

PROFESSIONAL TRAINING REPORT

at

Sathyabama Institute of Science and Technology (Deemed to be University)

Submitted in partial fulfillment of the requirements for the award of
Bachelor of Technology in Information Technology

By

KIRAN.K - REG. NO. 39120054



DEPARTMENT OF INFORMATION TECHNOLOGY

SCHOOL OF COMPUTING

**SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY
JEPPIAAR NAGAR, RAJIV GANDHI SALAI,
CHENNAI - 600119, TAMILNADU**

APRIL 2022

**SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY**

(DEEMED TO BE UNIVERSITY)

Accredited with Grade "A" by NAAC

(Established under Section 3 of UGC Act, 1956)

JEPPIAAR NAGAR, RAJIV GANDHI SALAI

CHENNAI-600119 www.sathyabama.ac.in

BONAFIDE CERTIFICATE

This is to certify that this Project Report is the bonafide work of
KIRAN.K (Reg. No: 39120054) who carried out the project entitled “**MOVIES
AND TV SERIES APPLICATION**” under my supervision from March2022 to
April2022 **DEPARTMENT OF INFORMATION TECHNOLOGY**

Internal Guide

Dr.P.JEYANTHI

Head of the Department

Dr.R.SUBASHINI, M.E.,Ph.D.,

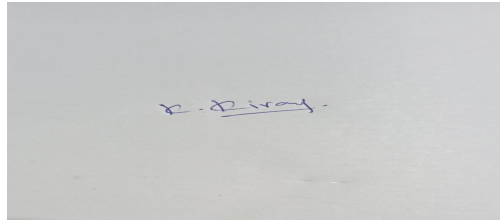
Submitted for Viva voce Examination held on _____

INTERNAL EXAMINER

EXTERNAL EXAMINER

DECLARATION

I, **KIRAN.K** hereby declare that the project report entitled “Movies And TV Series Application” done by me under the guidance of **DR.P.JEYANTHI** is submitted in partial fulfillment of the requirements for the award of Bachelor of Technology Degree in Information and Technology

A rectangular box containing a handwritten signature in blue ink. The signature appears to be 'K. Kiran'.

DATE:21/04/2022

PLACE:Chennai

SIGNATURE OF THE CANDIDATE

Acknowledgement

I am pleased to acknowledge my sincere thanks to **Board of Management of SATHYABAMA** for their kind encouragement in doing this project and for completing it successfully. I am grateful to them.

I convey my thanks to Dr. **T. Sasikala M.E., Ph.D.** Dean, School of Computing, Dr. **R. Subhashini, M.E., Ph.D.** Heads of the **Department of Information Technology** for providing me necessary support and details at the right time during the progressive reviews.

I would like to express my sincere and deep sense of gratitude to my Project Guide **Dr.P.JEYANTHI** for her valuable guidance, suggestions and constant encouragement paved way for the successful completion of my project work

. I wish to express my thanks to all Teaching and Non-teaching staff members of the **Department of Information and Technology** who were helpful in many ways for the completion of the project.

TRAINING CERTIFICATE



ABSTRACT

This is a application made using HTML, CSS, javascript.

New media is a creating new world and changing our daily lives. Internet is changing Indian cineme very rapidly. There are several new technologies, which are used by audience to watch movies and documentaries on their personal gadgets. Netflix , Amezon prime, Hotstar, zee5 and ALT Balaji, jio TV are some examples, which are providing movies and other video content through internet. These platforms are new convergence of television and cinema. Some new ventures are producing video content for these internet platforms only.

Now audience can watch new movies, web series, documentaries, news and short films on their convenient timing at reasonable price on there new media platforms. These new ventures are changing Indian television and cinema are changing due to new online platforms and how youth is using these new digital platforms for video content watching.

This study analyse the video content watching habits of the youth and try to find out the changes in television and cinema watching trends in youth. This study is based on survey method to know the vedio content watching habits of youths through online platforms

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CHAPTER-1

1.1 AIM

The aim of this project is to develop a Movie & TV series Application using React.js,

New media is a creating new world and changing our daily lives. Internet is changing Indian cineme very rapidly. There are several new technologies, which are used by audience to watch movies and documentaries on their personal gadgets. Netflix , Amezon prime, Hotstar, zee5 and ALT Balaji, jio TV are some examples, which are providing movies and other video content through internet. These platforms are new convergence of television and cinema. Some new ventures are producing video content for these internet platforms only.

Web applications have become the primary necessity for modern consumers. They help our customers to get their necessary products or service in a short time. The incorporation of technology in our day to day services like paying bills to booking cabs involves complex procedures and innumerable iterations to serve customers efficiently.

1.2 SCOPE

- In Future we will give facility of online donation
- We will include more functionality as per user requirement.
- Not a single website is ever consider as complete forever firstly because there is always something new requirements also are growing day by day
- We want to improved our UI page, as it is the main thing which attracts all users

CHAPTER-2

2.1 LANGUAGES USED

I were used HTML, CSS and javascript as it is languages to make a application.

2.2 SOFTWARE REQUIRED

- Windows 10
- Visual studio code
- Google chrome

WINDOWS 10

Windows 10 is a microsoft operating system for personal computers, tablets, embedded devices and internet of things device.

VISUAL STUDIO CODE

It is software we used it for entering code of HTML with extension of .html and CSS with extension of .css and Javascript with extension of .js, in this editor we can find our error in easy way and we can reuse our code whenever we need to use.

REACT APP

It is software we used to run a code for output of our application creation project, we always used to run a code defaultly in React App, after entering a code in visual studio code.

2.3 HARDWARE REQUIRED

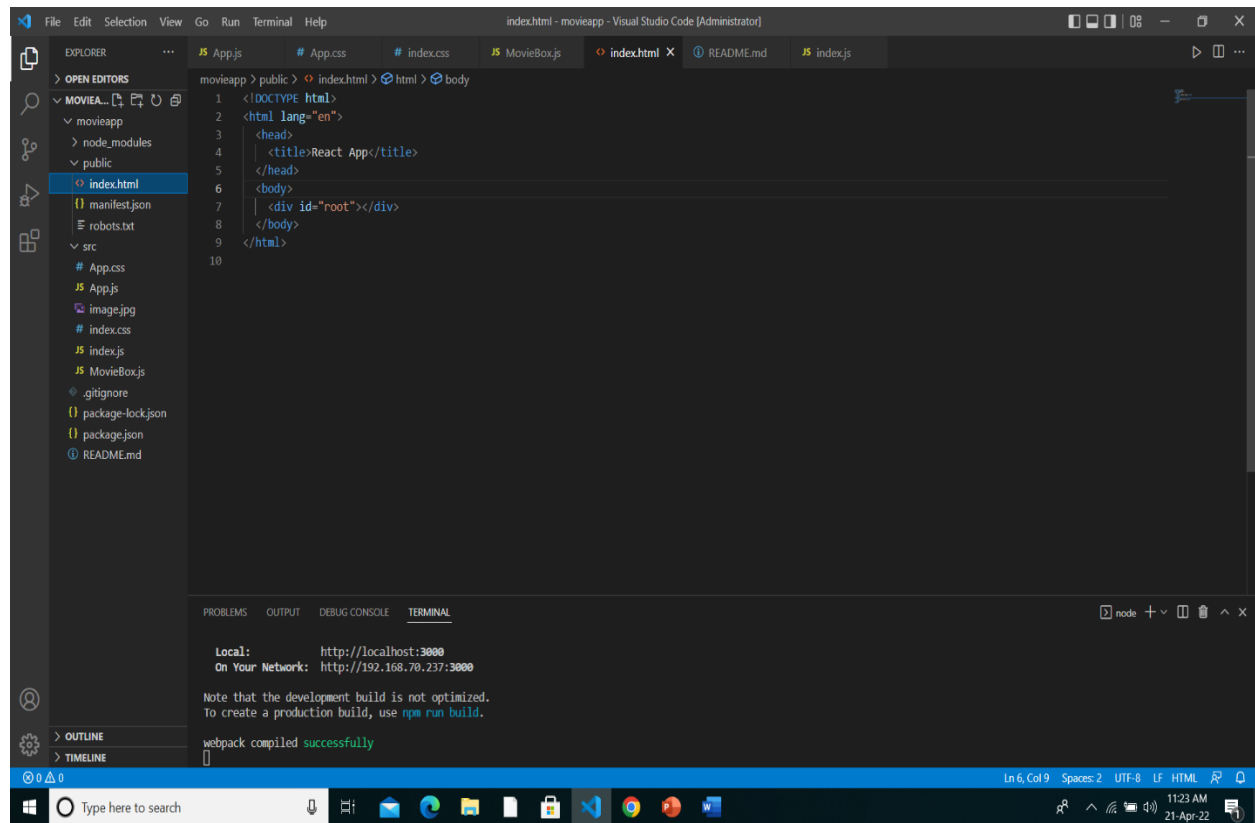
In terms of hardware requirements there is not much required at all but still below requirements are must :

- Working PC or Laptop
- Mouse
- Monitor
- Keyboard
- Processor- Dual core or Above

CHAPTER-3

3.1 SOURCE CODE

INDEX.THML

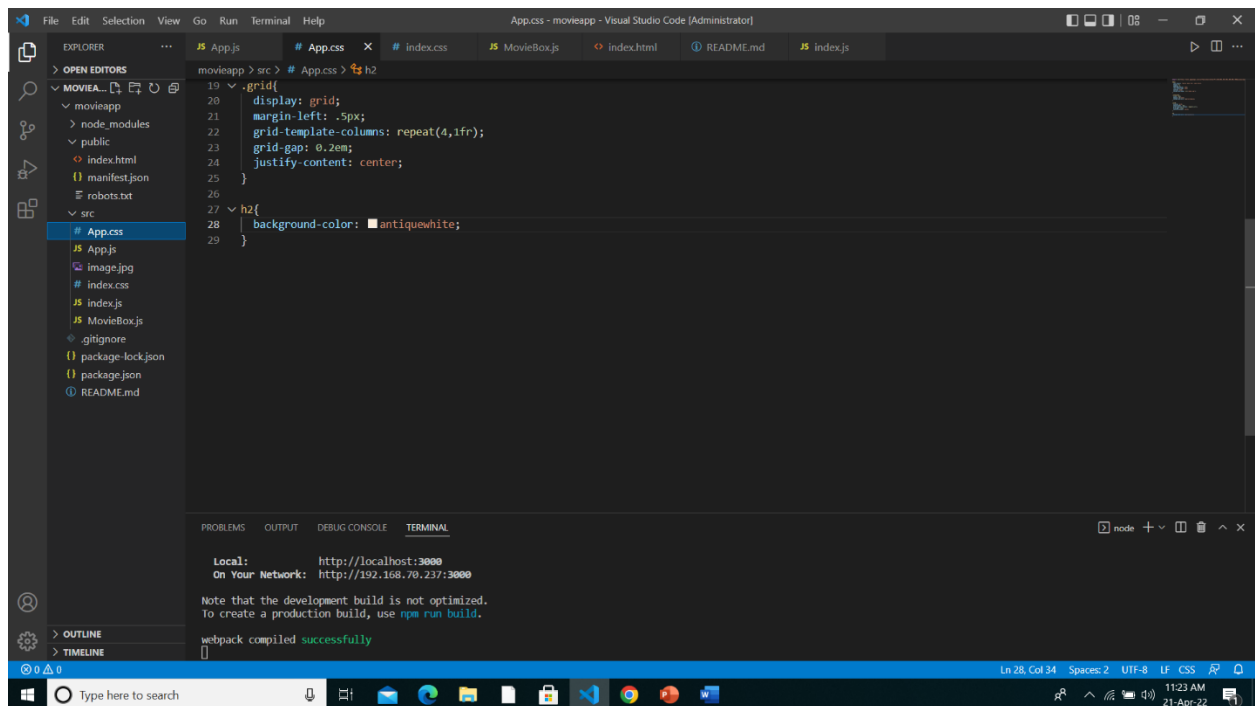


The screenshot shows the Visual Studio Code editor with the following details:

- Explorer Panel:** Displays the file structure of the 'movieapp' project. The 'public' directory is expanded, showing 'index.html' as the selected file. Other files include 'manifest.json', 'robots.txt', 'src', 'App.css', 'App.js', 'image.jpg', 'index.css', 'index.js', 'MovieBox.js', '.gitignore', 'package-lock.json', 'package.json', and 'README.md'.
- Editor Panel:** Shows the content of 'index.html'. The code is as follows:

```
1 <!DOCTYPE html>
2 <html lang="en">
3   <head>
4     <title>React App</title>
5   </head>
6   <body>
7     <div id="root"></div>
8   </body>
9 </html>
10
```
- Terminal Panel:** Displays the output of the development server. It shows the local URL 'http://localhost:3000' and the network URL 'http://192.168.70.237:3000'. A message states: 'Note that the development build is not optimized. To create a production build, use npm run build.' Below this, it says 'webpack compiled successfully'.

APP.CSS



```
File Edit Selection View Go Run Terminal Help
App.css - movieapp - Visual Studio Code [Administrator]

EXPLORER
MOVIEAPP
  movieapp
    node_modules
    public
      index.html
      manifest.json
      robots.txt
    src
      App.css
      App.js
      image.jpg
      index.css
      index.js
      MovieBox.js
      .gitignore
      package-lock.json
      package.json
      README.md

OPEN EDITORS
App.css x # index.css JS MovieBox.js index.html README.md JS index.js

movieapp > src > # App.css > h2
19 .grid
20   display: grid;
21   margin-left: 5px;
22   grid-template-columns: repeat(4,1fr);
23   grid-gap: 0.2em;
24   justify-content: center;
25 }
26
27 h2{
28   background-color: antiquewhite;
29 }
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

node + - - - - x

Local: http://localhost:3000
On Your Network: http://192.168.70.237:3000

Note that the development build is not optimized.
To create a production build, use `npm run build`.

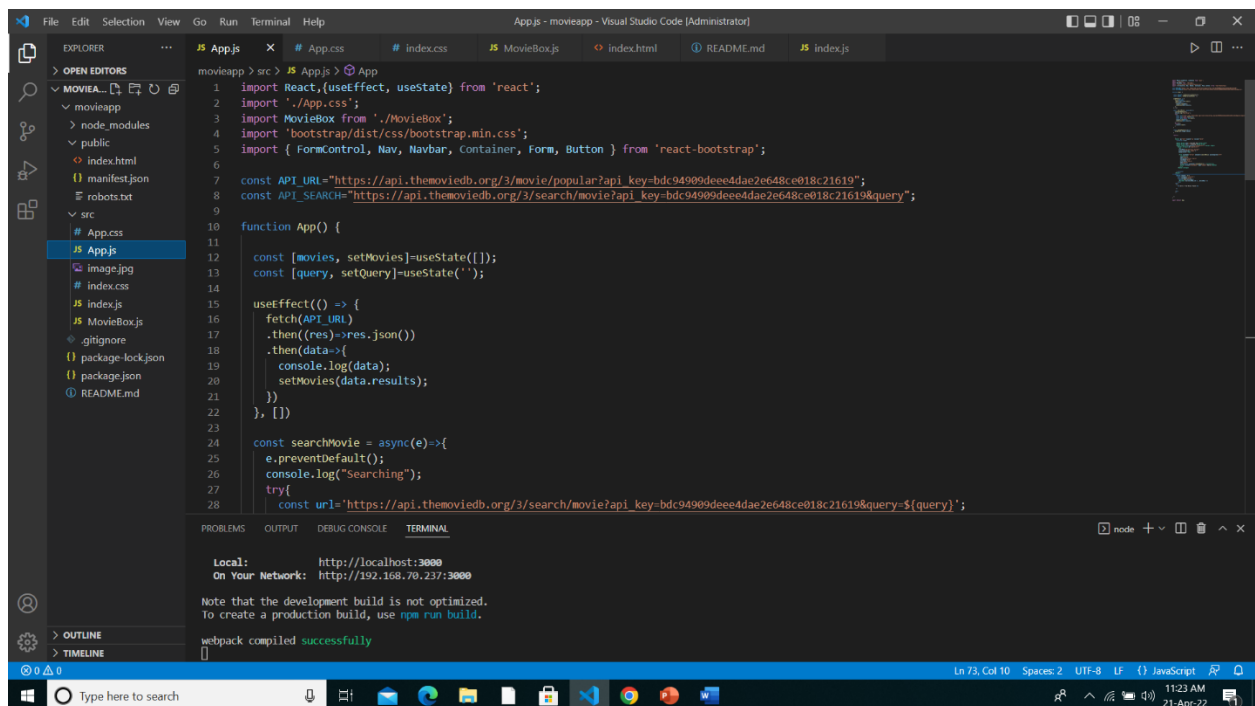
webpack compiled successfully

Ln 28, Col 34 Spaces: 2 UTF-8 LF CSS R

Type here to search

11:23 AM 21-Apr-22

APP.JS



```
File Edit Selection View Go Run Terminal Help
App.js - movieapp - Visual Studio Code [Administrator]

EXPLORER
MOVIEAPP
  movieapp
    node_modules
    public
      index.html
      manifest.json
      robots.txt
    src
      App.css
      App.js
      image.jpg
      index.css
      index.js
      MovieBox.js
      .gitignore
      package-lock.json
      package.json
      README.md

OPEN EDITORS
App.js x # App.css # index.css JS MovieBox.js index.html README.md JS index.js

movieapp > src > # App.js > App
1 import React,{useEffect,useState} from 'react';
2 import './App.css';
3 import MovieBox from './MovieBox';
4 import 'bootstrap/dist/css/bootstrap.min.css';
5 import { FormControl, Nav, Navbar, Container, Form, Button } from 'react-bootstrap';
6
7 const API_URL="https://api.themoviedb.org/3/movie/popular?api_key=bd94909deee4dae2e648ce018c21619";
8 const API_SEARCH="https://api.themoviedb.org/3/search/movie?api_key=bd94909deee4dae2e648ce018c21619&query=";
9
10 function App() {
11
12   const [movies, setMovies]=useState([]);
13   const [query, setQuery]=useState("");
14
15   useEffect(() => {
16     fetch(API_URL)
17       .then((res)->res.json())
18       .then(data=>{
19         console.log(data);
20         setMovies(data.results);
21       })
22   }, [])
23
24   const searchMovie = async(e)=>{
25     e.preventDefault();
26     console.log("Searching");
27     try{
28       const url=`https://api.themoviedb.org/3/search/movie?api_key=bd94909deee4dae2e648ce018c21619&query=${query}`;
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

node + - - - - x

Local: http://localhost:3000
On Your Network: http://192.168.70.237:3000

Note that the development build is not optimized.
To create a production build, use `npm run build`.

webpack compiled successfully

Ln 73, Col 10 Spaces: 2 UTF-8 LF JavaScript R

Type here to search

11:23 AM 21-Apr-22

The screenshot shows a VS Code editor window titled 'App.js - movieapp - Visual Studio Code [Administrator]'. The Explorer sidebar on the left displays the project structure, with 'App.js' selected under the 'src' directory. The main editor area shows the code for 'App.js', which includes a fetch call to a movie API and a render method. The Terminal at the bottom shows the output of running 'npm run build', indicating a successful build. The status bar at the very bottom shows 'Ln 73, Col 10' and the file encoding as 'UTF-8'.

```

28  const url="https://api.themoviedb.org/3/search/movie?api_key=bdc94909ddee4dae2e648ce918c21619&query=${query}";
29
30  const res= await fetch(url);
31  console.log(data);
32  setMovies(data.results);
33  }
34  catch(e){
35    console.log(e);
36  }
37  }
38
39  const handleChange=(e)=>{
40    setQuery(e.target.value);
41  }
42
43  return (
44    <
45      <Navbar bg="dark" expand="lg" variant="dark">
46        <container fluid>
47
48          <Navbar.Brand href="">MovieDb App</Navbar.Brand>
49          <Navbar.Brand href="">Trending</Navbar.Brand>
50          <Navbar.Toggle aria-controls="navbarScroll"></Navbar.Toggle>
51          <Navbar.Collapse id="nabarScroll">
52            <Nav
53              className="me-auto my-2 my-lg-3"
54              style={{border: 1px solid black}}
55            >

```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

Local: http://localhost:3000
On Your Network: http://192.168.70.237:3000

Note that the development build is not optimized.
To create a production build, use `npm run build`.

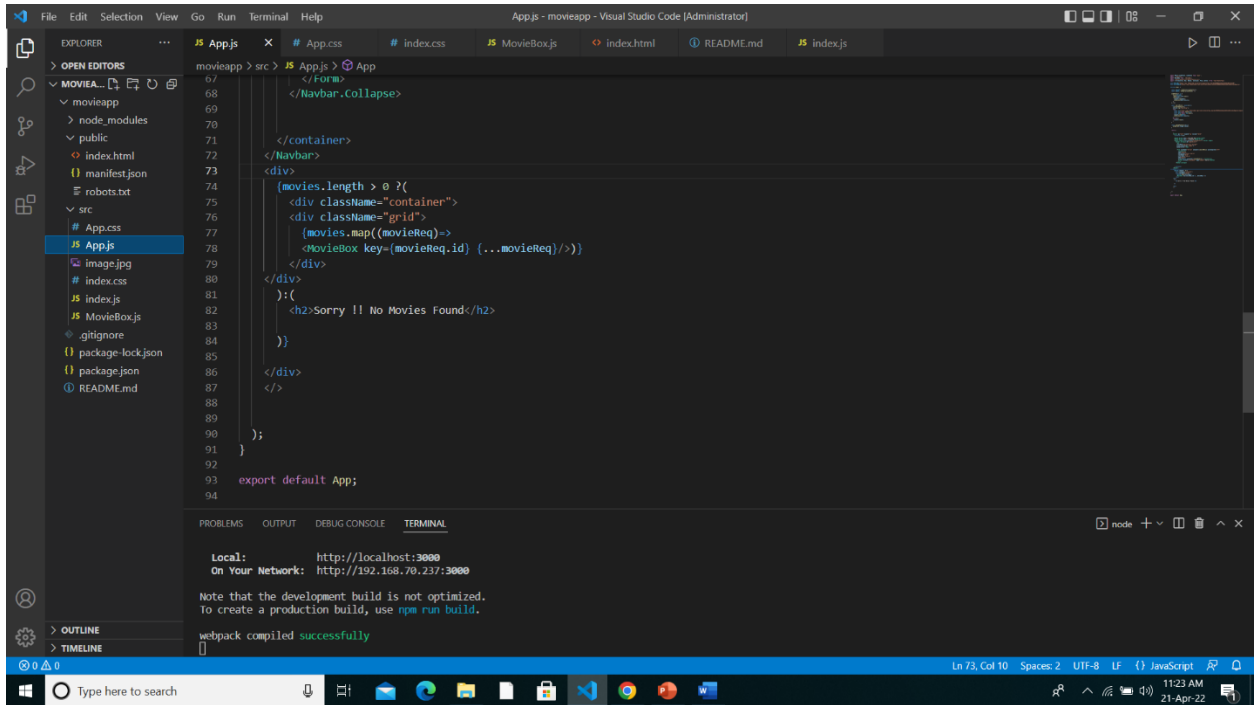
webpack compiled successfully

Ln 73, Col 10 Spaces: 2 UTF-8 LF JavaScript

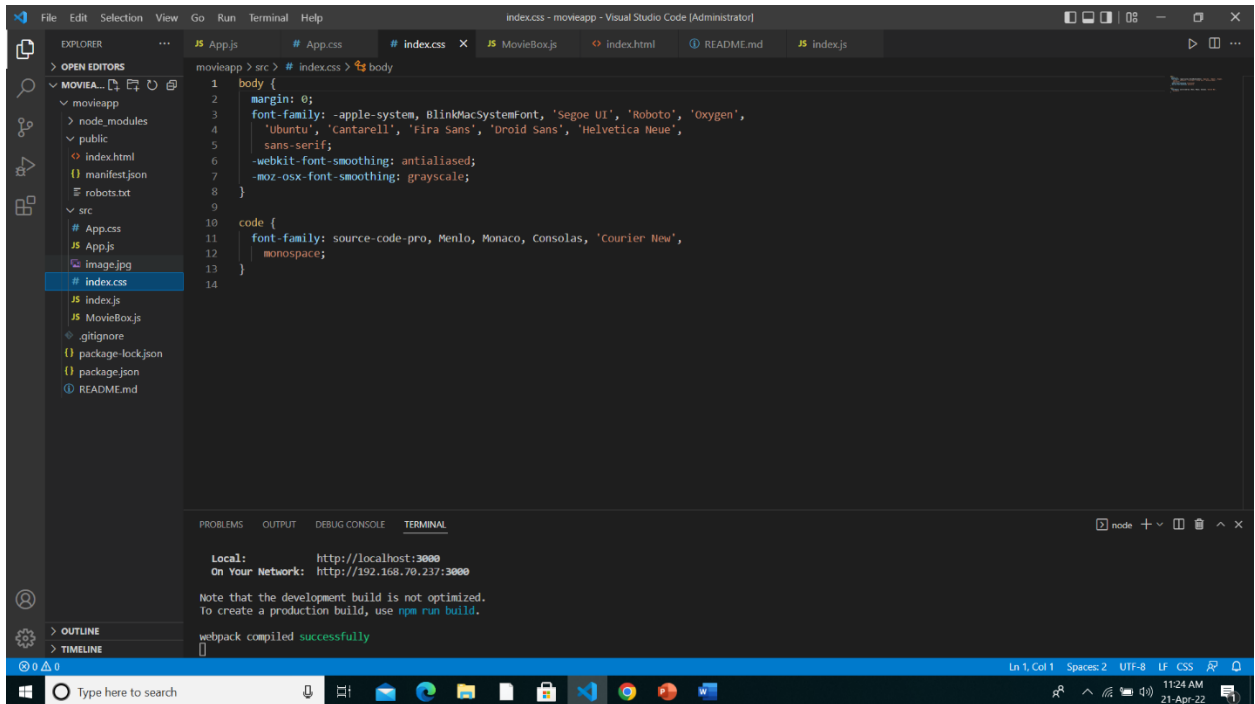
The screenshot shows the Visual Studio Code editor with the following details:

- File Explorer:** Shows the project structure with folders like 'node_modules', 'public', and 'src'. The 'App.js' file is selected in the 'src' folder.
- Editor:** Displays the content of 'App.js', which is an HTML file. It includes a Bootstrap navbar with a search button and a movie list. The search button is disabled. The movie list is empty. The code uses jQuery to handle the search event and update the movie list.
- Terminal:** Shows the command 'npm run build' and the output 'webpack compiled successfully'.

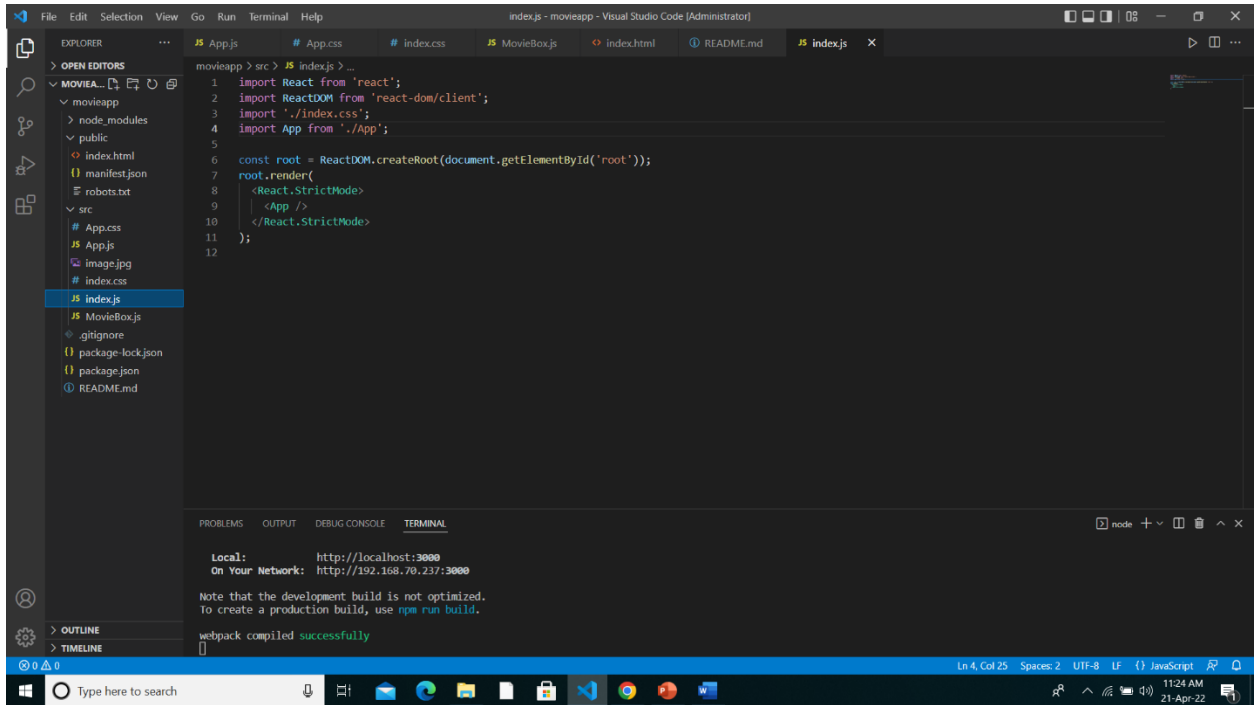
APP.JS



INDEX.CSS



INDEX.JS



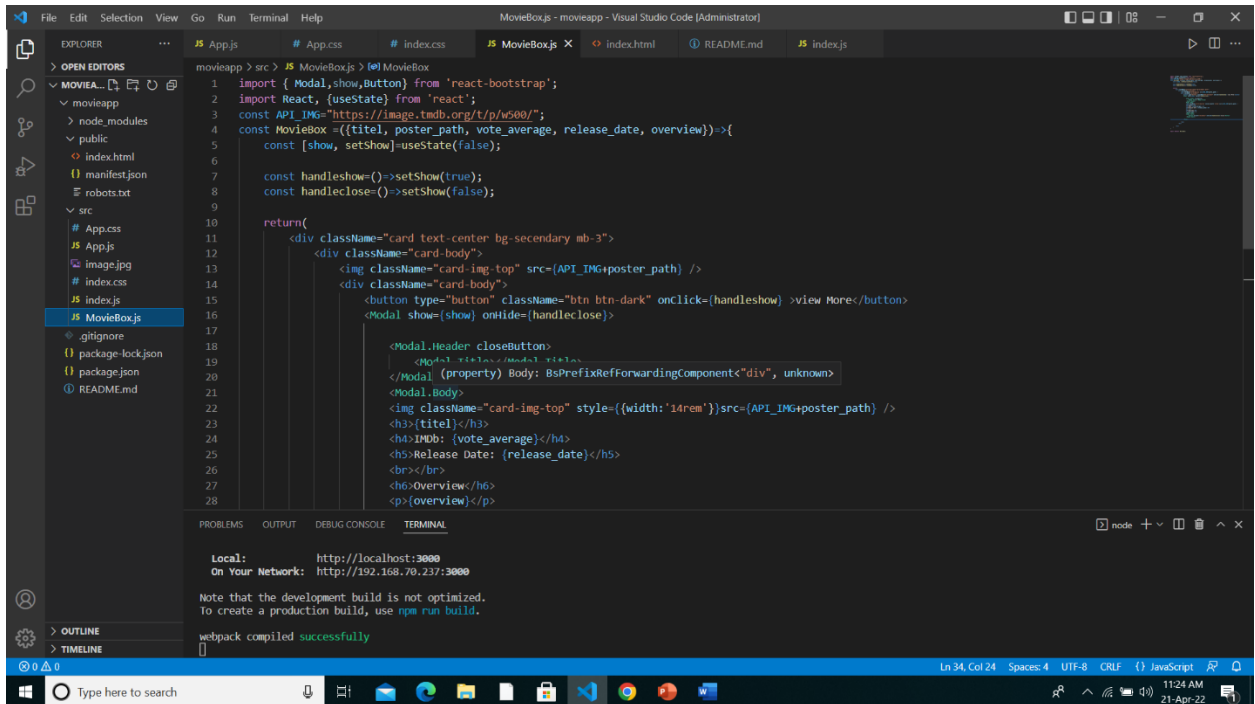
```
1 import React from 'react';
2 import ReactDOM from 'react-dom/client';
3 import './index.css';
4 import App from './App';
5
6 const root = ReactDOM.createRoot(document.getElementById('root'));
7 root.render(
8   <React.StrictMode>
9     <App />
10  </React.StrictMode>
11 );
12
```

Local: http://localhost:3000
On Your Network: http://192.168.70.237:3000

Note that the development build is not optimized.
To create a production build, use `npm run build`.

webpack compiled successfully

MOVIEBOX.JS



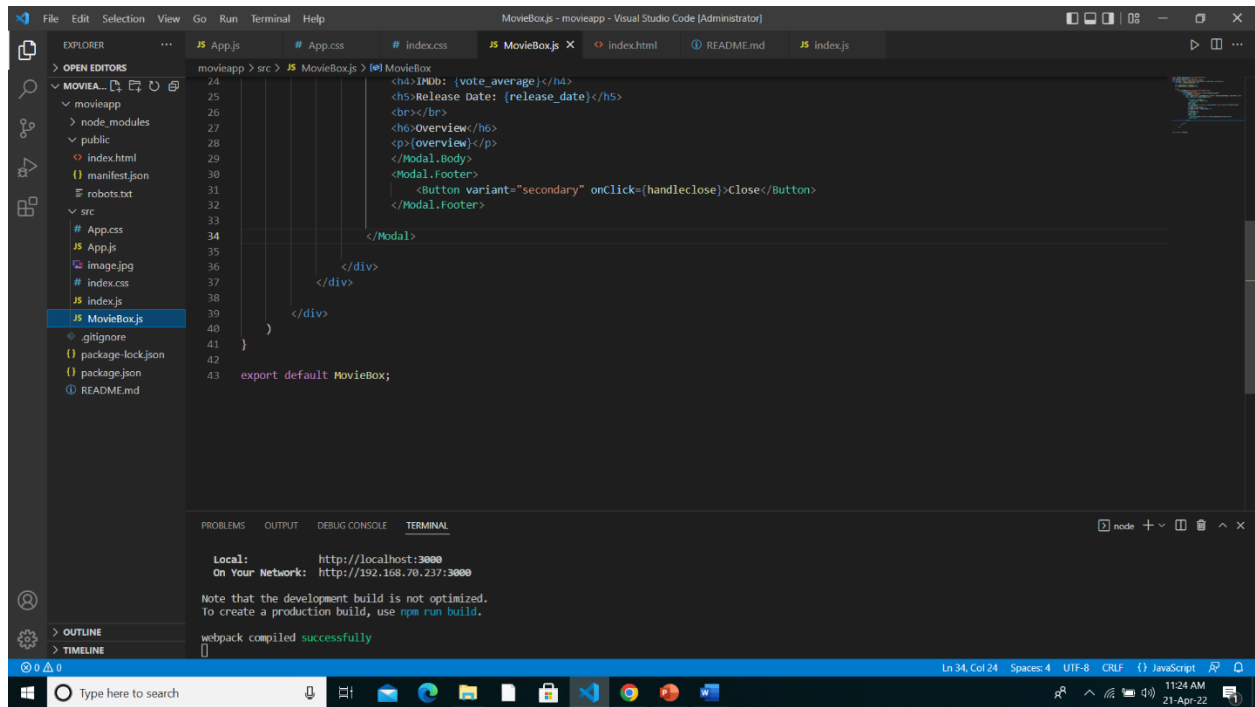
```
1 import { Modal, show, Button } from 'react-bootstrap';
2 import React, { useState } from 'react';
3 const API_IMG = "https://image.tmdb.org/t/p/w500/";
4 const MovieBox = ({title, poster_path, vote_average, release_date, overview}) => {
5   const [show, setShow] = useState(false);
6
7   const handleShow = () => setShow(true);
8   const handleClose = () => setShow(false);
9
10  return (
11    <div className="card text-center bg-secondary mb-3">
12      <div className="card-body">
13        <img className="card-img-top" src={API_IMG+poster_path} />
14        <div className="card-body">
15          <button type="button" className="btn btn-dark" onClick={handleShow} >view More</button>
16          <Modal show={show} onHide={handleClose}>
17            <Modal.Header closeButton>
18              <Modal.Title>{title}</Modal.Title>
19            </Modal.Header>
20            <Modal.Body>
21              <img className="card-img-top" style={{width: '14rem'}} src={API_IMG+poster_path} />
22              <h3>{title}</h3>
23              <h4>IMDb: {vote_average}</h4>
24              <h5>Release Date: {release_date}</h5>
25              <br></br>
26              <h6>Overview</h6>
27              <p>{overview}</p>
28            </Modal.Body>
29          </Modal>
30        </div>
31      </div>
32    </div>
33  );
34}
```

Local: http://localhost:3000
On Your Network: http://192.168.70.237:3000

Note that the development build is not optimized.
To create a production build, use `npm run build`.

webpack compiled successfully

MOVIEBOX.JS



The screenshot shows the Visual Studio Code editor with the 'MovieBox.js' file open. The file contains a React component for a movie modal. The terminal at the bottom shows the development server running on localhost:3000 and webpack compiling successfully.

```
24 MovieBox ({vote_average})</div>
25 <h5>Release Date: {release_date}</h5>
26 <br></br>
27 <h5>Overview</h5>
28 <p>{overview}</p>
29 </Modal.Body>
30 <Modal.Footer>
31   <Button variant="secondary" onClick={handleclose}>Close</Button>
32 </Modal.Footer>
33
34 </Modal>
35
36 </div>
37 </div>
38
39 </div>
40
41 }
42
43 export default MovieBox;
```

Local: http://localhost:3000
On Your Network: http://192.168.70.237:3000

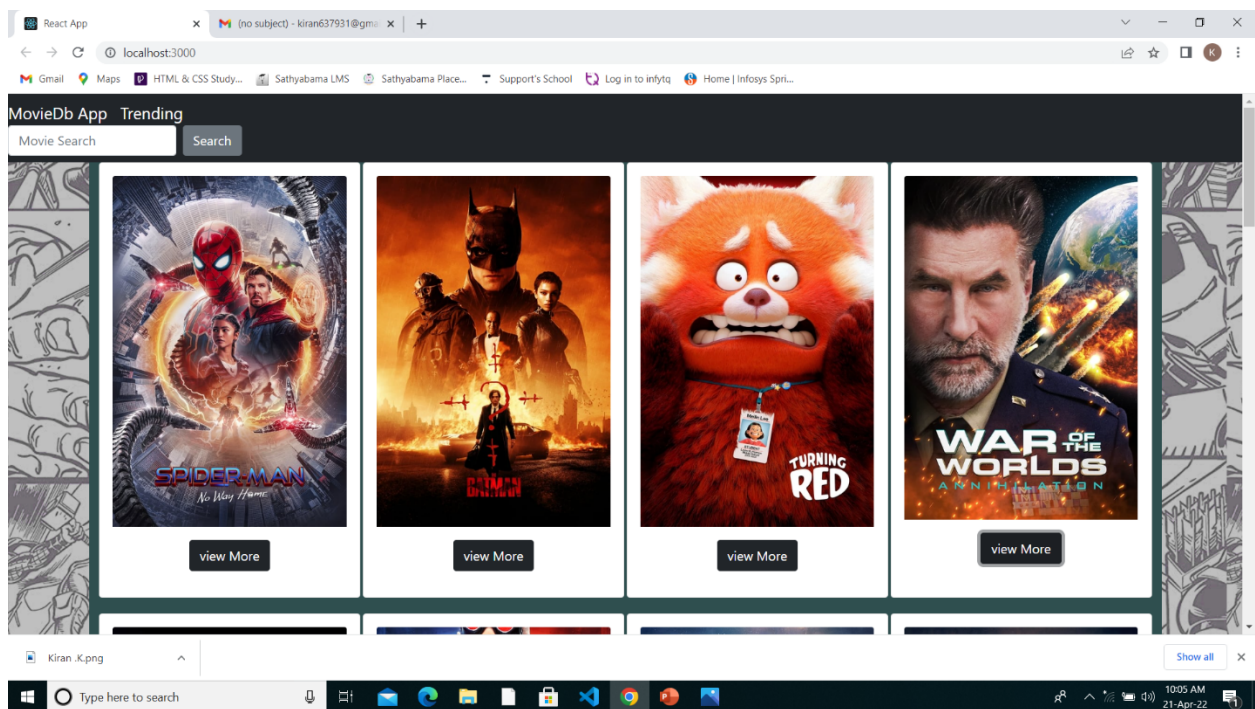
Note that the development build is not optimized.
To create a production build, use `npm run build`.

webpack compiled successfully

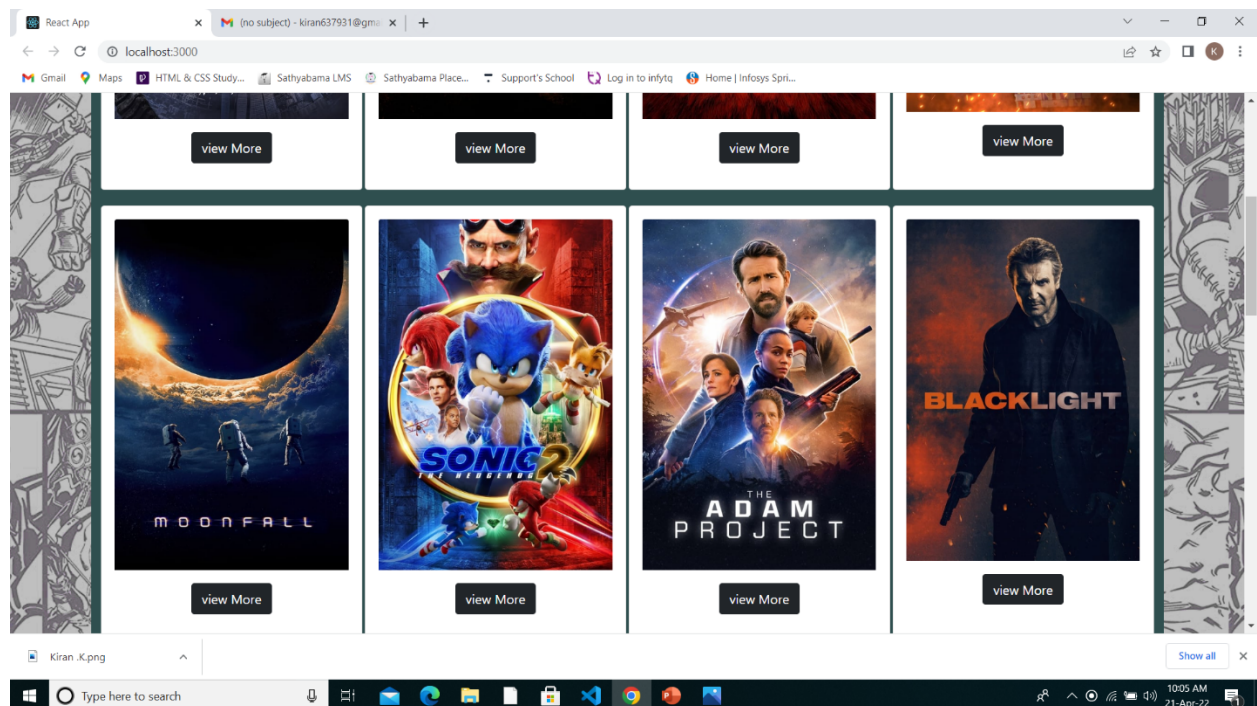
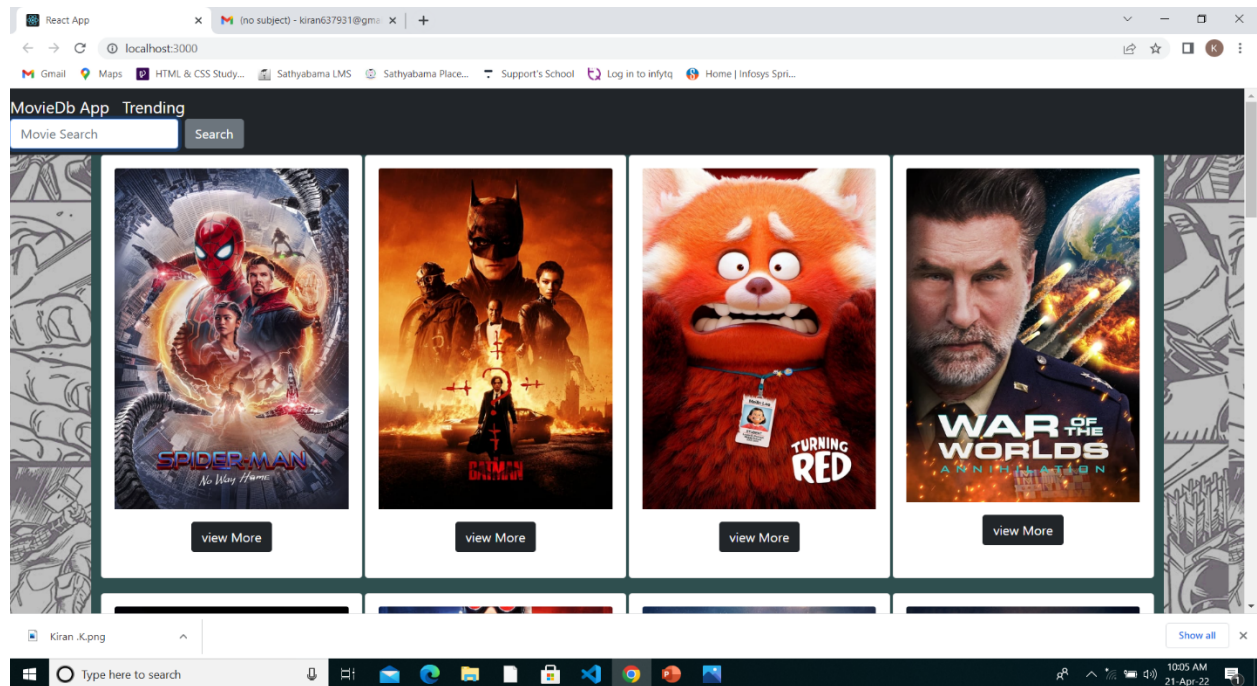
CHAPTER-4

4.1 RESULT

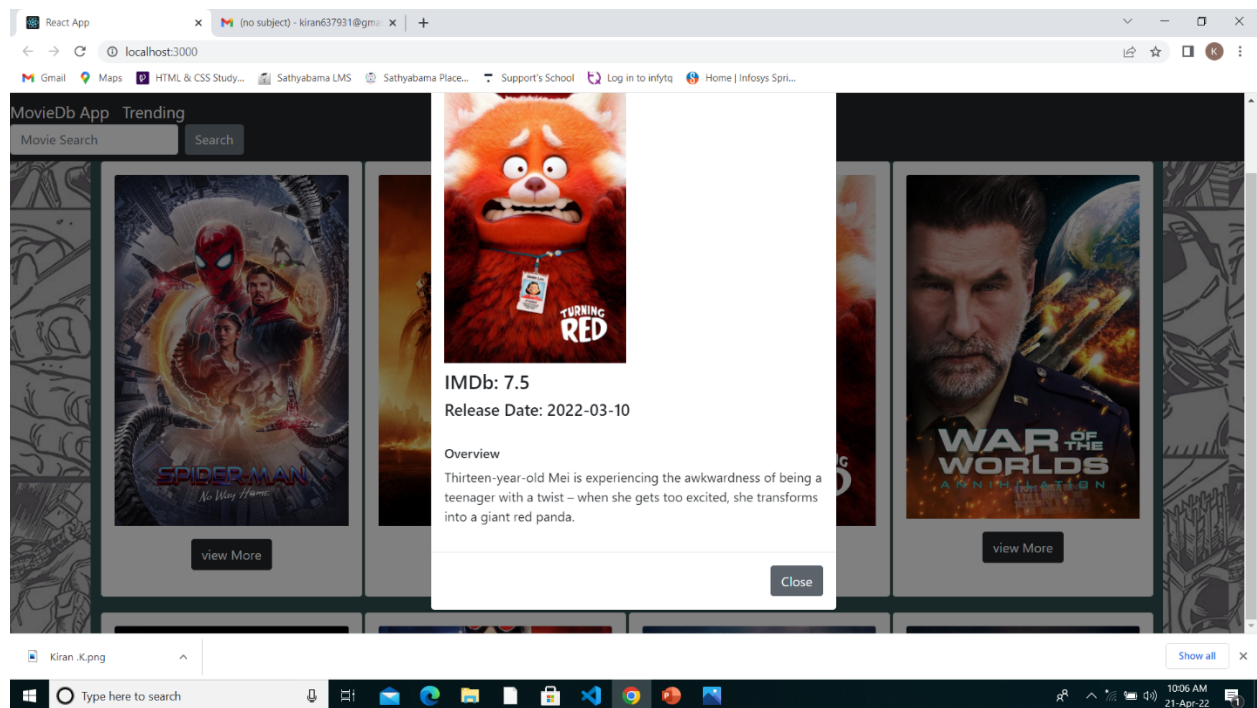
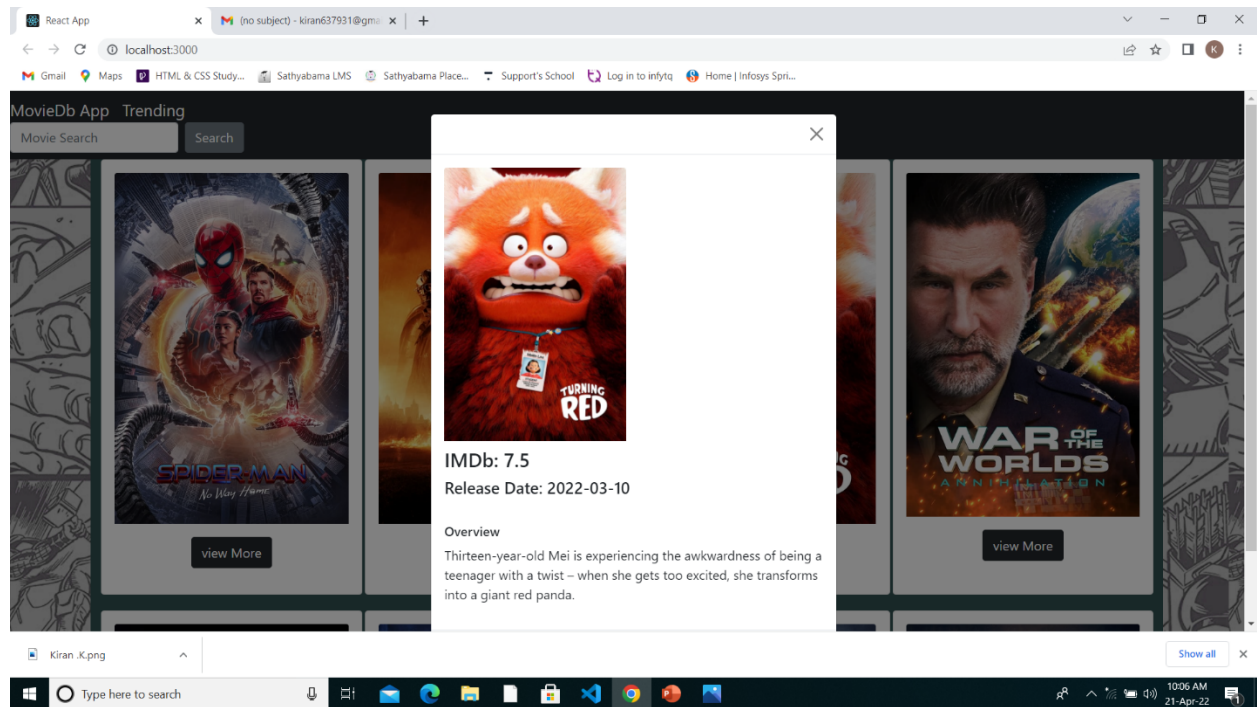
UI PAGE



SEARCH ENGINE



VIEW MORE BUTTON & MOVIE DESCRIPTION



CONCLUSION-5

5.1 Conclusion

- * This application will help the users to use in easy method , they can easily get the description of movie in a short time .
- * In today's world, all are going on digital world , all the application like this is very useful for public peoples.
- * This application is developed for all the public users.

CHAPTER-6

6.1 Reference

- www.google.com
 - www.w3schools.com
 - www.wikipedia.org/html
 - www.wikipedia.org/css
 - www.wikipedia.org/javascript
 - www.github.com
-