

Movie Ticket Platform

Online Movie Ticket Booking Platform is a digital movie ticket booking platform that caters to both B2B (theater partners) and B2C (end customers) clients. It allows customers to access the services of a theater, reserve seats, and purchase tickets. The platform also provides details such as the time a movie will be played, the seats that are available, movie previews, and more.

User

POST Add User

http://localhost:8081/auth/register

Body raw (json)

json

```
{
  "name": "Prakash",
  "email": "prakash@gmail.com",
  "password": "mishra",
  "phone": "9162577650"
}
```

GET Get User

http://localhost:8081/api/users/1

GET Get Users

http://localhost:8081/api/users

PUT ActivateUser

http://localhost:8081/api/users?id=2&isActive=true

PARAMS

id	2
isActive	true

Body raw (json)

json

```
{
  "id": 2,
  "name": "PM Yadav",
  "password": "mishra",
  "email": "pmya@gmail.com",
  "phone": "8554001114",
  "isActive": true
}
```

PUT Update User

http://localhost:8081/api/users/2

Body raw (json)

json

```
{
  "id": 2,
  "name": "Mithu Panday",
  "password": "panday",
  "email": "mithu@gmail.com",
  "phone": "8123248461",
  "isActive": true
}
```

POST Generate Token

http://localhost:8081/auth/token

Body raw (json)

json

```
{
  "username": "ram@gmail.com",
  "password": "test"
}
```

GET Validate Token

http://localhost:8081/auth/validate?token=eayJhbGciOiJIUzI1NiJ9.eyJzdWl0OiJyYW1AZ21haWwuY29tliwiaWF0IjoxNjk4ODQ2ODM5LCJleHAiOjE2OTg4NDg2Mzl9.WR1HeVKygggu8aRzwKfITsycDiJxTIOccXNU7Tk6vFQ0

PARAMS

token	eayJhbGciOiJIUzI1NiJ9.eyJzdWl0OiJyYW1AZ21haWwuY29tliwiaWF0IjoxNjk4ODQ2ODM5LCJleHAiOjE2OTg4NDg2Mzl9.WR1HeVKygggu8aRzwKfITsycDiJxTIOccXNU7Tk6vFQ0
-------	---

Movie

GET Get Movie By Id

http://localhost:8082/api/movies/ad02b595-fb55-45ff-be20-80dbefbe50a2

Body raw (json)

json

```
{
  "movieName": "83",
  "genre": "Drama/Sport",
  "cbfcRating": "U",
  "language": "Hindi",
  "director": "Kabir Khan",
  "industry": "BOLLYWOOD",
  "yearOfRelease": 2021
}
```

POST Add Movie

http://localhost:8082/api/movies

Body raw (json)

json

```
{
  "movieName": "83",
  "genre": "Drama/Sport",
  "cbfcRating": "U",
  "language": "Hindi",
  "director": "Kabir Khan",
  "industry": "BOLLYWOOD",
  "yearOfRelease": 2021
}
```

GET Get Movie By Name

http://localhost:8082/api/movies/m/Gadar 2

GET Get Movie By Genre

http://localhost:8082/api/movies/g?genre=Drama/Sport

PARAMS

genre	Drama/Sport
-------	-------------

GET Get Movie By Industry

http://localhost:8082/api/movies/i?industry=BOLLYWOOD

PARAMS

industry	BOLLYWOOD
----------	-----------

Theatre

POST Add Theatre

http://localhost:8083/api/theatres

Body raw (json)

json

```
{
  "theatreName": "PVR RK Cineplex",
  "city": "Hyderabad",
  "state": "Telangana",
  "theatreAddress": "Banjara Hills",
  "noOfShow": 3,
  "midDay": true,
  "eve": true,
  "night": true,
  "isActive": true,
  "screens": [
    {
      "screenName": "Screen-1",
      "isActive": true,
      "seats": [
        {
          "seatLabel": "A1",
          "seatType": "PLATINUM",
          "price": 500
        },
        {
          "seatLabel": "A2",
          "seatType": "PLATINUM",
          "price": 500
        },
        {
          "seatLabel": "A3",
          "seatType": "PLATINUM"
        }
      ]
    }
  ]
}
```

```

        "seatType": "PLATINUM",
        "price": 500
    },
    {
        "seatLabel": "B1",
        "seatType": "GOLD",
        "price": 400
    },
    {
        "seatLabel": "B2",
        "seatType": "GOLD",
        "price": 400
    },
    {
        "seatLabel": "B3",
        "seatType": "GOLD",
        "price": 400
    },
    {
        "seatLabel": "C1",
        "seatType": "LOUNGERS",
        "price": 300
    },
    {
        "seatLabel": "C2",
        "seatType": "LOUNGERS",
        "price": 300
    },
    {
        "seatLabel": "C3",
        "seatType": "LOUNGERS",
        "price": 300
    }
]
},
{
    "screenName": "Screen-2",
    "isActive": true,
    "seats": [
        {
            "seatLabel": "A1",
            "seatType": "PLATINUM",
            "price": 400
        },
        {
            "seatLabel": "A2",
            "seatType": "PLATINUM",
            "price": 400
        },
        {
            "seatLabel": "A3",
            "seatType": "PLATINUM",
            "price": 400
        },
        {
            "seatLabel": "B1",
            "seatType": "GOLD",
            "price": 300
        },
        {

```

```

        "seatLabel": "B2",
        "seatType": "GOLD",
        "price": 300
    },
    {
        "seatLabel": "B3",
        "seatType": "GOLD",
        "price": 300
    },
    {
        "seatLabel": "C1",
        "seatType": "LOUNGERS",
        "price": 200
    },
    {
        "seatLabel": "C2",
        "seatType": "LOUNGERS",
        "price": 200
    },
    {
        "seatLabel": "C3",
        "seatType": "LOUNGERS",
        "price": 200
    }
]
},
{
    "screenName": "Screen-3",
    "isActive": true,
    "seats": [
        {
            "seatLabel": "A1",
            "seatType": "PLATINUM",
            "price": 400
        },
        {
            "seatLabel": "A2",
            "seatType": "PLATINUM",
            "price": 400
        },
        {
            "seatLabel": "A3",
            "seatType": "PLATINUM",
            "price": 400
        },
        {
            "seatLabel": "B1",
            "seatType": "GOLD",
            "price": 300
        },
        {
            "seatLabel": "B2",
            "seatType": "GOLD",
            "price": 300
        },
        {
            "seatLabel": "B3",
            "seatType": "GOLD",
            "price": 300
        }
    ]
}

```

```
{
  {
    "seatLabel": "C1",

    "seatType": "LOUNGERS",
    "price": 200
  },
  {
    "seatLabel": "C2",
    "seatType": "LOUNGERS",
    "price": 200
  },
  {
    "seatLabel": "C3",
    "seatType": "LOUNGERS",
    "price": 200
  }
}
]
```

GET Get Theatre By Name

http://localhost:8083/api/theatres/t/PVR RK Cineplex

GET Get Theatre By Id

http://localhost:8083/api/theatres/1

POST Allot Movie to a Theatre

http://localhost:8083/api/theatres/allotMovie

Body raw (json)

json

```
{
  "theatreId": 1,
  "movieId": 1,
  "screenId": 2,
  "fromDate": "28/11/2023",
  "toDate": "30/11/2023"
}
```


GET Browse movie by city,date,time

http://localhost:8083/api/theatres/t/browse

Body raw (json)

```
json

{
  "movieId": 1,
  "city": "Hyderabad",
  "date": "30/11/2023",
  "showTime": "MID_DAY"
}
```

GET Check N Seats Availability

http://localhost:8083/api/theatres/s/checkNSeatsAvailability

Body raw (json)

```
json

{
  "theaterId": 2,
  "movieId": 1,
  "screenId": 1,
  "numOfSeats": 3,
  "seatType": "PLATINUM",
  "date": "28/11/2023",
  "showTime": "NIGHT"
}
```

POST Book N Seats

http://localhost:8083/api/theatres/s/bookNSeats

Body raw (json)

json

```
{
  "theaterId": 1,
  "movieId": 1,
  "screenId": 2,
  "numOfSeats": 2,
  "seatType": "PLATINUM",
  "date": "28/11/2023",
  "showTime": "MID_DAY",
  "userId": 1
}
```

POST Book Requested Seats

<http://localhost:8083/api/theatres/s/bookRequestedSeats>

Body raw (json)

json

```
{
  "theaterId": 1,
  "movieId": 1,
  "screenId": 2,
  "seatIds": [13, 14],
  "seatType": "PLATINUM",
  "date": "28/11/2023",
  "showTime": "MID_DAY",
  "userId": 1
}
```

GET Check Requested Seats Availability

<http://localhost:8083/api/theatres/s/checkRequestedSeatsAvailability>

Body raw (json)

json

```
{
  "theaterId": 1,
  "movieId": 1,
  "screenId": 2,
  "seatIds": [13, 14],
  "seatType": "PLATINUM",
  "date": "28/11/2023",
  "showTime": "MID_DAY",
  "userId": 1
}
```

API Gateway

Theatre

POST Add Theatre

<http://localhost:8080/api/theatres>

Body raw (json)

json

```
{
  "theatreName": "Sridevi Theatre",
  "city": "Hyderabad",
  "state": "Telangana",
  "theatreAddress": "Ameenpur",
  "noOfShow": 3,
  "midDay": true,
  "eve": true,
  "night": true,
  "isActive": true,
  "screens": [
    {
      "screenName": "Screen-1",
      "isActive": true,
      "seats": [
        {
          "seatLabel": "A1",
          "seatType": "PLATINUM",
          "price": 500
        },
        {
          "seatLabel": "A2",
          "seatType": "PLATINUM",
          "price": 500
        }
      ]
    }
  ]
}
```

```

        {
            "seatLabel": "A3",
            "seatType": "PLATINUM",
            "price": 500
        },
        {
            "seatLabel": "B1",
            "seatType": "GOLD",
            "price": 400
        },
        {
            "seatLabel": "B2",
            "seatType": "GOLD",
            "price": 400
        },
        {
            "seatLabel": "B3",
            "seatType": "GOLD",
            "price": 400
        },
        {
            "seatLabel": "C1",
            "seatType": "LOUNGERS",
            "price": 300
        },
        {
            "seatLabel": "C2",
            "seatType": "LOUNGERS",
            "price": 300
        },
        {
            "seatLabel": "C3",
            "seatType": "LOUNGERS",
            "price": 300
        }
    ]
},
{
    "screenName": "Screen-2",
    "isActive": true,
    "seats": [
        {
            "seatLabel": "A1",
            "seatType": "PLATINUM",
            "price": 400
        },
        {
            "seatLabel": "A2",
            "seatType": "PLATINUM",
            "price": 400
        },
        {
            "seatLabel": "A3",
            "seatType": "PLATINUM",
            "price": 400
        },
        {
            "seatLabel": "B1",
            "seatType": "GOLD",

```

```

        "price": 300
      },
      {
        "seatLabel": "B2",
        "seatType": "GOLD",
        "price": 300
      },
      {
        "seatLabel": "B3",
        "seatType": "GOLD",
        "price": 300
      },
      {
        "seatLabel": "C1",
        "seatType": "LOUNGERS",
        "price": 200
      },
      {
        "seatLabel": "C2",
        "seatType": "LOUNGERS",
        "price": 200
      },
      {
        "seatLabel": "C3",
        "seatType": "LOUNGERS",
        "price": 200
      }
    ]
  },
  {
    "screenName": "Screen-3",
    "isActive": true,
    "seats": [
      {
        "seatLabel": "A1",
        "seatType": "PLATINUM",
        "price": 400
      },
      {
        "seatLabel": "A2",
        "seatType": "PLATINUM",
        "price": 400
      },
      {
        "seatLabel": "A3",
        "seatType": "PLATINUM",
        "price": 400
      },
      {
        "seatLabel": "B1",
        "seatType": "GOLD",
        "price": 300
      },
      {
        "seatLabel": "B2",
        "seatType": "GOLD",
        "price": 300
      },
      {

```

```
    "seatLabel": "B3",
    "seatType": "GOLD",
    "price": 300
  },
  {
    "seatLabel": "C1",
    "seatType": "LOUNGERS",
    "price": 200
  },
  {
    "seatLabel": "C2",
    "seatType": "LOUNGERS",
    "price": 200
  },
  {
    "seatLabel": "C3",
    "seatType": "LOUNGERS",
    "price": 200
  }
]
}
```

GET Get Theatre By Name



http://localhost:8080/api/theatres/t/PVR RK Cineplex

AUTHORIZATION Bearer Token

Token	<token>
-------	---------

GET Get Theatre By Id



http://localhost:8080/api/theatres/4639841f-7a84-4cda-8d92-3e0341ccb2e1

AUTHORIZATION Bearer Token

Token	<token>
-------	---------

POST Allot Movie to a Theatre



http://localhost:8080/api/theatres/allotMovie

AUTHORIZATION Bearer Token

Token

<token>

Body raw (json)

json

```
{
  "theatreId": "8d72a530-3f30-4322-b6b4-534dc2b27b66",
  "movieId": "06e4e801-7ebf-437a-887a-c9176d13ab85",
  "screenId": 2,
  "fromDate": "26/11/2023",
  "toDate": "28/11/2023"
}
```

GET Browse movie by city,date,time



http://localhost:8080/api/theatres/t/browse

AUTHORIZATION Bearer Token

Token

<token>

Body raw (json)

json

```
{
  "movieId": "06e4e801-7ebf-437a-887a-c9176d13ab85",
  "city": "Hyderabad",
  "date": "28/11/2023",
  "showTime": "MID_DAY"
}
```

GET Check N Seats Availability



http://localhost:8080/api/theatres/s/checkNSeatsAvailability

AUTHORIZATION Bearer Token

Token

<token>

Body raw (json)

```
json

{
  "theaterId": "4639841f-7a84-4cda-8d92-3e0341ccb2e1",
  "movieId": "06e4e801-7ebf-437a-887a-c9176d13ab85",
  "screenId": 2,
  "numOfSeats": 2,
  "seatType": "LOUNGERS",
  "date": "28/11/2023",
  "showTime": "EVENING"
}
```

POST Book N Seats



http://localhost:8080/api/theatres/s/bookNSeats

AUTHORIZATION Bearer Token

Token <token>

Body raw (json)

```
json

{
  "theaterId": "4639841f-7a84-4cda-8d92-3e0341ccb2e1",
  "movieId": "06e4e801-7ebf-437a-887a-c9176d13ab85",
  "screenId": 2,
  "numOfSeats": 2,
  "seatType": "PLATINUM",
  "date": "28/11/2023",
  "showTime": "EVENING",
  "userId": 1
}
```

POST Book Requested Seats



http://localhost:8080/api/theatres/s/bookRequestedSeats

AUTHORIZATION Bearer Token

Token

<token>

Body raw (json)

json

```
{
  "theaterId": "4639841f-7a84-4cda-8d92-3e0341ccb2e1",
  "movieId": "06e4e801-7ebf-437a-887a-c9176d13ab85",
  "screenId": 2,
  "seatIds": [13, 14],
  "seatType": "PLATINUM",
  "date": "28/11/2023",
  "showTime": "NIGHT",
  "userId": 1
}
```

GET Check Requested Seats Availability



http://localhost:8080/api/theatres/s/checkRequestedSeatsAvailability

AUTHORIZATION Bearer Token

Token

<token>

Body raw (json)

json

```
{
  "theaterId": "4639841f-7a84-4cda-8d92-3e0341ccb2e1",
  "movieId": "06e4e801-7ebf-437a-887a-c9176d13ab85",
  "screenId": 2,
  "seatIds": [15],
  "seatType": "PLATINUM",
  "date": "28/11/2023",
  "showTime": "NIGHT"
}
```

User

POST Register User

http://localhost:8080/auth/register

Body raw (json)

json

```
{
  "name": "Gopal",
  "email": "gopal@gmail.com",
  "password": "test",
  "phone": "9987862203"
}
```

GET Get User



http://localhost:8080/api/users/1

AUTHORIZATION Bearer Token

Token <token>

GET Get Users



http://localhost:8080/api/users

AUTHORIZATION Bearer Token

Token <token>

PUT ActivateUser



http://localhost:8080/api/users?id=1&isActive=true

AUTHORIZATION Bearer Token

Token <token>

PARAMS

id	1
isActive	true

Body raw (json)

json

```
{
  "id": 2,
  "name": "Hari Kumar",
  "password": "test",
  "email": "hari@gmail.com",
  "phone": "9987862202",
  "isActive": true
}
```

PUT Update User



http://localhost:8080/api/users/1

AUTHORIZATION Bearer Token

Token	<token>
-------	---------

Body raw (json)

json

```
{
  "name": "Ram Kumar",
  "password": "test",
  "email": "ram@gmail.com",
  "phone": "9987862201",
  "isActive": true
}
```

POST Generate Token

http://localhost:8080/auth/token

http://localhost:8080/auth/token

Body raw (json)

json

```
{
  "username": "ram@gmail.com",
  "password": "test"
}
```

GET Validate Token

http://localhost:8080/auth/validate?token=eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJyYW1AZ21haWwuY29tliwiaWF0IjoxNTk5NTQyNTk5LCJleHAiOiJlOTk1NDQzOTI9.NLIXeGbdxgw6m5qB8G1-OkdfGowN3tpD8XaYtabKYQ4

PARAMS

token	eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJyYW1AZ21haWwuY29tliwiaWF0IjoxNTk5NTQyNTk5LCJleHAiOiJlOTk1NDQzOTI9.NLIXeGbdxgw6m5qB8G1-OkdfGowN3tpD8XaYtabKYQ4
-------	---

Movie

GET Get Movie By Id



http://localhost:8080/api/movies/06e4e801-7ebf-437a-887a-c9176d13ab85

AUTHORIZATION Bearer Token

Token	<token>
-------	---------

Body raw (json)

json

```
{
  "movieName": "83",
}
```

```
"genre": "Drama/Sport",
"cbfcRating": "U",
"language": "Hindi",

"director": "Kabir Khan",
"industry": "BOLLYWOOD",
"yearOfRelease": 2021
}
```

POST Add Movie



http://localhost:8080/api/movies

AUTHORIZATION Bearer Token

Token <token>

Body raw (json)

json

```
{
  "movieName": "Gadar 2",
  "genre": "Drama/Action",
  "cbfcRating": "U/A",
  "language": "Hindi",
  "director": "Anil Sharma",
  "industry": "BOLLYWOOD",
  "yearOfRelease": 2023
}
```

GET Get Movie By Name



http://localhost:8080/api/movies/m/Gadar 2

AUTHORIZATION Bearer Token

Token <token>

GET Get Movie By Genre

http://localhost:8080/api/movies/g?genre=Drama/Sport

PARAMS

genre	Drama/Sport
-------	-------------

GET Get Movie By Industry



http://localhost:8080/api/movies/i?industry=BOLLYWOOD

AUTHORIZATION Bearer Token

Token	<token>
-------	---------

PARAMS

industry	BOLLYWOOD
----------	-----------

Booking

GET Check Requested Seats Availability



http://localhost:8080/api/bookings/checkRequestedSeatsAvailability

AUTHORIZATION Bearer Token

Token	<token>
-------	---------

Body raw (json)

json

```
{
  "theaterId": "4639841f-7a84-4cda-8d92-3e0341ccb2e1",
  "movieId": "06e4e801-7ebf-437a-887a-c9176d13ab85",
  "screenId": 2,
  "seatIds": [13],
  "seatType": "LOUNGERS",
  "date": "28/11/2023",
  "showTime": "EVENING"
}
```

POST Book Requested Seats



http://localhost:8080/api/bookings/bookRequestedSeats

AUTHORIZATION Bearer Token

Token <token>

Body raw (json)

json

```
{
  "theaterId": "4639841f-7a84-4cda-8d92-3e0341ccb2e1",
  "movieId": "06e4e801-7ebf-437a-887a-c9176d13ab85",
  "screenId": 2,
  "seatIds": [15],
  "seatType": "PLATINUM",
  "date": "28/11/2023",
  "showTime": "NIGHT",
  "userId": 1
}
```

GET Check N Seats Availability



http://localhost:8080/api/bookings/checkNSeatsAvailability

AUTHORIZATION Bearer Token

Token <token>

Body raw (json)

json

```
{
  "theaterId": "4639841f-7a84-4cda-8d92-3e0341ccb2e1",
  "movieId": "06e4e801-7ebf-437a-887a-c9176d13ab85",
  "screenId": 2,
  "numOfSeats": 2,
  "seatType": "LOUNGERS",
}
```

```
"date": "28/11/2023",
```

```
"showTime": "EVENING"
```

```
}
```

POST Book N Seats



http://localhost:8080/api/bookings/bookNSeats

AUTHORIZATION Bearer Token

Token

<token>

Body raw (json)

json

```
{
  "theaterId": "4639841f-7a84-4cda-8d92-3e0341ccb2e1",
  "movieId": "06e4e801-7ebf-437a-887a-c9176d13ab85",
  "screenId": 2,
  "numOfSeats": 1,
  "seatType": "LOUNGERS",
  "date": "28/11/2023",
  "showTime": "EVENING",
  "userId": 1
}
```

GET API Docs Endpoint

http://localhost:8080/v3/api-docs/swagger-config