

PARALLAX - Team ShoeLace

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Parallax is a platform for the seamless booking of movie-tickets. The platform has been implemented using React and runs without a back-end.

It mainly contains the following screens:

- **Homepage** : It lists the **movies currently being screened** and also features a **carousel** with the trending ones.
- **Booking Screen** : The booking screen contains info about the movie and the **movie trailer**. It also has tools to allow users to **select their screening time and the seats** and shows a preview of their ticket.
- **Transaction Screen** : It facilitates payment and asks the user for relevant financial details.
- **Login Screen** : It contains fields for username and password.

Bootstrap and ReactStrap have been liberally used for creating the components. All the listings are **modular** , in the sense that one just needs to pass the trailer link , title etc. as props to render a complete site specific to each movie.

Inspiration :

Thanks to the organizers for providing the topic beforehand. We decided to go with movie-ticket booking because it would look nice with a lot of posters and trailers. The color palette was picked with black and green in mind.

Features :

- **Movie Cards** : Each movie is displayed as a Card with a satisfying entry **animation**. The cards are modular components and they **can be reused** with minimal amt. of work.
- **Seat/Timing Selector** : This allows the user to choose a seat/screening time among the numerous displayed. **Clicking the button instantly updates the ticket** and the values shown. It was implemented using a **list of button elements** and some state variables.
- **Movie Info. / Trailer** : **I-Frame** of the YouTube trailer has been embedded for the convenience of the user.

Challenges and their solutions:

- **Managing a multitude of components** : Initially we were plagued by the never-ending problem of “centering that div” but then we stuck to using **bootstrap rows and columns** everywhere.
- **Animation** : The animation didn’t work as expected at first but Stack Overflow helped us navigate the intricacies of the **AOS library**.
- **Seat/Ticket selector** : Updating the selected seat upon button click was tricky but it was solved after a careful perusal of the **scope of JavaScript variables**. In the loop to create div elements , using a const variable instead of the iterator i sorted out the main issue.

How to run:

The readMe file on gitHub provides info . regarding the same. The steps to run are:

- Download the zip file off of gitHub and extract the contents.
- While inside the extracted “hacknite” project folder, run “npm install” to get the required node modules.
- Run “npm start” to open the app on your browser. If it doesn’t automatically open a browser tab, type in “localhost:3000” in your browser address bar.

Future Scope:


The app doesn’t have a back-end and adding one to make the site dynamic is the logical step forward.

- Data related to trending movies could be managed better to create dynamically updated listings.
- Movie info could be displayed better(cast, plot etc.) using suitable APIs.
- The login based system could be managed using express-mongod , providing better post-booking services to the user.
- A full fledged payment portal could be integrated.

Screenshots:

REACT

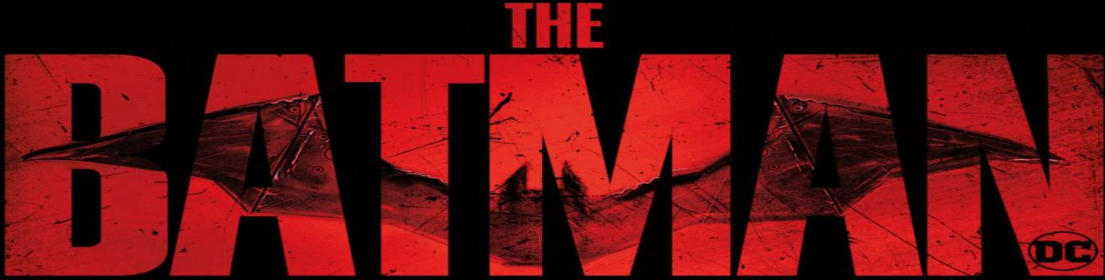
Login/SignUp



Look for your favourite movies now!!


Search

<



>


"I am vengeance! Book Batman at 50% off!"



Multiverse of Madness

Dr Stephen Strange casts a forbidden spell that opens a portal to the multiverse. However, a threat emerges that may be too big for his team to handle.


Book NOW



The Batman


Batman ventures into Gotham City's underworld when a sadistic killer leaves behind a trail of cryptic clues. Watch him beat villains to a pulp in this exciting new film.

Book NOW



Secrets of DumbleDore

Professor Albus Dumbledore knows the powerful, dark wizard Gellert Grindelwald is moving to seize control of the wizarding world. Unable to stop him alone, he entrusts magizoologist Newt Scamander to lead an intrepid team of wizards and



Your Name

Two teenagers share a profound, magical connection upon discovering they are swapping bodies. Things manage to become even more complicated when the boy and girl decide to meet in person.

[Login/SignUp](#)

Doctor Strange in the Multiverse of Madness

Dr Stephen Strange casts a forbidden spell that opens a portal to the multiverse. However, a threat emerges that may be too big for his team to handle.

2 hr 6 min
Rated 8.8 on IMDB

PICKED TIMING : 1000 hrs

1000 hrs
1200 hrs
1400 hrs
1600 hrs
1800 hrs
2000 hrs
2200 hrs

PICKED SEAT : 30

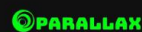
1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30

Your Ticket Details:

Doctor Strange in the Multiverse of Madness

Show Time : 1000 hrs

Seat Number : 30





Enter Credit/Debit card number:

Enter Card Holder's name:

Expiry Date

CW

Submit



Username

Password

Submit

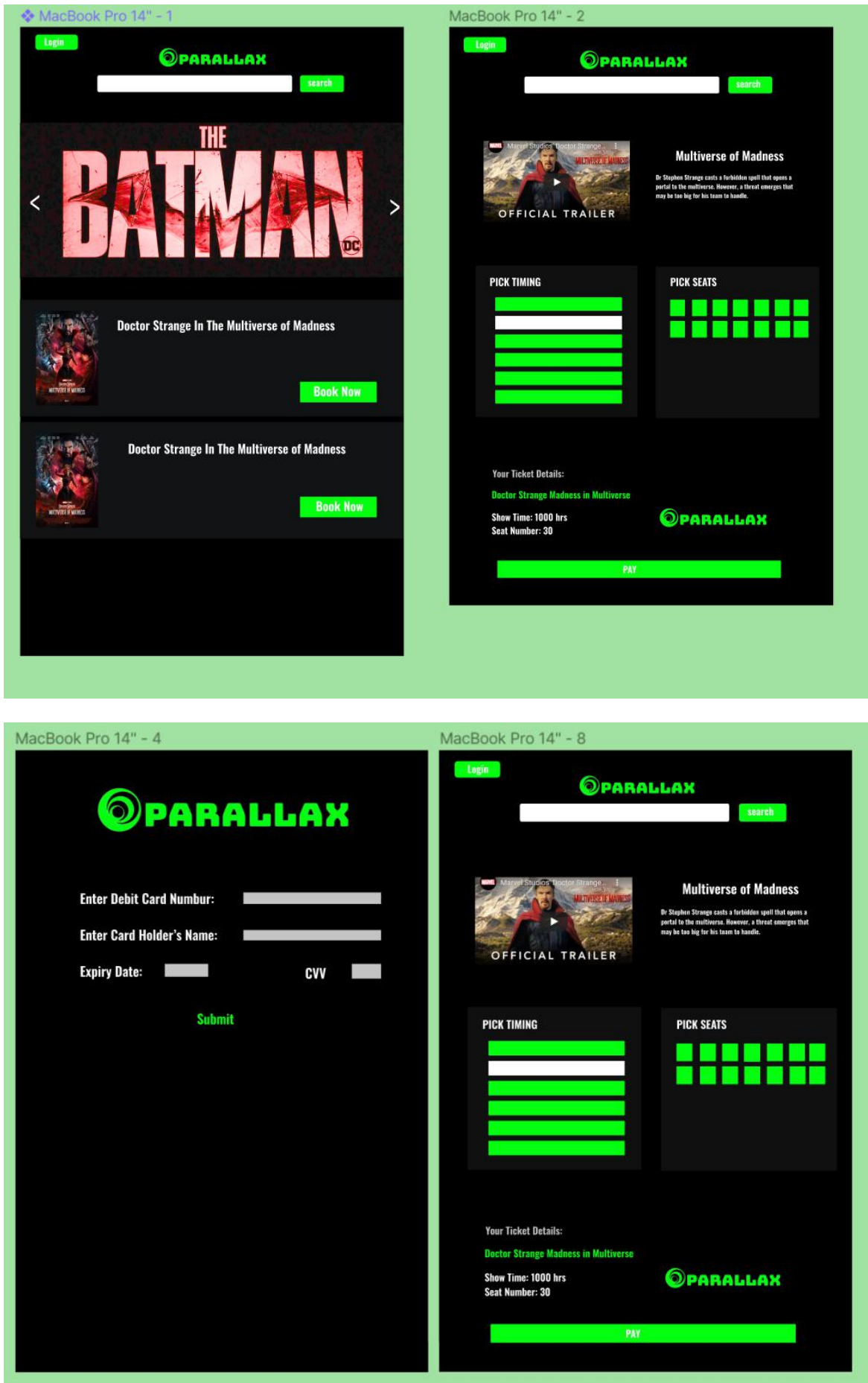


Loading please wait...


Success!

Redirecting you to the Home Page...

FIGMA



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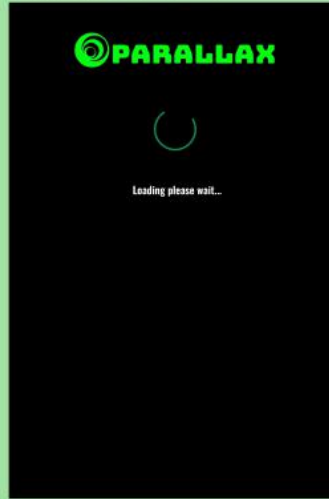


Username

Password

Submit

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