

1. Browse Theatres by Movie, City, and Date (GET)

Endpoint: GET /api/v1/shows/search?movie=Inception&city=Mumbai&date=2025-05-16

Response:

```
{
  "movie": "Inception",
  "city": "Mumbai",
  "date": "2025-05-16",
  "theatres": [
    {
      "name": "PVR Phoenix",
      "address": "Phoenix Mall, Mumbai",
      "shows": [
        {"time": "10:00 AM", "screen": "Screen 1"},
        {"time": "02:00 PM", "screen": "Screen 2"}
      ]
    }
  ]
}
```

2. Discount Offers (Applied Internally)

Endpoint: No dedicated endpoint - applied during booking

Response:

Rules:

- 50% off on third ticket in select cities/theatres
- 20% off for afternoon show bookings (12 PM - 4 PM)

3. Book Movie Tickets (POST)

Endpoint: POST /api/v1/bookings

Request:

```
{
  "userId": "U12345",
  "showId": "S98765",
  "seatNumbers": ["A1", "A2", "A3"],
  "paymentMethod": "UPI"
}
```

Response:

```
{
  "bookingId": "2a1f5b0c-91e2-4db3-a2f9-342e16bfe12f",
}
```

```
"status": "CONFIRMED",  
"message": "Booking successful for seats: [A1, A2, A3]"  
}
```

4. Create a Show (POST)

Endpoint: POST /api/v1/shows

Request:

```
{  
  "movieId": "M001",  
  "screenId": "SCR123",  
  "showDate": "2025-05-17",  
  "showTime": "18:00"  
}
```

Response:

```
{  
  "showId": "S1001",  
  "status": "CREATED"  
}
```

5. Update a Show (PUT)

Endpoint: PUT /api/v1/shows/S1001

Request:

```
{  
  "showTime": "20:00"  
}
```

Response:

```
{  
  "status": "UPDATED",  
  "message": "Show updated successfully"  
}
```

6. Delete a Show (DELETE)

Endpoint: DELETE /api/v1/shows/S1001

Response:

```
{  
  "status": "DELETED",  
  "message": "Show removed successfully"  
}
```

7. Bulk Booking (POST)

Endpoint: POST /api/v1/bookings/bulk

Request:

```
{
  "userId": "U999",
  "bookings": [
    {
      "showId": "S101",
      "seatNumbers": ["B1", "B2"]
    },
    {
      "showId": "S102",
      "seatNumbers": ["C3", "C4"]
    }
  ]
}
```

Response:

```
{
  "status": "PARTIALLY_CONFIRMED",
  "successfulBookings": 1,
  "failedBookings": 1
}
```

8. Allocate/Update Seat Inventory (PUT)

Endpoint: PUT /api/v1/shows/S101/seats

Request:

```
{
  "totalSeats": 150,
  "blockedSeats": ["A10", "A11"]
}
```

Response:

```
{
  "status": "SUCCESS",
  "message": "Seat inventory updated"
}
```