MOVIE TICKET BOOKING SYSTEM

COMPUTER SCIENCE – XII A
2020-2021

By:
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KENDRIYA VIDYALAYA NO.2 AFS, PUNE-32

UNDERTAKING

We declare that the work presented in this project titled "**MOVIE TICKET**

BOOKING SYSTEM", submitted to **Mrs.Shradha Joshi TGT-Computer Science**

Kendriya Vidyalaya No.2 AFS PUNE-32. We have not plagiarized or submitted

the same work for the award of any other examination. In case this

undertaking is found incorrect, we accept that our Certificates may be

unconditionally withdrawn.

DECEMBER, 2020
PLACE : Kendriya Vidyalaya No,2 AFS PUNE-32

CERTIFICATE

Certified that the work contained in the project titled "HOTEL MANAGEMENT SYSTEM", by "PRATHMESH.B , DEBOSMIT , SHUBHAM ", has been carried out under our supervision.

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Kendriya Vidyalaya No.2 AFS pune-32.
We are deeply indebted to our mentor **Mrs Shradha Joshi.**
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Our heartfelt thanks to CBSE.
We also express our deepest gratitude to our parents.
Finally, we would like to wind up by paying our heartfelt thanks to all our
near and dear ones.

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Introduction of the Project

We the students of **CLASS XII A of KENDRIYA VIDYALAYA NO.2 AFS pune-32** have been assigned the work of **MOVIE TICKET BOOKING SYSTEM.**

To perform this task the students were divided into the group of three students named as PRATHMESH B , SHUBHAM, DEBOSMIT

PRATHMESH B has been assigned the work of coding and programming , SHUBHAM & DEBOSMIT have been assigned the work of analysing the overall mistakes and have done the conclusion work.

The project starts with –
Enter 1 -
Enter 2 -
Enter 3 -
Enter 4 -
Enter 5 -
Enter 6 -
Enter 7 -
Enter 8 -
Enter 9 -
Enter 10-

We are so glad that this work has been assigned to us, yet we haven't done this work before **Mrs Shradha Joshi** our subject teacher have also helped us a lot to complete this project. We feel so blessed that we have learnt all this work with the help of our sir, we are also thankful to our respected principal **Mr. Gurpreet Singh** for providing us various facilities to complete this project.

As we are the students of **CLASS XII A** and we haven't done this type of project before, we have performed all that which we have learnt from our

CBSE PROGRAMMING. Hence, we know that this programming would be further done on a big platform. Since we have started this programming from *SEPTEMBER* month, we believe that this programming would further help us a lot in our future.

We are also thankful to our groupmates for cooperating with each other while performing this task we have also polished the skills of group activity.

System Requirements of the Project

Recommended System Requirements

- Processors: Intel® Core™ i3 processor 4300M at 2.60 GHz.
- Disk space: 2 to 4 GB.
- Operating systems: Windows® 10, MACOS, and UBUNTU.
- Python Versions: 3.6 or Higher.

Minimum System Requirements

- Processors: Intel Atom® processor or Intel® Core™ i3 processor.
- Disk space: 1 GB.
- Operating systems: Windows 7 or later, MACOS, and UBUNTU.
- Python Versions: 2.7 or higher.

Prerequisites before installing MySQL Connector Python

- You need root or administrator privileges to perform the installation process.
- Python must be installed on your machine.
- Database named "soft" should be present in MySQL

- A table named MOVIETICKETSYSTEM should be present in Database "soft" with following columns:-

1)Name

2)Num_of_tickets

3)City

4)Theatre

5)Screen

6)Movie_name

7)Time

8)ticket_confirmation

PYTHON CODING

```python
# for asking name and number of tickets

print("####### HELLO! Welcome to PDP theaters ######")

print('')

print('')

y=input("pls enter your name: ")

print('')

print('')

print("how many tickets do you want ?")

z=int(input("enter number of tickets: "))




# This function is used for choosing the city

def city():
    print("")
    print("")
    print("In which City You wish to watch the movie ?")
    print("1,pune")
    print("2,mumbai")
    print("3,kolhapur")
    global p

    x=int(input("enter your choice:  "))
    if x==1:
        p="pune"
    elif x==2:
        p="mumbai"
    elif x==3:
        p="kolhapur"
    else:
        print("***invalid choice***")
        p=""
    return p
```

```python
# This function is used for choosing the type of theatre
def which():
    print("In which type of theatre you want to watch the movie ?")
    print("")
    print("")
    print("1,INOX")
    print("2,PvR")
    print("3,4DX")
    global q

    x=int(input("enter your choice: "))
    if x==1:
        q="INOX"
    elif x==2:
        q="PvR"
    elif x==3:
        q="4DX"
    else:
        print("***invalid choice***")
        q=""
    return q


#this function is used forchoosing ehich type of screen do you want
def screen():
    print("which screen do you prefer ?")
    print('')
    print('')
    print("1, 3D with A/C")
    print("2, 3D NON A/C")
    print("3, 2D with A/C")
    print("4, 2D NON A/C")
```

```python
    global r
    x=int(input("enter your choice : "))
    if x==1:
        r="3D with A/C"
    if x==2:
        r="3D NON A/C"
    if x==3:
        r="2D with A/C"
    if x==4:
        r="2D NON A/C"
    return r


#for asking which movie do you want to see
def movie():
    print("Availaible Movies are :- ")
    print("1, MOVIE#1")
    print("2, MOVIE#2")
    print("3, MOVIE#3")
    print("4, MOVIE#4")
    print("5, MOVIE#5")
    print("Which movie do you want to see ?")
    x=int(input("enter your choice: "))

    global s
    if x==1:
        s="MOVIE#1"
    if x==2:
        s="MOVIE#2"
    if x==3:
        s="MOVIE#3"
    if x==4:
        s="MOVIE#4"
```

```python
    if x==5:
        s="MOVIE#5"
    return s



#for asking your suitable time to watch the movie
def time():
    global t
    if s=="MOVIE#1":
        print("1, 10:30-12:00")
        print("2, 12:30-14:00")
        print("3, 14:30-16:30")
        x=int(input("enter your choice: "))
        if x==1:
            t="10:30-12:00"
        if x==2:
            t="12:30-14:00"
        if x==3:
            t="14:30-16:00"

    if s=="MOVIE#2":
        print("1, 11:30-13:00")
        print("2, 13:30-15:00")
        print("3, 15:30-17:30")
        x=int(input("enter your choice: "))
        if x==1:
            t="11:30-13:00"
        if x==2:
            t="13:30-15:00"
        if x==3:
            t="15:30-17:00"

    if s=="MOVIE#3":
```

```python
        print("1, 9:30-11:00")
        print("2, 11:30-13:00")
        print("3, 13:30-15:30")
        x=int(input("enter your choice: "))
        if x==1:
            t="9:30-11:00"
        if x==2:
            t="11:30-13:00"
        if x==3:
            t="13:30-15:30"


    if s=="MOVIE#4":
        print("1, 10:00-12:00")
        print("2, 12:00-14:00")
        print("3, 14:00-16:00")
        x=int(input("enter your choice: "))
        if x==1:
            t="10:00-12:00"
        if x==2:
            t="12:00-14:00"
        if x==3:
            t="14:00-16:00"


    if s=="MOVIE#5":
        print("1, 16:30-18:00")
        print("2, 18:30-20:00")
        print("3, 18:30-22:30")
        x=int(input("enter your choice: "))
        if x==1:
            t="16:30-18:00"
        if x==2:
            t="18:30-20:00"
        if x==3:
```

```
        t="18:30-22:30"


    return t




#asking confirmation

def bye():

    global tell

    c=input("CONFIRM YOUR TICKET BOOKING [Y/N]= ")

    print("")

    print("")

    if c=="Y" or c=="y":

        print("YOU TICKET IS BOOKED!!!")

        print("ENJOY YOUR MOVIE!!!")

        tell="Y"

    else:

        print("###sorry ticket booking failed###")

        print("###please try again later###")

        tell="N"

    return tell


#this part is put the all user data in MySql table

tup=(y,z,city(),which(),screen(),movie(),time(),bye())

import mysql.connector

con=mysql.connector.connect(host='localhost',user='root',password='SYSTEM',database='soft')

cur=con.cursor()

q="insert into mtbs(name,num_of_tickets,city,theatre,screen,movie_name,time,ticket_confirmation)
values(%s,%s,%s,%s,%s,%s,%s,%s)"

cur.execute(q,tup)

con.commit()
```

OUTPUT

```
pls enter your name: PDP


how many tickets do you want ?

enter number of tickets: 3


In which City You wish to watch the movie ?
1,pune
2,mumbai
3,kolhapur

enter your choice:  1
In which type of theatre you want to watch the movie ?


1,INOX
2,PvR
3,4DX

enter your choice: 2
which screen do you prefer ?


1, 3D with A/C
2, 3D NON A/C
3, 2D with A/C
4, 2D NON A/C

enter your choice : 2
```
```
Availaible Movies are :-
1, MOVIE#1
2, MOVIE#2
3, MOVIE#3
4, MOVIE#4
5, MOVIE#5
Which movie do you want to see ?

enter your choice: 3
choose the time for the movie
1, 9:30-11:00
2, 11:30-13:00
3, 13:30-15:30

enter your choice: 2

CONFIRM YOUR TICKET BOOKING [Y/N]=  Y


YOU TICKET IS BOOKED!!!
ENJOY YOUR MOVIE!!!

In [3]:
```

MySql table

All the user data will be stored in MySql table

```
mysql> select * from MTBS;
+------+----------------+------+---------+-----------+------------+-------------+---------------------+
| name | num_of_tickets | city | theatre | screen    | movie_name | time        | ticket_confirmation |
+------+----------------+------+---------+-----------+------------+-------------+---------------------+
| PDP  |              3 | pune | PvR     | 3D NON A/C | MOVIE#3   | 11:30-13:00 | Y                   |
+------+----------------+------+---------+-----------+------------+-------------+---------------------+
1 row in set (0.00 sec)
```

THANK YOU !