

# Pre-Read

## Build The Theatre-Movie Relationship Related APIs



# Things I need to know before this session

Whenever we want to purchase a movie ticket from the Ticket Counter, we have to stand in long queues to purchase that. And if all tickets get purchased before our chance to purchase, we need to go back to our home without seeing the movie.

This is a waste of time, and at the same time, it is difficult to plan the event. To overcome this, there are online ticket booking applications where users can purchase tickets from anywhere online and pre-plan the schedule. This saves our time as well.

## What will be taught in this session?

In this session, we are going to focus on the below points—

1. Add the movies inside a theatre
2. Remove a movie from the theatre
3. Get the list of theatres in which a movie is running.
4. Search if a movie is running in any theatres
5. Search if a movie is running in any specific theatres

## What is a Movie Booking Application?

We are going to create a movie booking application similar to the **BookMyShow** application. In this application, users can book movies directly from the application, and payments can also be made online.

This helps in pre-booking of the movie. Users can book movies at any instance of time. Below are the main features of the movie booking application -

- Users can book movies anytime, anywhere online.
- Users can view the movies and their show timings
- Cinema owners can inform the users about the new release and discounts and can get feedback from them as well
- Payment can easily be made online without any issue
- Users can pre-plan their schedules to enjoy the movie.

## Relation between a Movie and a Theatre

We are going to learn how do we put a movie inside a theatre, how a theatre can have more than one movie and how we can create this relation to have more meaningful and user-friendly endpoints.

## How are these concepts being used in the industry for building applications?

There are multiple applications that implement the above-mentioned features like movie booking and so on.

**BookMyShow**

**Paytm Movie Booking**

**Inox Movies**