

- Submission by Hrithikesh C, 21f3001459.
- This pdf will list out the features of my MAD–1 project, a movie ticket booking app.
- Every piece of code used in the project, and which is submitted, has been written by me. I have taken inspiration from other websites when it comes to design aspects, but when it comes to the app's working, everything was coded by me.
- The way I approached this problem is to design a system that has its data logic, presentation logic, and controller logic be independent of one another. By this, I mean that changes of any form to the underlying working of one of them do not affect the other. This is an important principle I learnt from the MAD and DBMS course.
- I first started with the index page, which has two links, one to log in and one to sign up.
- After Signing up, and logging in, the user is greeted with the user homepage, where he can see the show tickets he has previously booked.
- Here, the user has two links, one to log out, and the other to book tickets.
- Once the user decides to book tickets, he is greeted with a page where he can book shows. The shows are divided based on the venue. There is a search bar to narrow down shows based on their tags or venue location.
- Each show has a button to book. On clicking that, the user is directed to a page where he is given more details about the show. The user then must enter the number of tickets to book, after which his tickets are booked, and displayed on his home page.
- Next, the admin login page is made. There is no direct link to the page. I had chosen to leave it as such so that the user does not accidentally stumble upon it. The page itself can be accessed by entering the URL directly.
- Once the admin logs in, he is greeted with his home page. Here, he has links to change shows/venues, change movies, and log out.
- On the page to change venues/shows, the admin will have the option to add, edit and delete shows and venues separately.
- On the page to change movies, the admin can edit the details of the movie. The admin can also add and delete movies.
- Movies and shows have been separated in the database, leading to two different links to edit the details of the show and movie. This is done because there can be multiple shows which show the same movie.
- When it comes to the database, we have different databases for different aspects, such as movies, venues, shows, tickets, users, and admins. This is done to decrease redundancy.
- After this, I concentrated on the front end, changing the way the app looks to make it look better using CSS.
- The app is simple and easy to use.
- Link to the video:
https://drive.google.com/file/d/10RgBvXmFud_maF2jSZ9uNV1_eTFyoxak/view?usp=sharing