Movies At a Glance

ANKITH GOUTHAM

AVINASH PAMULA

AMANDA STEAD
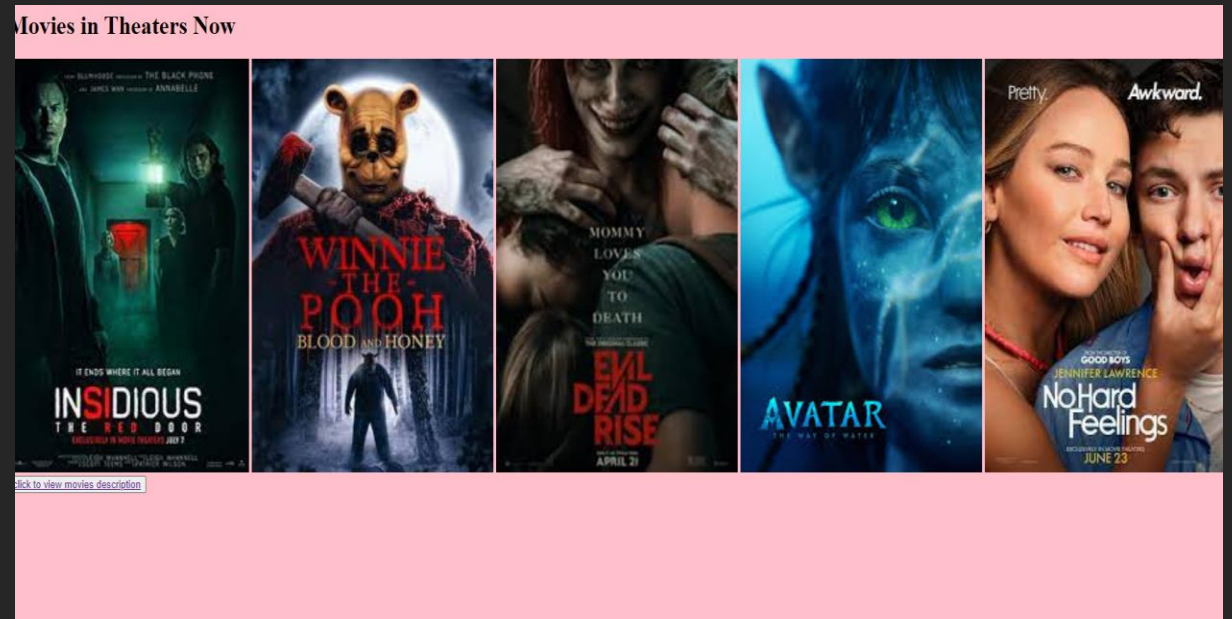
AARTI PANDYA

TARAQUE AHMED

Intro

- Microservices that displays 5 movies

- Allows user to book tickets online

- Pay for the tickets

- Watch the trailers

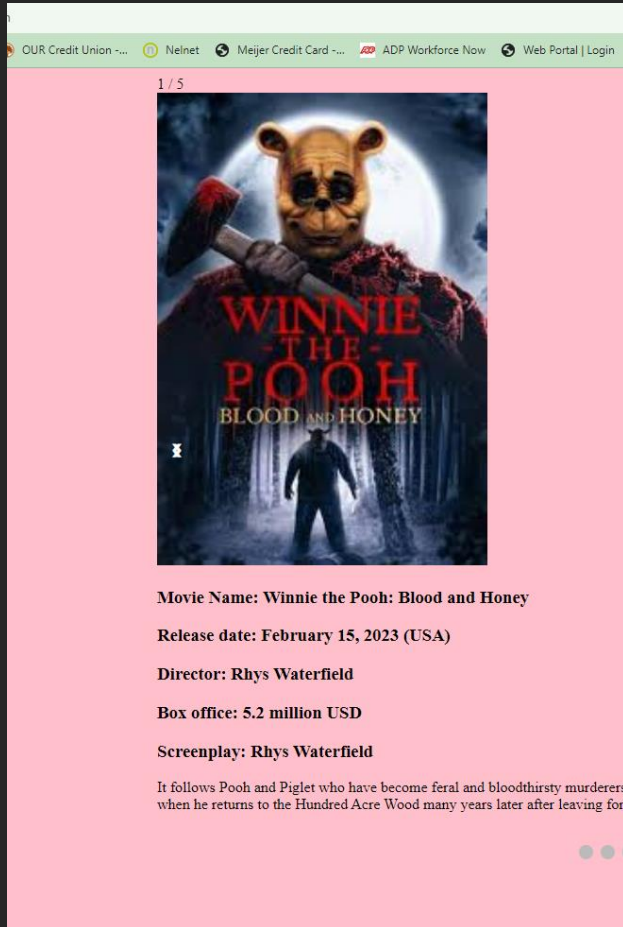- Find location

- View seating

- Provided with receipt

Handing off to Amanda

Display Movies

- This microservice displays 5 movies

- Returns in HTML

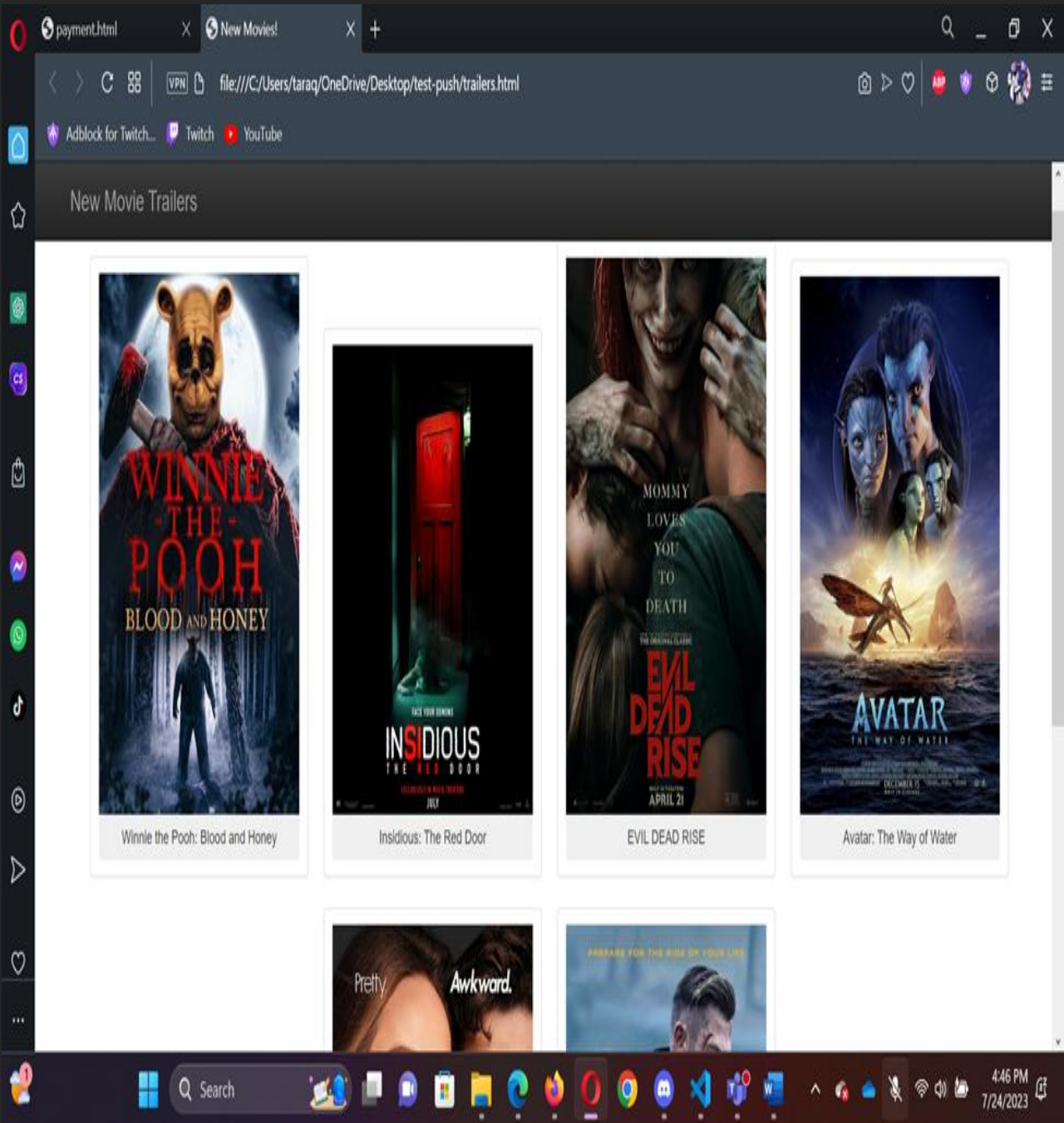- Routes to another flask app (Descriptions)

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.

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
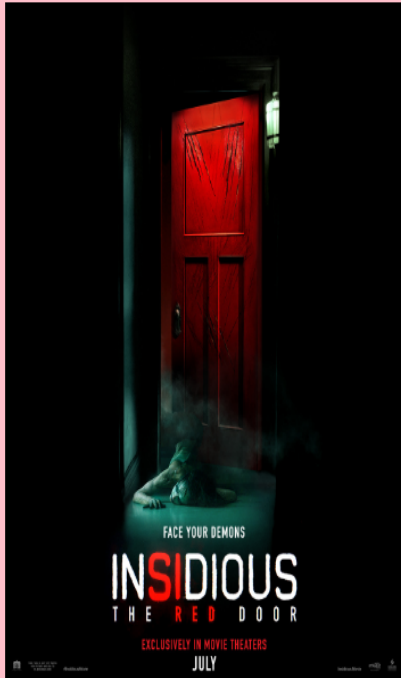
Click to Select Date and Time

- 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/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
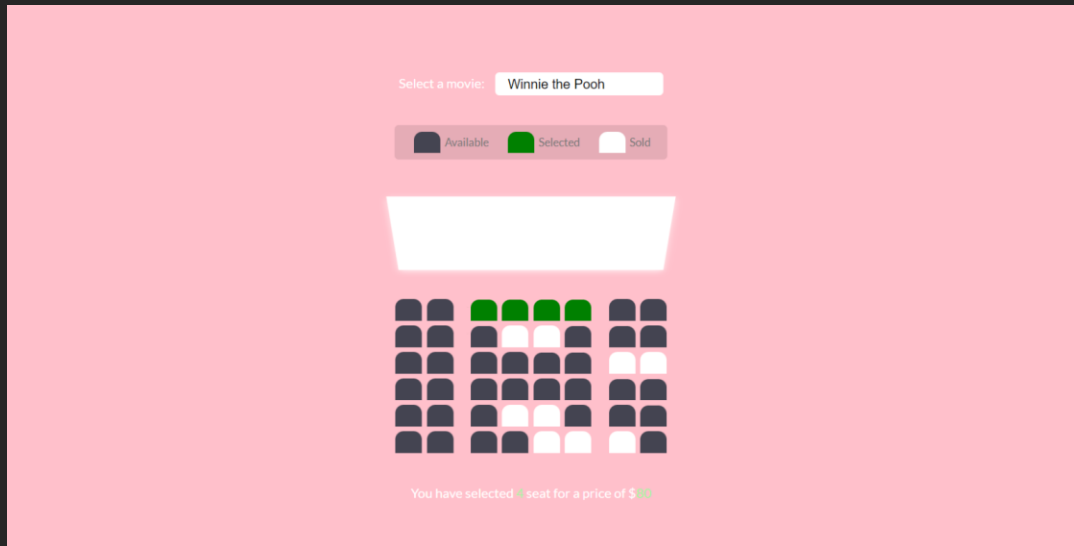
- Page displays seat selection option for selected movie from drop down along with ticket prices.

- UI is based on HTML,CSS,JS

- Allows user to select seats and shows occupied, available & selected seats.

- The seat selection file in routed in flask app

Snacks

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:

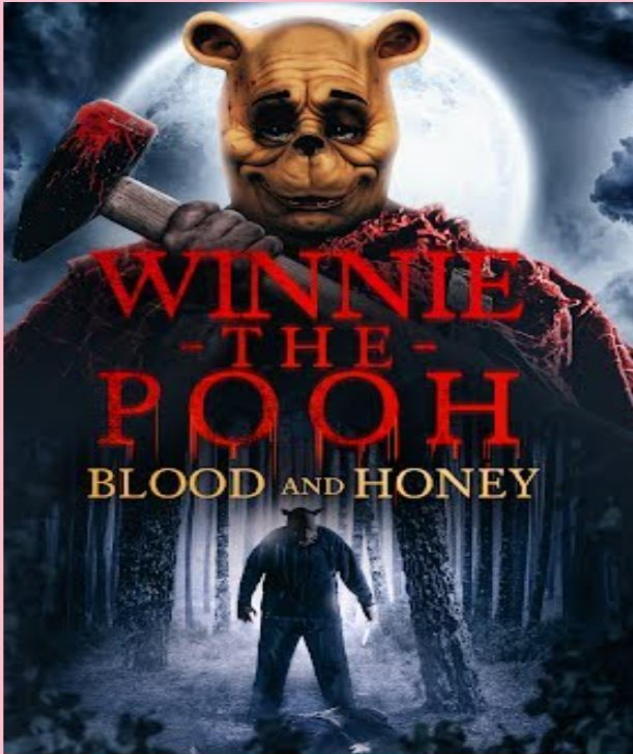| S	M	L	XL
$5.99	$8.99	$11.99	$14.99

Wings:

- 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

- 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

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