

An abstract graphic on the left side of the image. It features a dark blue semi-circle on the left, with a bright cyan diagonal line passing through it. To the right of the semi-circle, several parallel diagonal lines in shades of cyan, magenta, and blue extend towards the right edge of the frame. The background is a solid dark navy blue.

ANKITH GOUTHAM

AVINASH PAMULA

AMANDA STEAD

AARTI PANDYA

TARAQUE AHMED

Movies At a Glance

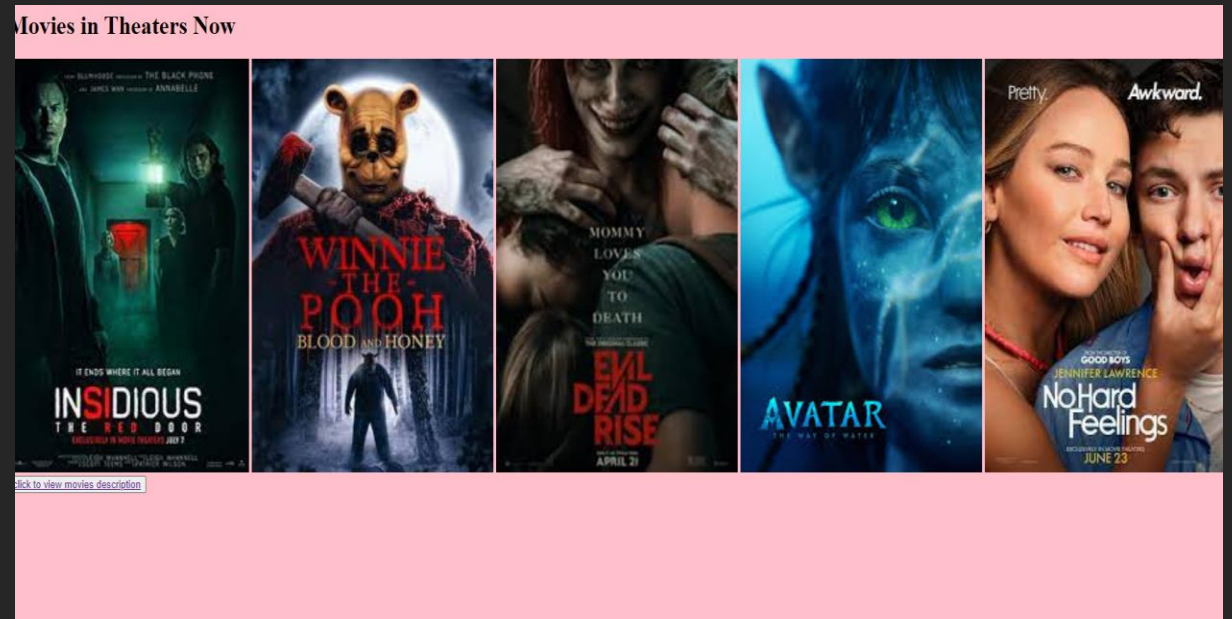
Intro

- Microservices that displays 5 movies
- Allows user to book tickets online
- Pay for the tickets
- Watch the trailers
- Find location
- View seating
- Provided with receipt

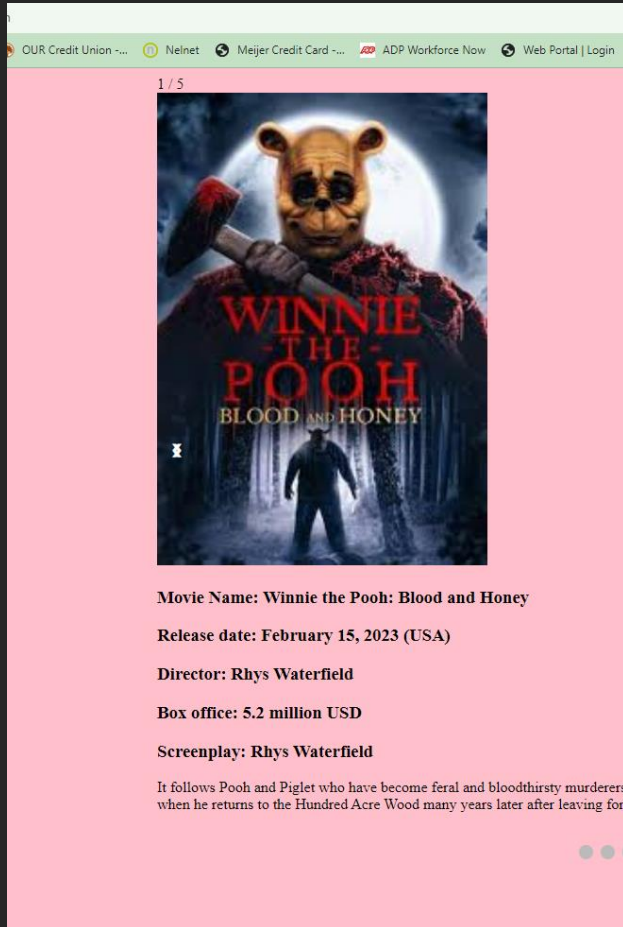
Handing off to Amanda

Display Movies

- This microservice displays 5 movies
- Returns in HTML
- Routes to another flask app (Descriptions)



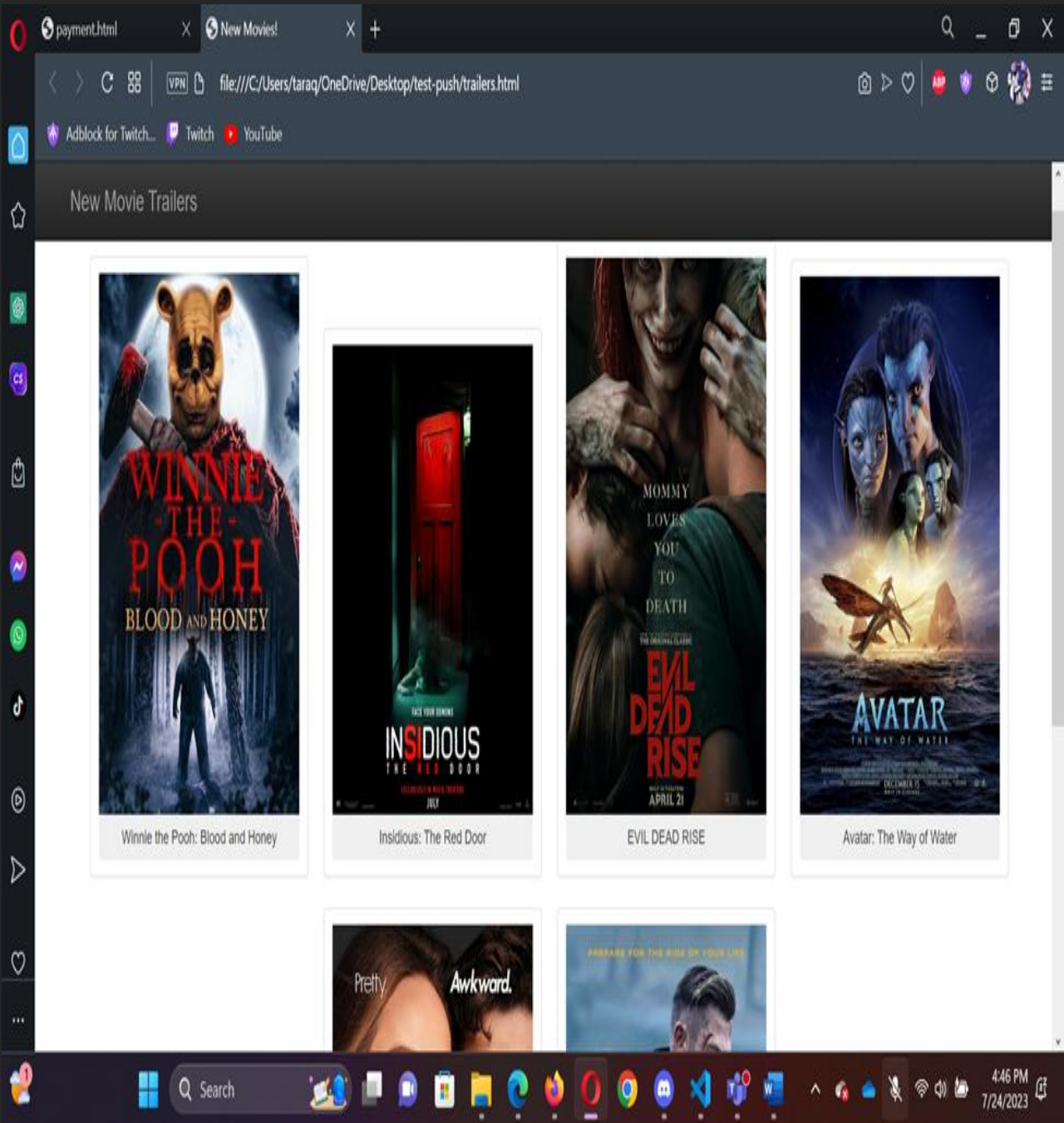
Handing off Avinash



Movie Description

- Display single movie description at a time
- You can look for other movie descriptions by clicking on below dots.
- UI displayed is written with HTML,CSS,JS
- The description file is routed from movie displays and then routed to seat selection using flask app

Handing off Taraque



Trailer

- Show's list of new movies.
- Click any movie in this list to watch trailer.
- You can watch trailer one by one.
- After you finish watching trailer pick whatever movie you want to watch.

Locations

Please check below for the nearby locations where the Movies are Streaming:

Detroit Theater

Dearborn Theater

Troy Theater

Auburn Hills Theater

Ann Arbor Theater

[Click to Select Date and Time](#)

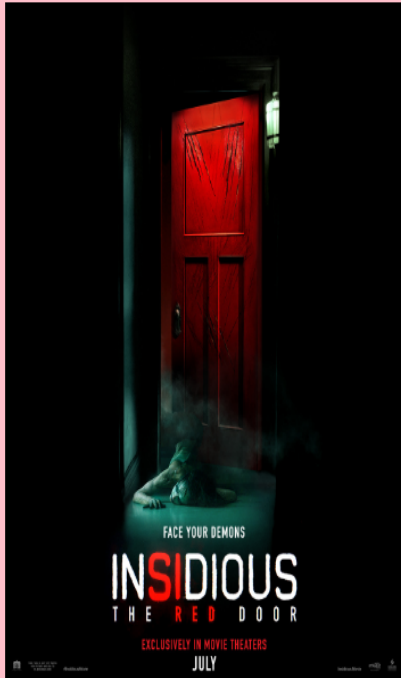
- Shows the available locations where the movies are streaming.
- User can check their nearby theaters and proceed to select Date and Time.
- UI displayed is written with HTML,CSS,JS and routed using flask app.

Handing off to Ankith

Date/Times Available For Next 3 Days

PLEASE NOTE THAT WE ONLY SHOW BOOKINGS 3 DAYS IN A ROW

Date/Times For (Insidious):



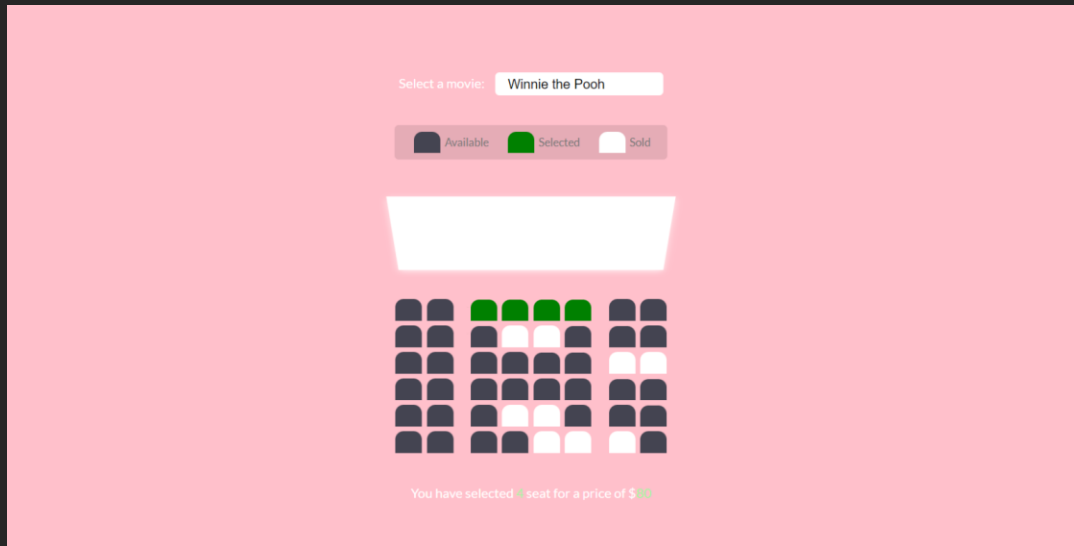
Mon	Tue	Wed
2:30PM	3:30PM	4:30PM
3:45PM	4:45PM	5:55PM
4:45PM	5:45PM	6:55PM

Date/Time

- Shows movies independently
- Shows viewings for the next 3 days
- Same movies in other slides to maintain consistency
- Leads into snacks.

Handing off to Avinash

Seat Selection



- Page displays seat selection option for selected movie from drop down along with ticket prices.
- UI is based on HTML,CSS,JS
- Allows user to select seats and shows occupied, available & selected seats.
- The seat selection file is routed in flask app

Snacks

STUDENTS GET A 10% STUDENT DISCOUNT OFF OF ALL SNACKS

Popcorn:

(L gets 1 refill, XL Gets unlimited free refills!)

S	M	L	XL
\$4.99	\$9.99	\$14.99	\$19.99

Chips:

S	M	L	XL
\$2.99	\$4.99	\$6.99	\$8.99

Soda:

(60ML gets 1 refill, 80ML Gets unlimited free refills!)

20ML	40ML	60ML	80ML
\$3.99	\$5.99	\$7.99	\$9.99

Candy:

S	M	L	XL
\$1.99	\$3.99	\$5.99	\$7.99

French Fries:

S	M	L	XL
\$5.99	\$8.99	\$11.99	\$14.99

Wings:

Snacks

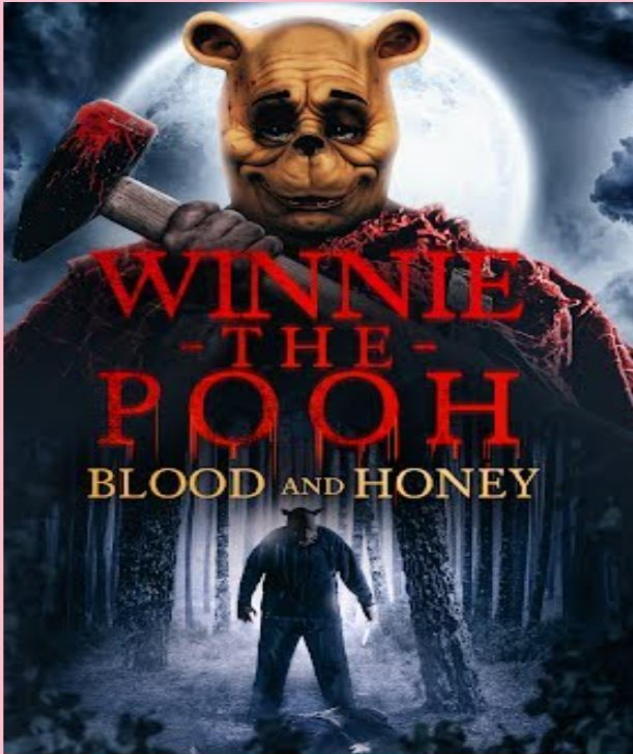
- Shows a variety of options for snacks
- Different sizes are given, alongside prices
- Different deals are offered for some items
- Student discount is 10% sitewide for snacks

Handing off to Aarti

Booking

Booking Details:

Aarti has booked three ticket seats 5A, 5B and 5C for "Winnie the Pooh" movie on Tuesday at 3:30PM.



- Displays the booking details of the user.
- Shows name of the user, number of tickets, seat number, movie name, day and time of the movie along with the poster of the movie.
- Leads to payment service.

Handing off to Taraque

payment.html × New Movies! × +

file:///C:/Users/taraq/OneDrive/Desktop/test-push/payment.html

Adblock for Twitch... Twitch YouTube

Credit Card Debit Card Internet Banking Visa/Master Card

Payment

Card Number

Enter Card Number

Expiration Date

CVV/CVC

Card Holder Name

Enter Card Holder Name Submit Reset

Payment

- Credit card
- Debit Card
- Internet Banking
- Visa/Master card
- Pick any off this to pay you bill

Handing off to Amanda

Receipt

- Submitted to client after purchase
- Returns HTML
- Routes from payment microservice

Thank You For Your Payment

A Receipt Has Been Emailed to You With Your ETickets Attached.

Enjoy the Show and Please Leave a Review For a Chance to Win 2 Free Movie Tickets On Us!!



Resources and Tools

- Agile methodology: Jira
- Docker Hub to containerize
- Kubernetes
- Flask App
- HTML
- CSS
- Java script
- Python
- Git hub
- Py charm & VS code

Demo

