



# Online Ticket Purchase System For Cinema Hall

Try to make an easy and safe life

# Submitted to...

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# Objective

The project objective is to book cinema tickets in online. The Ticket Reservation System is an Internet based application that can be accessed throughout the Net and can be accessed by anyone who has a net connection. This application will reserve the tickets. This online ticket reservation system provides a website for a cinema hall where any user of internet can access it. User is required to login to the system and needs a credit card for booking the tickets.



# About The Project

E-ticket system for cinema halls  
Statement of project: This project is aimed to provide the customers facility to book tickets for cinema halls online, through which they can book tickets anytime, anywhere. E-ticket system is basically made for providing the customer an anytime and anywhere service for booking the seat in the cinema hall and to gather information about the movies online. The user can easily be able to know about the movies released and then make the choice booking the seat.



# Expected outcomes

`add_people()` : It adds new person in data list.

`remove_existing()` : Anybody who wants to left membership his/her name will be deleted.

`add_movie()` : Movie list will be updated and it depends on server storage.

`provide_time()` : It provides extract time for movies.

`selected_movie()` : User can select movie as their wish.



# Functional requirement

```
6 login = {'admin':'admin'}
7
8 while True:
9     ch = input("Choose option:\n\t1. Login\n\t2. Register\n")
10
11     if ch=='1' or ch=='2':
12         user = input('Enter your username:')
13         pas = input('Enter your password: ')
14
15         if ch=='1':
16             if login[user] == pas:
17                 print("You are successfully logged in.\n")
18
19         elif ch == '2':
20             login[user] = pas
21             print("You are successfully registered.\n")
22         else:
23             print('Wrong Choice!')
```

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE

```
PS C:\Users\mithu> & python c:/Users/mithu/OneDrive/Desktop/Untitled-1.py
Choose option:
1. Login
2. Register
2
Enter your username:a
Enter your password: 1
You are successfully registered.
```

## Registration -

If a customer wants to booking the ticket then he/she must be registered, an unregistered user can't book the ticket.

# Functional requirement

```
8 while True:
9     ch = input("Choose option:\n\t1. Login\n\t2. Register\n")
10
11     if ch=='1' or ch=='2':
12         user = input('Enter your username:')
13         pas = input('Enter your password: ')
14
15         if ch=='1':
16             if login[user] == pas:
17                 print("You are successfully logged in.\n")
18                 while True:
19                     for i in movie:
20                         print(i, movie[i]['title'])
21                     print('\0 Logout')
22                     x = input('Enter your choice:')
23
24                     if x=='0':
```

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE

```
Choose option:
    1. Login
    2. Register
1
Enter your username:mithu
Enter your password: 1
You are successfully logged in.
```

## Login -

Customer logs in to the system by entering valid user id and password for booking the ticket.



## Functional requirement text

```
movie = {  
  '1':{'title':'Avengers','s1':5, 's2':5, 's3':5},  
  '2':{'title':'Spider Man','s1':5, 's2':5, 's3':5}  
}
```

1 Avengers  
2 Spider Man

### **Search Movie -**

The system shall have a search function. Customer or visitor can search movies based on movie name, date, time and venue

## Functional requirement

```
print('Slot 1: 9.00am to 12.00pm')
print('Slot 2: 2.00pm to 05.00pm')
print('Slot 3: 6.00pm to 09.00pm')
y = input('Choose slot: ')

s = int(input('Enter seat number: '))

if y=='1':
    if movie[x]['s1'] >= s:
        print('Ticket purchased successfully.\n')
        movie[x]['s1'] -= s
    else:
        print('Opps! Only', movie[x]['s1'], 'tickets available.\n')
elif y=='2':
    if movie[x]['s2'] >= s:
        print('Ticket purchased successfully.\n')
        movie[x]['s2'] -= s
    else:
        print('Opps! Only', movie[x]['s2'], 'tickets available.\n')
elif y=='3':
    if movie[x]['s3'] >= s:
        print('Ticket purchased successfully.\n')
        movie[x]['s3'] -= s
    else:
        print('Opps! Only', movie[x]['s3'], 'tickets available.\n')
else:
    print('wrong username or password!\n')
elif ch == '2':
    login(user) = pass
    return "You are successfully authenticated.\n"
```

PROBLEMS OUTPUT TERMINAL ERROR CONSOLE

```
# Input:
Enter your choice:2
Slot 1: 9.00am to 12.00pm
Slot 2: 2.00pm to 05.00pm
Slot 3: 6.00pm to 09.00pm
Choose slot: 1
Enter seat number: 1
Ticket purchased successfully.
```

**Seat booked and time-**  
The customer shall be booking seats from which the desired seats are selected and can be see the time

# Target Audience

We targeted those people who goes to Cinema Hall for watching movie and tries to lead easy life and who develop this entire project.





Thanks

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