout<<"*****"  
*****";  
        cout<<endl;  
        char timing;  
        TE:  
        cout<<"\nSelect a Time: "<<endl<<endl;  
        cout<<"  
_____  
_____ "<<<endl;  
        cout<<"          |a. 8:30 AM |      |b. 9:15 AM |      |c. 12:15 PM|      |d. 1:10  
PM |   |e. 4:05 PM |      |f. 5:05 PM |      |g. 8:00 pm |      |h. 9:00 PM |" <<endl;  
        cout<<"          | _____ |      | _____ |      | _____ |  
| _____ |     | _____ |     | _____ |     | _____ |  
| _____ |     | _____ |     | _____ |     | _____ | "<<<endl;  
  
cout<<"\nEnter Your Choice: ";  
cin>>timing;  
cout<<endl;  
  
switch (timing)  
{  
    case 'a':  
    case 'A':  
        cout << "You have selected 8:30 am"<<endl;  
        break;  
    case 'b':  
    case 'B':
```

```

        cout << "You have selected 9:15 am"<<endl;
        break;
    case 'c':
    case 'C':
        cout << "You have selected 12:15 pm"<<endl;
        break;
    case 'd':
    case 'D':
        cout << "You have selected 1:10 pm"<<endl;
        break;
    case 'e':
    case 'E':
        cout << "You have selected 4:05 pm"<<endl;
        break;
    case 'f':
    case 'F':
        cout << "You have selected 5:05 pm"<<endl;
        break;
    case 'g':
    case 'G':
        cout << "You have selected 8:00 pm"<<endl;
        break;
    case 'h':
    case 'H':
        cout << "You have selected 9:00 pm"<<endl;
        break;

    default:
        cout << "Invalid selection."<<endl;
        goto TE;
}

    char answer;
    cout<<endl<<endl;

    cout<<"*****
*****";

    cout << "
TERMS AND CONDITIONS:  " << endl;

    cout<<"*****
*****";

    cout << endl;
    cout << "1. Please read the following Terms and Conditions
carefully before proceeding:" << endl;
    cout << endl;
    cout << "2. Guests aged under 18 will not be allowed in 'A' rated
movies" << endl;
    cout << endl;
    cout << "3. Children above the age of 3 years require tickets for
'U' or 'U/A' rated movies" << endl;
    cout << endl;
    cout << "4. Guests aged under 18 will not be allowed in 'A' rated
movies" << endl;

```

```

        cout << endl;
        cout << "5. In case a ticket is lost or misplaced, a duplicate
ticket cannot be issued" << endl;
        cout << endl;
        cout << "6. Outside food and beverages are not allowed inside the
cinema premises" << endl;
        cout << endl;
        cout << endl;
        yes:
        cout << "Do you agree to these terms and conditions? (Y/N): ";

cin >> answer;
cout<<endl;

        if (answer == 'Y' || answer == 'y')
        {
                cout << "You have agreed to the Terms and Conditions." <<
endl;

        }
        else if (answer == 'N' || answer == 'n')
        {
                cout << "You have declined to the Terms and Conditions." <<
endl;

                cout<<"To continue please Agree."<<endl;
                goto yes;
        }
        else
        {
                cout << "Invalid input. Please enter 'yes' or 'no'." <<
endl;

        }

        int no,Total,PS,DS;
        string p;
        cout<<endl<<endl;
        cout<<"*****
*****
**"<<endl;
        cout<<"
SELECT YOUR DESIRED SEATS: "<<endl;
        cout<<"*****
*****
**"<<endl<<endl;
        cout<<"We offer ONLY Premium Seats. "<<endl;
        cout<<"Premium Seats are Recline seats having more leg space and
complimentary blankets to enhance your experience."<<endl;
        cout<<"\n Cost-Rs.300"<<endl<<endl;
        cout<<"Enter the number of seats you want to book: ";
        cin>>no;
        cout<<"\n\n";

        //2-D array for storing sit number
        char arr[9][21];

```

```

for(int i=0;i<9;i++){
    //forst column is row number
    arr[i][0]=i+1+'0';
    for(int j=1;j<21;j++){
        //to represent sit number A,B,C,D respectively
        arr[i][j]='A'+j-1;
    }
}

cout<<"Initial seat arrangements.....\n\n";
display(arr);

seat(arr); //airline function
Total=no*300;
cout<<"Your Total of seats costs Rs."<<Total;

int snacks, beverages;
int amount;
int snacks_price, beverages_price;
int numPizza, numSandwich, numPopcorn, numSoda, numCoke, numWater;
double totalPrice;
int price=0;
cout<<endl;
cout<<"*****
*****
*";

    cout << "
WELCOME
TO THE SNACKS AND BEVERAGE SECTION " << endl;

cout<<"*****
*****";

    cout<<endl;
    cout << "Would you like to add snacks and beverages to your order?
(Y/N): ";
    cin >> answer;
while(answer == 'Y' || answer == 'y')
{
    cout << "\nSNACKS" << endl;
    cout << "1. Pizza (Rs.350)" << endl;
    cout << "2. Sandwich - (Rs.250)" << endl;
    cout << "3. Popcorn - (Rs.300)" << endl;
    cout<<endl;
    cout << "BEVERAGES" << endl;
    cout << "4. Soda (Rs.85)" << endl;
    cout << "5. Coke - (Rs.110)" << endl;
    cout << "6. Water - (Rs.65)" << endl;
    cout<<endl;
    cout <<"What kind of snack and beverage would you like to add?: ";
    cin >> answer;
    {
        if (answer == '1')
        {

```



```

        cout << "You have selected Pizza!" << endl;
    cout << "How many Pizza would you like? ";
    cin >> numPizza;
        price = numPizza*350;
        cout<<"It costs "<<price;
    }
    else if (answer == '2')
    {
        cout << "You have selected Sandwich!" << endl;
        cout << "How many Sandwich would you like? ";
    cin >> numSandwich;
        price = price + numSandwich*250;
        cout<<"It costs "<<price;
    }
    else if (answer == '3')
    {
        cout << "You have selected Popcorn!" << endl;
        cout << "How many Popcorn would you like? ";
    cin >> numPopcorn;
        price = price + numPopcorn*300;
        cout<<"It costs "<<price;
    }
    else if (answer == '4')
    {
        cout << "You have selected Soda!" << endl;
        cout << "How many Soda would you like? ";
    cin >> numSoda;

        price = price + numSoda*85;
        cout<<"It costs "<<price;
    }
    else if (answer == '5')
    {
        cout << "You have selected Coke!" << endl;
        cout << "How many Coke would you like? ";
    cin >> numCoke;
        price = price + numCoke*110;
        cout<<"It costs "<<price;
    }
    else if (answer == '6')
    {
        cout << "You have selected Water!" << endl;
        cout << "How many Water would you like? ";
    cin >> numWater;
        price = price + numWater*65;
        cout<<"It costs "<<price;
    }
    cout << endl;
    cout << endl;
    cout << "Would you like to add more snacks and beverages to your
order? (Y/N): ";
    cin >> answer;
    if (answer == 'N' || answer == 'n')
    {

```

```

        cout << endl;
        cout << "The above order is placed."<<endl;
        cout<<"You can collect the snacks and beverages from the food
counter by showing the ticket "<<endl;
    }

}

if (answer == 'N' || answer == 'n')
{
    cout << "Thank you!" << endl;
}

        cout<<"*****
*****
*";
        cout << "
PAYMENT WINDOW: " << endl;

cout<<"*****
*****";
        cout<<endl;
        Total = Total + price;
        cout << "Total cost including seats and beverages is: " << Total;
        //declaring variables
        char paymentOption;

        //displaying options
        cout << "\nEnter your payment option for buying a movie ticket:" <<
endl;
        cout << endl;
        cout << "A. Cash" << endl;
        cout << "B. Credit Card" << endl;
        cout << "C. Mobile Payment" << endl;
        cout << "D. Other Payment Option" << endl;
        cout << endl;
        //user input
        cout << "Enter your choice of Payment: ";
        cin >> paymentOption;

        switch (paymentOption)
        {
            case 'A':
            case 'a':
                cout << "You chose Cash to pay for your movie
ticket."<<endl<<"Please proceed the payment" << endl;
                break;
            case 'B':
            case 'b':
                cout << "You chose Credit Card to pay for your movie
ticket."<<endl<<"Please proceed the payment" << endl;
                break;

```

```

        case 'C':
        case 'c':
            cout << "You chose Mobile Payment to pay for your movie
ticket."<<endl<<"Please proceed the payment" << endl;
            break;
        case 'D':
        case 'd':
            cout << "You chose Other Payment Option to pay for your movie
ticket."<<endl<<"Please proceed the payment" << endl;
            break;
        default:
            cout << "Invalid option. Please choose one of the available
options." << endl;
    }
    pay:
    cout<<"\nThe amount to be paid is "<<Total;
    cout << "\nEnter amount to pay: ";
    cin >> amount;
    if(amount==Total)
    {
        cout<<"PAID"<<endl;
    }
    else
    {
        cout<<"\nPlease enter correct value to place your order.";
        goto pay;
    }
    cout<<"\n\nYOU HAVE SUCCESSFULLY BOOKED YOUR MOVIE TICKETS."<<endl;
    cout<<"THE TICKET HAS BEEN SENT TO YOUR REGISTERED MOBILE NUMBER
!"<<endl<<endl;

    cout<<"*****
*****
*";
    cout << "
THANKYOU " << endl;

    cout<<"*****
*****";
    cout<<endl;
    cout << endl;
    cout << "
endl;
    cout << "
menu" << endl;
    cout << "
    cin >> choiceTwo;

    if(choiceTwo == 1)
    {
        cout<<endl<<"
        been logged Out."<<endl;
        cout<<"
        using our platform to Book your tickets."<<endl;
    }
    1. Sign Out" <<
    2. Back to main
    Your choice: ";
    You have
    Thanks for

```

```

        cout<<"
wonderful experience!";
        system("exit"); // exits program
    }
    else if(choiceTwo == 2)
    {
        goto genre; // returns to the beginning of the main()
function
    }

    }

    else if(choice == 2) // if user chooses to login
    {
        bool status = isLoggedIn();

        if(!status) // if isLoggedIn() returns false
        {
            system("clear");
            cout << endl;
            cout << "
endl;
                Invalid login!" <<

                main();
                return 0;
        }
        else // if isLoggedIn() returns true, the dashboard is displayed
        {
            cout << "
logged in!" << endl;
            cout << endl;

            int choiceTwo;

            // Display dashboard:
            cout << "
<< endl;
                Welcome back!"

            cout << endl;

        }
    }

    return 1;
}

```

OUTPUT:

```
MOVIE TICKET BOOKING SYSTEM

BY:-
PRAPTI GUPTA (A-180)
TANISHA SHAHA (A-175)

=====
Main Menu:
=====
1. Register
2. Login

Your choice: 1
Registration:

Select a username: PRAPTI
Select a password: 1234
Welcome PRAPTI!
Enter a username: PRAPTI
Enter a password: 1234
Successfully logged in!

Welcome back!
```

```
*****
***** SELECT YOUR DESIRED MOVIE: *****
*****
Select a genre from the list below:
1. Romance
2. Comedy
3. Drama
4. Horror
5. Thriller
Enter you Choice: 1
You selected Romance

Choose a movie from the following list:
a. Barfi
b. Jab We Met
c. Kal Ho Naa Ho
d. Kapoor & Sons
e. Yeh Jawaani Hai Deewani
Enter the movie you want to select: a

You have selected Barfi

| ABOUT:
|
| MOVIE RATINGS: 8.1/10
| DESCRIPTION:
|   Barfi forms a special bond with Jhilmil, a girl with autism.
|   When Barfi's old flame walks back into his life, it causes
|   misunderstandings between Jhilmil and him.
| CAST MEMBERS:
|   1.Ranbir Kapoor- Barfi.
|   2.Ileana D'Cruz- Shruti Ghosh
|   3.Priyanka Chopra- Jhilmil Durjoy Chatterjee
|
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```
|   1.Ranbir Kapoor- Barfi.
|   2.Ileana D'Cruz- Shruti Ghosh
|   3.Priyanka Chopra- Jhilmil Durjoy Chatterjee
|
```

```
*****
***** AVAILABLE MOVIE THEATRES NEARBY: *****
*****
Select a Theatre:
1.INOX Cinemas, Glomax Kharghar.
2.Carnival Cinemas, Little World Kharghar.
3.Cinepolis Cinemas, Nexus Seawoods.
4.PVR Cinemas, Orion Panvel.
5.INOX Cinemas, Raghuleela Vashi.
Enter Your Choice: 1
You have selected INOX Cinemas, Glomax Kharghar.

*****
***** SHOW TIMINGS: *****
*****
Select a Time:

| a. 8:30 AM | b. 9:15 AM | c. 12:15 PM | d. 1:10 PM | e. 4:05 PM | f. 5:05 PM | g. 8:00 pm | h. 9:00 PM |
| _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ |

Enter Your Choice: A
You have selected 8:30 am
```

```

*****
***** TERMS AND CONDITIONS: *****
*****
1. Please read the following Terms and Conditions carefully before proceeding:
2. Guests aged under 18 will not be allowed in 'A' rated movies
3. Children above the age of 3 years require tickets for 'U' or 'U/A' rated movies
4. Guests aged under 18 will not be allowed in 'A' rated movies
5. In case a ticket is lost or misplaced, a duplicate ticket cannot be issued
6. Outside food and beverages are not allowed inside the cinema premises

Do you agree to these terms and conditions? (Y/N): N

You have declined to the Terms and Conditions.
To continue please Agree.
Do you agree to these terms and conditions? (Y/N): Y

You have agreed to the Terms and Conditions.

*****
***** SELECT YOUR DESIRED SEATS: *****
*****

We offer ONLY Premium Seats.
Premium Seats are Recllinear seats having more leg space and complimentary blankets to enhance your expeience.

Cost-Rs.300

```

```

*****
***** SELECT YOUR DESIRED SEATS: *****
*****

We offer ONLY Premium Seats.
Premium Seats are Recllinear seats having more leg space and complimentary blankets to enhance your expeience.

Cost-Rs.300

Enter the number of seats you want to book: 2

Initial seat arrangements.....
1 A B C D E F G H I J K L M N O P Q R S T
2 A B C D E F G H I J K L M N O P Q R S T
3 A B C D E F G H I J K L M N O P Q R S T
4 A B C D E F G H I J K L M N O P Q R S T
5 A B C D E F G H I J K L M N O P Q R S T
6 A B C D E F G H I J K L M N O P Q R S T
7 A B C D E F G H I J K L M N O P Q R S T
8 A B C D E F G H I J K L M N O P Q R S T
9 A B C D E F G H I J K L M N O P Q R S T

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!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
-----

Your screen is here

Enter N if you are done!

Enter valid seat no to check(like 1B) or N to end: 1A

```

1	X	X	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
2	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
3	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
4	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
5	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T

4. Soda (Rs.85)


```

*****
WELCOME TO THE SNACKS AND BEVERAGE SECTION
*****
Would you like to add snacks and beverages to your order? (Y/N): Y

SNACKS
1. Pizza (Rs.350)
2. Sandwich - (Rs.250)
3. Popcorn - (Rs.300)

BEVERAGES
4. Soda (Rs.85)
5. Coke - (Rs.110)
6. Water - (Rs.65)

What kind of snack and beverage would you like to add?: 1
You have selected Pizza!
How many Pizza would you like? 2
It costs 700

Would you like to add more snacks and beverages to your order? (Y/N): Y

SNACKS
1. Pizza (Rs.350)
2. Sandwich - (Rs.250)
3. Popcorn - (Rs.300)

BEVERAGES
4. Soda (Rs.85)
5. Coke - (Rs.110)
6. Water - (Rs.65)

What kind of snack and beverage would you like to add?: 5
You have selected Coke!

What kind of snack and beverage would you like to add?: 5
You have selected Coke!
How many Coke would you like? 1
It costs 810

Would you like to add more snacks and beverages to your order? (Y/N): N

The above order is placed.
You can collect the snacks and beverages from the food counter by showing the ticket
Thank you!
*****
PAYMENT WINDOW:
*****
Total cost including seats and beverages is: 1410
Enter your payment option for buying a movie ticket:

A. Cash
B. Credit Card
C. Mobile Payment
D. Other Payment Option

Enter your choice of Payment: C
You chose Mobile Payment to pay for your movie ticket.
Please proceed the payment

The amount to be paid is 1410
Enter amount to pay: 1210

Please enter correct value to place your order.
The amount to be paid is 1410
Enter amount to pay: 1410
PAID

Please enter correct value to place your order.
The amount to be paid is 1410
Enter amount to pay: 1410
PAID

YOU HAVE SUCCESSFULLY BOOKED YOUR MOVIE TICKETS.
THE TICKET HAS BEEN SENT TO YOUR REGISTERED MOBILE NUMBER !

*****
THANKYOU
*****

1. Sign Out
2. Back to main menu
Your choice: 1

You have been logged Out.
Thanks for using our platform to Book your tickets.
Hope you had a wonderful experience!

...Program finished with exit code 1
Press ENTER to exit console.

```

```
*****
                                     THANKYOU
*****

1. Sign Out
2. Back to main menu
Your choice: 2
*****
                                     SELECT YOUR DESIRED MOVIE:
*****
Select a genre from the list below:
1. Romance
2. Comedy
3. Drama
4. Horror
5. Thriller
Enter you Choice: █
```

ADVANTAGES:

1. **Increased efficiency:** A movie booking system helps to streamline the booking process, making it more efficient for customers and staff. This means that customers can book tickets quickly and easily, and staff can focus on other tasks.
2. **Improved customer service:** With a movie booking system, customers can book tickets at any time of the day or night, without having to wait in line or call customer service. This reduces customer frustration and improves customer satisfaction.
3. **Increased revenue:** By streamlining the booking process and making it easier for customers to book tickets, a movie booking system can help to increase revenue. This is because customers are more likely to book tickets if the process is simple and straightforward.
4. **Reduced overhead costs:** A movie booking system can help to reduce overhead costs by eliminating the need for customer service staff and by reducing the time it takes to process customer orders. This can save businesses money in the long run.
5. **Reduced risk of errors:** By automating the booking process, a movie booking system reduces the risk of errors, such as incorrect ticket purchases or double bookings. This helps to ensure that customers get the tickets they need without any hassle.

6. **Increased Security:** Movie booking systems are protected by secure payment gateways which ensure that transactions are safe and secure. This ensures that customers' personal information is kept safe and secure.

LIMITATIONS:

1. **Limited seats:** Most movie booking systems have a limited number of seats available for each showing, which can lead to a shortage of tickets if screenings are popular.
2. **Long waiting times:** There can be long waiting times when booking tickets, especially during peak times.
3. **Ticket prices:** Some movie booking systems may have higher ticket prices than others, making it difficult to compare prices and get the best deal.
4. **Limited payment options:** Some movie booking systems may only accept certain forms of payment, such as credit cards, which can be inconvenient for customers.
5. **Lack of flexibility:** Movie booking systems can be inflexible and may not allow customers to change or cancel their tickets after they have been purchased.

FUTURE SCOPE:

In the future, movie booking systems could become more advanced and user friendly. For example, they could incorporate artificial intelligence (AI) to help users make informed decisions when booking tickets. AI could be used to suggest movies that the user may like based on their past movie selections, or to recommend tickets at cheaper prices. The system could also provide real-time updates about the availability of tickets for different shows, making it easier for users to find the best deals. Finally, the system could be integrated with other platforms, such as social media, to further enhance the user experience.

REFERENCES:

GeeksforGeeks: <https://www.geeksforgeeks.org/>