

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, there are several parallel diagonal lines in various colors (cyan, magenta, blue) that create a sense of depth and movement. The background is a dark gradient.

ANKITH GOUTHAM

AVINASH PAMULA

AMANDA STEAD

AARTI PANDYA

TARAQUE AHMED

Movies At a Glance

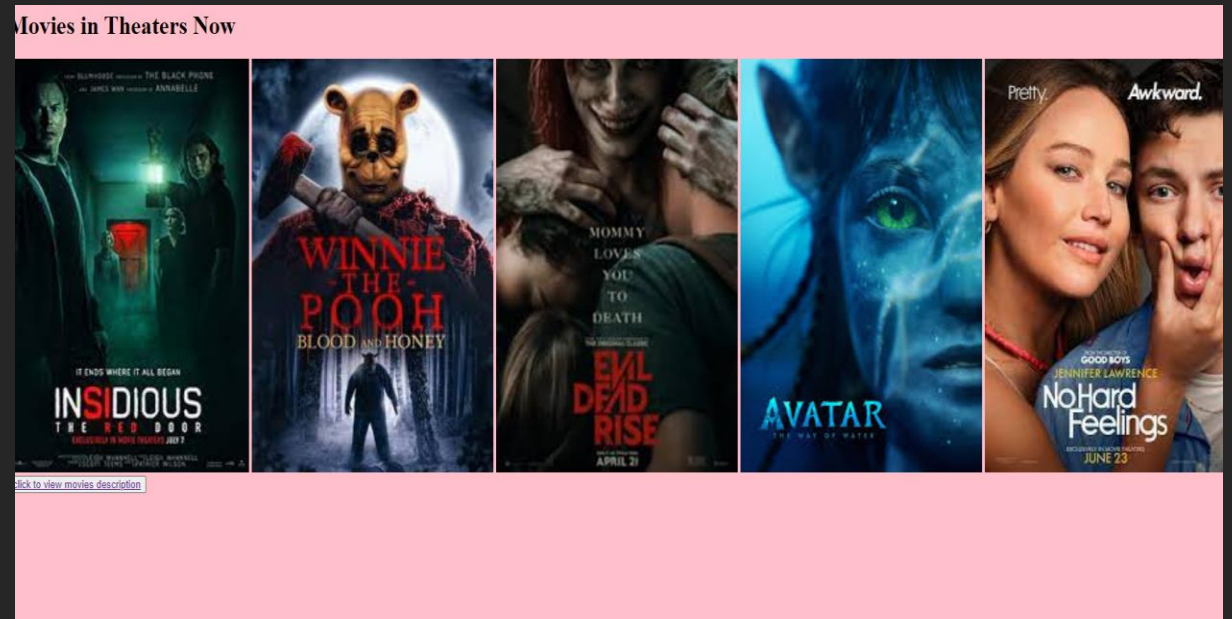
Intro

- 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

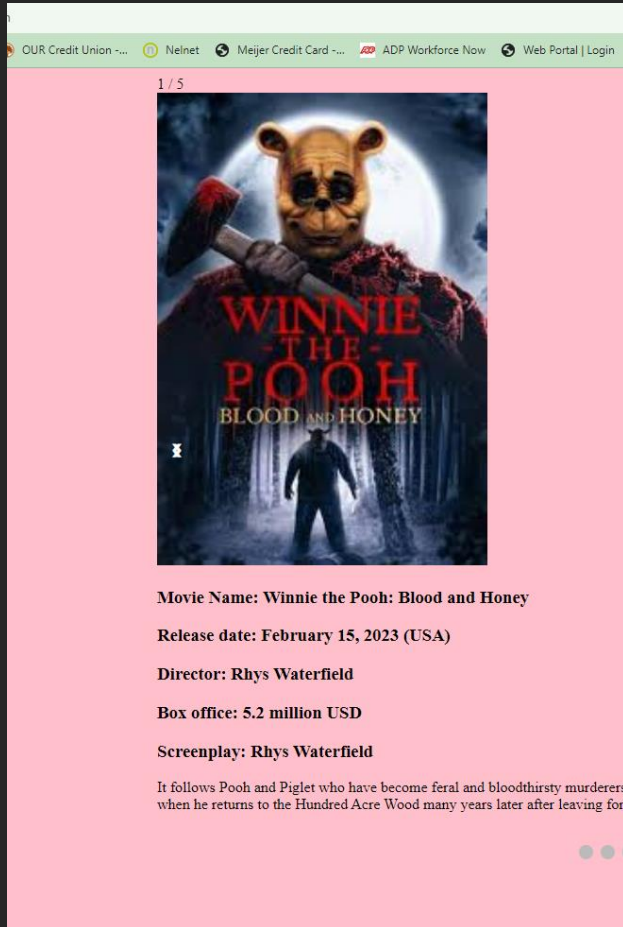
Handing off to Amanda

Display Movies

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



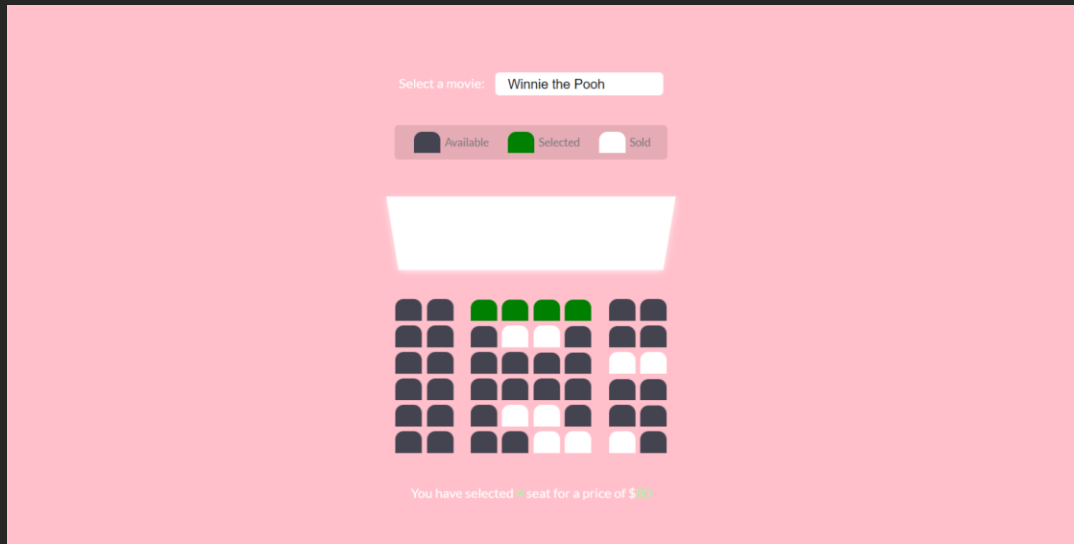
Handing off Avinash



Movie Description

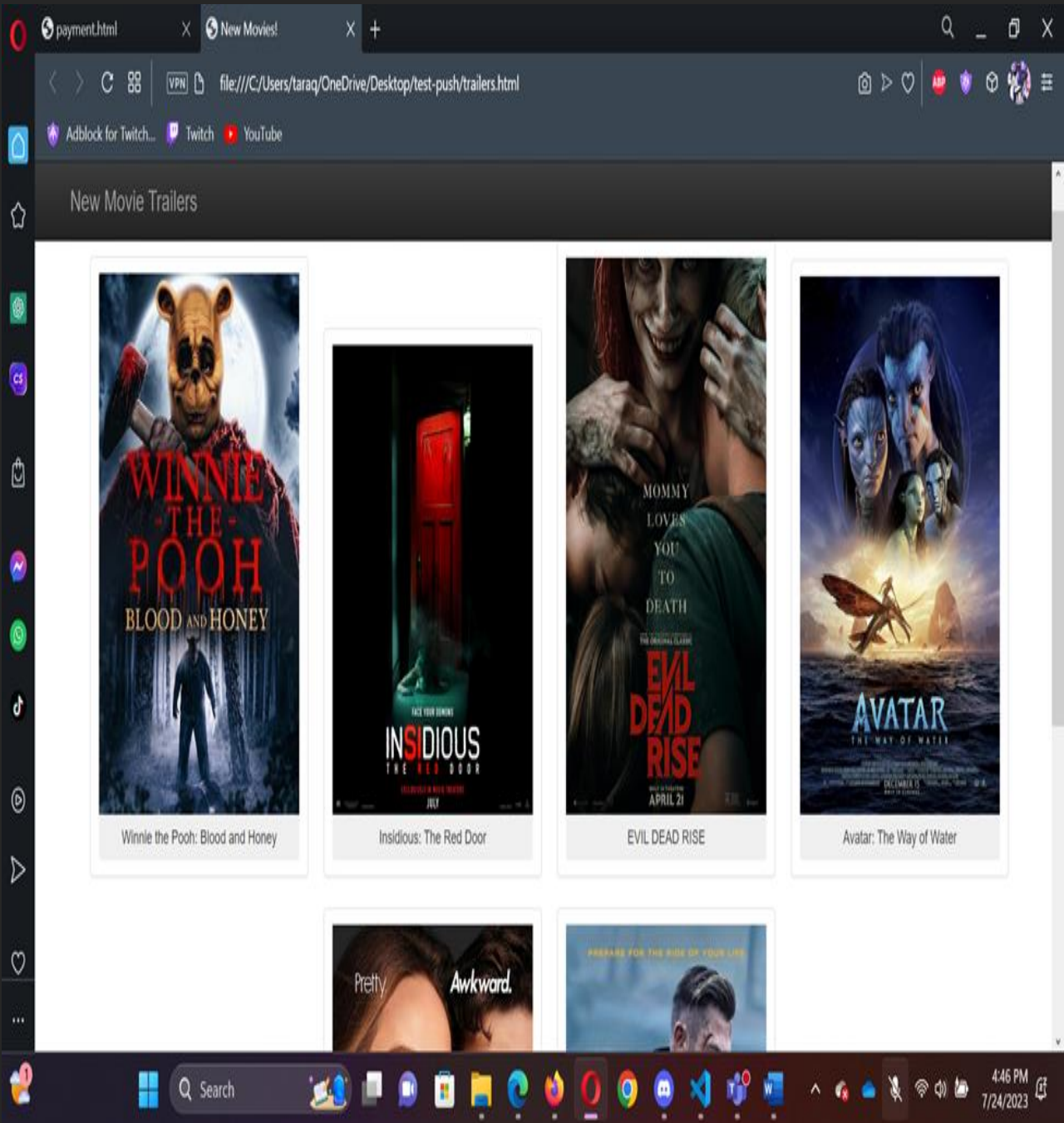
- Display single movie description at a time
- You can look for other movie descriptions by clicking on below dots.
- UI displayed is written with HTML,CSS,JS
- The description file is routed from movie displays and then routed to seat selection using flask app

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

Handing off to 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.

Handing off to Aarti

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](#)

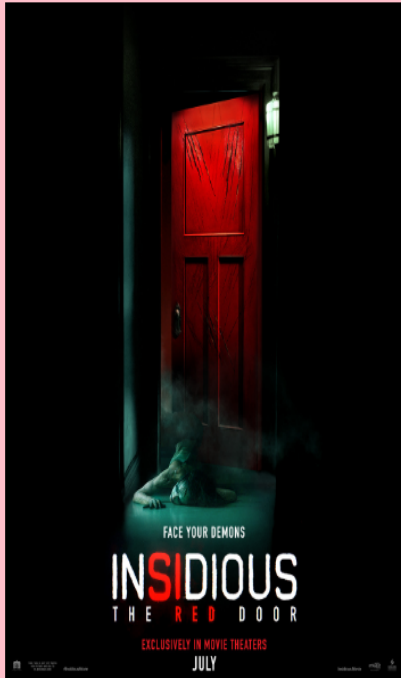
- Shows the available locations where the movies are streaming.
- User can check their nearby theaters and proceed to select Date and Time.
- UI displayed is written with HTML,CSS,JS and routed using flask app.

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 Taraque

The screenshot shows a web browser window with two tabs: 'payment.html' and 'New Movies!'. The address bar shows the file path: 'file:///C:/Users/taraq/OneDrive/Desktop/test-push/payment.html'. Below the address bar, there are links for 'Adblock for Twitch...', 'Twitch', and 'YouTube'. The main content area is titled 'Payment' and contains four radio buttons: 'Credit Card', 'Debit Card', 'Internet Banking', and 'Visa/Master Card'. Below these, there are three input fields: 'Card Number' (with placeholder text 'Enter Card Number'), 'Expiration Date' (with placeholder text '.....' and a calendar icon), and 'CVV/CVC'. Below these, there is a 'Card Holder Name' label and an input field with placeholder text 'Enter Card Holder Name'. At the bottom of the form, there are 'Submit' and 'Reset' buttons. The browser's taskbar at the bottom shows a notification for 'High Pollen tomorrow' and several application icons.

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

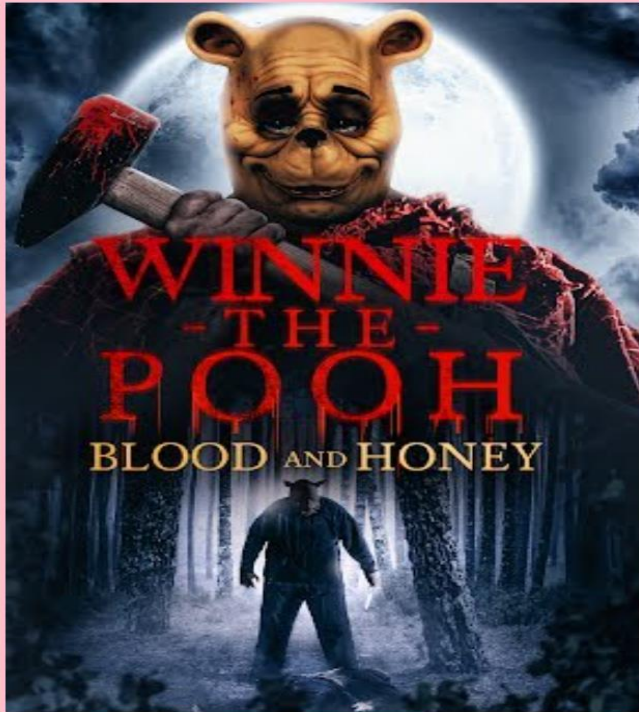
- Credit card
- Debit Card
- Internet Banking
- Visa/Master card
- Pick any off this to pay you bill

Hand
ing off to Aarti

Booking Successful!!!

Booking Details:

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



Booking

- 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 receipt microservice.

Handing off to Ankith

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 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

