

Ultrplex Frontend - Cinema Management Tool

Business Requirements:

- A cinema has multiple screens.
- A movie can be played on multiple screens (in multiple cinemas).
- A screen can show multiple movies on a day.
- A screening of a movie can have multiple bookings.

Tasks:

- Create a dashboard that shows the number of
 - Cinemas
 - Screens
 - Movies
 - Bookings
- The user should be able to
 - List all cinemas and add new cinemas
 - List all screens for a specific cinema and add a new screen for a specific cinema
 - List all movies and add a specific movie
 - Create a screening (for a specific screen and a specific movie at a certain time, **startTime**)
 - Create a booking for a specific screening adding the number of seats

Base-URL

<https://develop.hybrid.iov99.com/ultraplex/api/v1>

Create Cinema

- PUT /cinemas
- JSON Body { name: }

List all Cinemas

- GET /cinemas

Create Screen

- PUT /cinemas/{id}/screens
- JSON Body { name: }

Create Movie

- PUT /movies
- JSON Body { name:, runtime:}

List all Movies

- GET /movies

Create Screening

- PUT /cinemas/{c_id}/screens/{s_id}/screenings
- JSON Body {movieId:, startTime:}

List all Screenings

- GET /cinemas/{c_id}/screenings

Create Booking

- PUT /bookings
- JSON {screeningId: ... , seat: 3}

List all Bookings

- GET /bookings