

MINI PROJECT REPORT On “Movie App”

Submitted by

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Declaration

We hereby declare that the work which is being presented in the Mini Project “MOVIE WEBSITE”, in partial fulfillment of the requirements for Mini Project viva voice, is an authentic record of our own work carried by the team members under the supervision of our mentor MS. Gurpreet Kaur.

Group Members:

**ANJALI JAIN(201500094)
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Course: B.Tech (Computer Science and Engineering)

Year: 3rd

**Supervised By:
Ms Gurpreet Kaur, Senior Trainer**



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Certificate

This is to certify that the project entitled “Movie Website”, carried out in Mini Project – II, is a bonafide work by Anjali Jain, Naina Johri, Anjali kumari and is submitted in partial fulfillment of the requirements for the award of the degree Bachelor of Technology (Computer Science & Engineering).

Supervisor

Ms. Grurpreet Kaur

Senior Trainer

Dept of CEA, GLA University

About the Project

Welcome to our movie app, where you can easily search for and find details about any movie that you're interested in. Our app was created using React, HTML, CSS, and a movie API to provide you with a seamless and user-friendly experience.

Our main goal is to make it easy for you to find the information that you need about movies quickly and efficiently. Whether you're looking for information about the cast, plot, rating, or any other details about a movie, our app has got you covered. All you need to do is simply type in the name of the movie that you're interested in, and our app will fetch the relevant information for you.

Our team has worked hard to ensure that our app is fast, reliable, and easy to use. We understand how important it is to have access to accurate and up-to-date information about movies, which is why we have integrated a movie API into our app to provide you with the most current and comprehensive data available.

Motivation

Our team's love for movies, combined with a desire to create a better user experience, motivated us to develop our movie app. We researched web development technologies and integrated a movie API to ensure that our app would provide fast, reliable, and comprehensive information about movies. As we worked on the app, we were motivated by the progress we were making and the potential it had to help others discover and appreciate movies.

Requirements

Software Requirements:

Technology Implemented: Full Stack Web Development

Languages/Technologies Used: HTML, CSS, React, Api

IDE Used: Visual Studio Code

Web Browser: Google Chrome

GitHub: GitHub is a code hosting platform for version control and collaboration.

It lets you and others work together on projects from anywhere. GitHub

Repository: A GitHub repository can be used to store a development project. It can contain folders and any type of files (HTML, CSS, React, Documents, Data, Images). A GitHub repository should also include a license file and a README file about the project. A GitHub repository can also be used to store ideas, or any resources that you want to share.

Visual Studio Code: Visual Studio Code is a free source- code editor made by Microsoft for Windows, Linux and macOS. [7] Features include support for debugging, syntax highlighting, intelligent code completion, snippets, code refactoring, and embedded Git. Users can change the theme, keyboard shortcuts, preferences, and install extensions that add additional functionality. Microsoft has released Visual Studio Code's source code on the VS Code repository of GitHub.com, under the permissive MIT License, while the compiled binaries are freeware.

Hardware Requirements:

Processor Required: Intel i5

Operating System: Windows 10

RAM: 8GB

Hardware Devices: Computer System Hard Disk

Acknowledgement

We thank the almighty for giving us the courage and perseverance in completing the project. This project itself is an acknowledgement for all those people who have given us their heartfelt co-operation in making this project a grand success. We extend our sincere thanks to Ms.Gurpreet Kaur, Technical Trainer at “GLA University, Mathura” for providing his valuable guidance at every stage of this project work. We are profoundly grateful towards the unmatched services rendered by her. And last but not least, we would like to express our deep sense of gratitude and earnest thanks giving to our dear parents for their moral support and heartfelt cooperation in doing the main project.

Abstract

This project involved the development of a movie app using React, HTML, CSS, and a movie API. The app was designed to provide users with fast, reliable, and user-friendly access to comprehensive information about movies. The app allows users to search for movies by name, and it fetches details about the movie such as the cast, plot, rating, and more.

The project was motivated by the team's love for movies and their desire to create a better user experience for movie fans. The team researched the latest web development technologies and integrated a movie API to ensure that the app would have access to the most comprehensive and up-to-date information about movies.

Throughout the development process, the team was motivated by their excitement about the potential of the app to help others discover and appreciate movies.

Contents

1. Introduction:

Introduction to HTML and CSS and React.....

Pre-requisites.....

2. Technologies Used:

Frontend.....

3. List of Figures..... 20-26

4. Software Testing..... 27-31

5. Conclusion..... 32

6. Bibliography..... 33

Technology Used

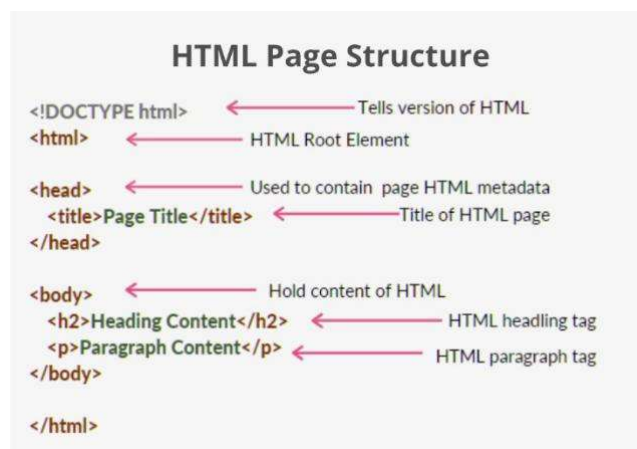
HTML

HTML stands for Hyper Text Markup Language. It is used to design web pages using the markup language. HTML is the combination of Hypertext and Markup language. Hypertext defines the link between the web pages and markup language defines the text document within the tag that define the structure of web pages.

HTML is used to create the structure of web pages that are displayed on the World WideWeb (www). It contains Tags and Attributes that are used to design the web pages. Also,we can link multiple pages using Hyperlinks.

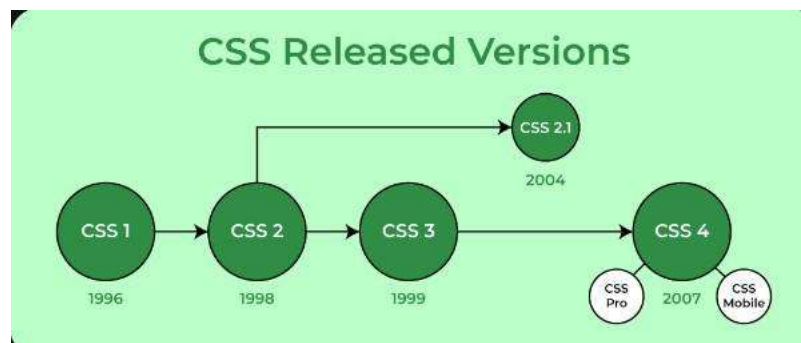
The basic structure of an HTML page is laid out below. It contains the essential building-block elements (i.e., doctype declaration, HTML, head, title, and body elements) upon which all web pages are created.

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CSS5

CSS is the language we use to style an HTML document. CSS describes how HTML elements should be displayed. CSS stands for Cascading style sheets. It describes how HTML elements are to be displayed on screen ,paper, or the other media. CSS saves a lot of work It can control the layout of the multiple web pages all at once. External stylesheet are stored in CSS files.CSS file extension name is “.css” . CSS is used along with HTML and JavaScript in most website to create user interface for web application and user interfaces for many mobile application.



React

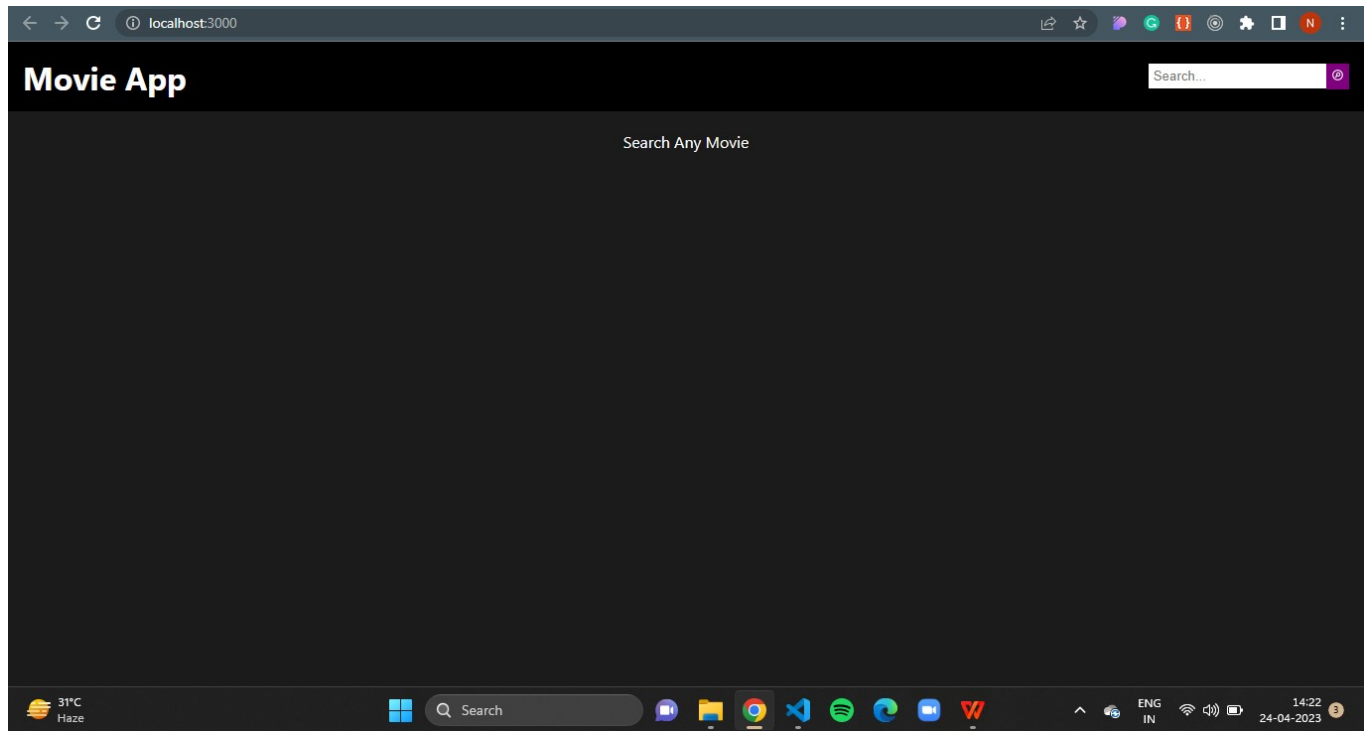
React is an open-source JavaScript library for building user interfaces. It was developed by Facebook and is widely used by web developers to create fast, dynamic, and interactive web applications. React allows developers to build reusable UI components that can be used across different parts of an application, which makes it easy to maintain and update large web projects. Additionally, React employs a virtual DOM, which allows it to efficiently render updates to the user interface without requiring a full page refresh. Overall, React is a popular and powerful tool for building modern web applications with complex user interfaces.

API

An API (Application Programming Interface) is a set of protocols and standards that allow different software applications to communicate with each other. It enables developers to access data or services from one application to use in another application without understanding the underlying code or data structures. APIs define a standard way for applications to interact, making it possible for developers to create complex applications that integrate data and functionality from multiple sources.

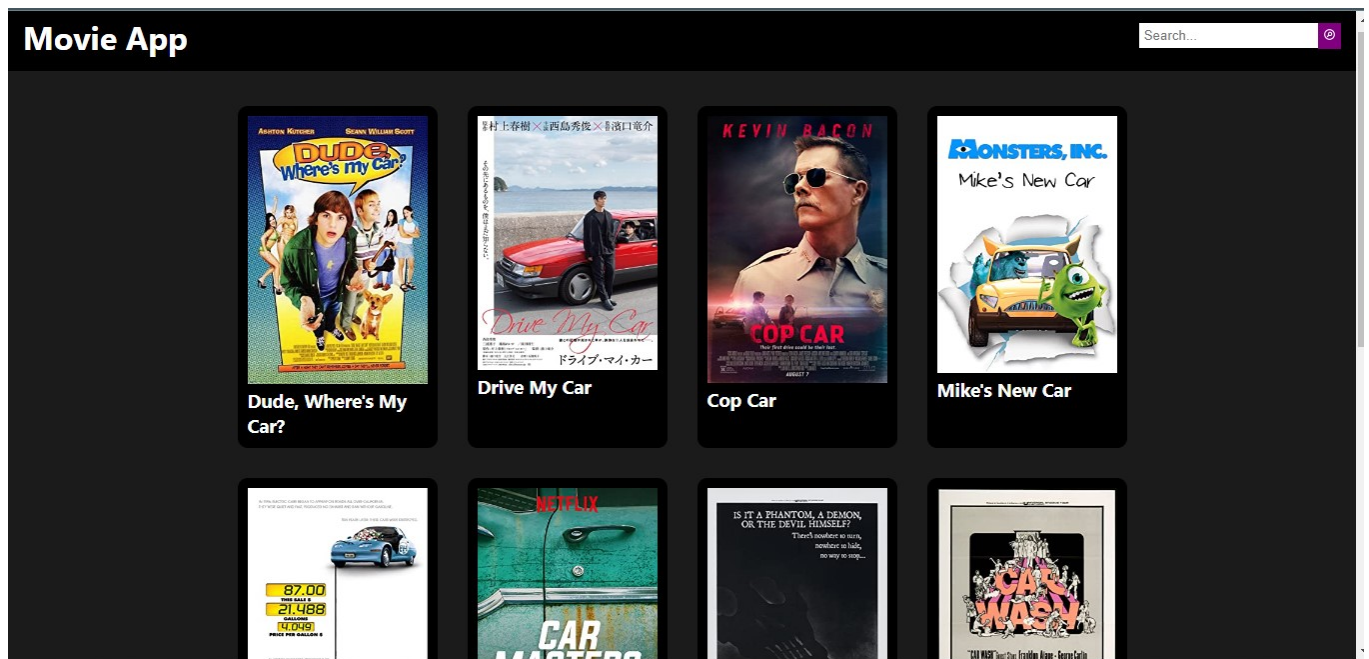
List Of Figures

Home Page



The home page of our movie search project features a simple and intuitive design that allows users to quickly search for their favorite movies. At the center of the page is a prominent search bar, where users can type in the title of any movie they are interested in. As the user types, our search algorithm will automatically suggest matching titles, making it easy to find the desired movie.

Overall, our movie search project is designed to make it easy and convenient for users to find and enjoy their favorite movies. With its intuitive search functionality, organized listings, and helpful features, our home page provides a seamless and enjoyable movie browsing experience.



Here user can find all the movies .

Conclusion

Our movie app provides a comprehensive and user-friendly platform for movie lovers to search, discover, and enjoy their favorite films. With its intuitive search functionality, organized listings, and helpful features, our app makes it easy for users to find the movies they love and explore new titles that match their interests.

Our app includes a wide range of features that cater to the needs and preferences of different users. For example, we offer personalized recommendations based on users' viewing history and interests, as well as user reviews and ratings that provide valuable insights into the quality and popularity of different films. We also provide links to popular and trending movies, as well as a convenient bookmarking system that allows users to save their favorite titles for future viewing.

Overall, our movie app is designed to provide a seamless and enjoyable movie browsing and viewing experience for users of all levels of expertise and interest. Whether you're a die-hard movie fan or just looking for something to watch on a lazy evening, our app has something to offer for everyone. We are committed to continuously improving and updating our app to ensure that it remains the go-to platform for movie lovers everywhere.

Bibliography

www.javatpoint.com

www.geekforgeeks.com

www.w3schools.com

Books:

- **Web design with HTML,CSS,JavaScript and JQuery Set**
- **Web design with HTML and CSS**

Faculty Guidelines:

Ms. Gurpreet Kaur (Technical Trainer of GLA University)