Building the Movie Resource API
Pre-read

Things I need to know before this session

Whenever we want to purchase a movie ticket from Ticket Counter, we have to stand in long queues to purchase that. And if all tickets got purchased before our chance to purchase, we need to go back to our home without seeing the movie. This is 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 the ticket 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. What is a movie booking app?
2. App overview
3. Requirement gathering and actor profiles
4. Use cases
5. Setting up project structure and database
6. Setting up data models for the movie item
7. API for CRUD operation on movie resource
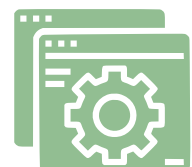8. Ability to create, read, update and delete movies.

What is a Movie Booking Application?

We are going to create a movie booking application similar to BookMyShow application. In this application, users can book movies directly from the application and payment can also be done 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 done online without any issue
- Users can pre-plan their schedules to enjoy the movie.

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

There are multiple applications that are implementing above mentioned features like movie booking, and so on.

- BookMyShow
- Paytm Movie Booking
- Inox Movies