**Title: Online Learning Management System**

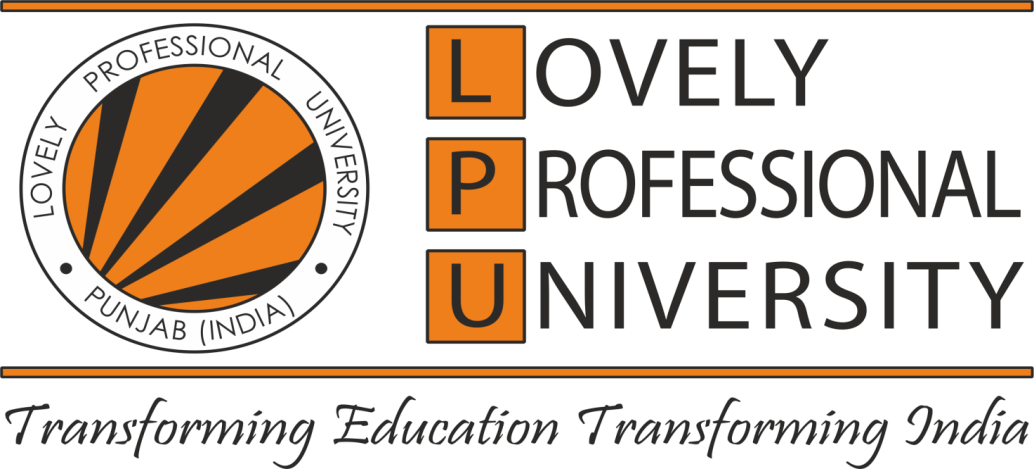
As a Project Work for Course

INTERNET PROGRAMMING LABORATORY

# (CSE 326)

**By**

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**Introduction**

An online Learning Management System (LMS)built with react, HTML, JavaScript, and CSS offers a dynamic and user-friendly platform for delivering educational content. React provides a robust framework for building interactive user interfaces, while HTML structures the content, JavaScript adds functionality, and CSS enhances the visual presentation. This system facilities a seamless learning experience, allowing users to access courses, submit assignments, and engage in discussions. React’s component-based architecture ensures modularity and scalability, while JavaScript handles interactive features, such as quizzes and real-time communication. HTML structures the platform’s layout, defining the content hierarchy, and CSS styles the interface for a polished appearance. The combination of these technologies results in a responsive and intuitive learning environment, catering to diverse educational needs.

# Technologies Used

HTML:

* (Hypertext Markup Language): Used for creating the structure and content of web pages.

CSS:

* (Cascading Style Sheets): Employed for styling the HTML elements, providing layout, and enhancing the visual appearance.

JavaScript:

* (JavaScript): Utilized for adding interactivity, handling user input, and implementing functionalities like scheduling and reminders.

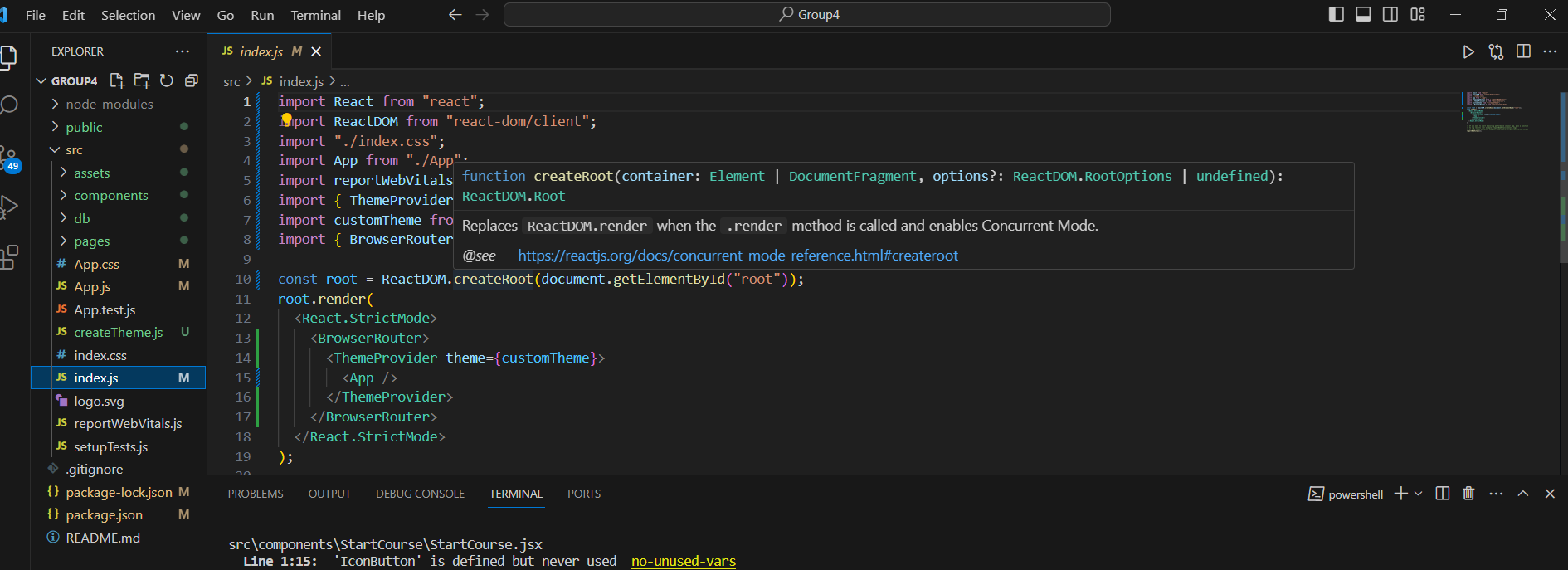
React:

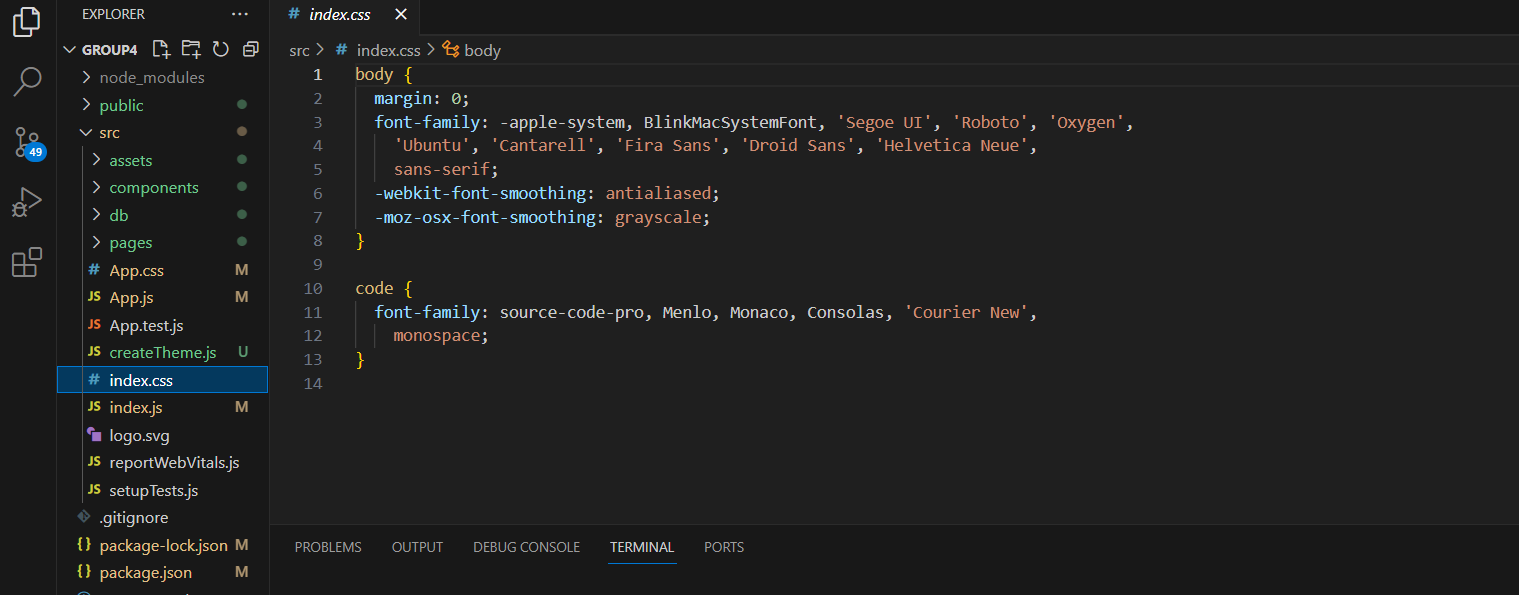
* React is a JavaScript library for building user interfaces, developed. It is widely used for creating interactive and dynamic web application

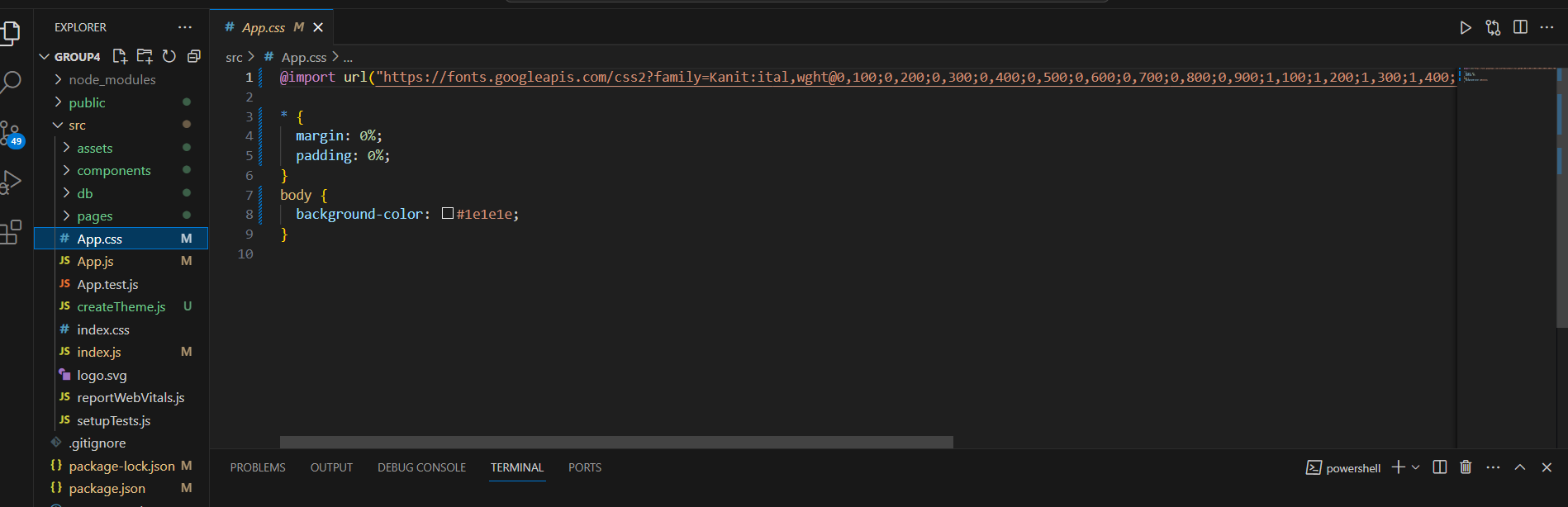
# Modules

1. **User Authentication Module:**  Allow users to register and log in. and Manage user roles.
2. **Course Management Module:** Enable instructors to create, edit. Include features for adding course descriptions, objectives and materials.
3. **Content Delivery Module:** Support various content types (text, videos, quizzes, assignments). Track and display progress for students.
4. **Payment and Subscription Module:** Integrate a payment gateway for course fees. Offer subscription plans for premium features.

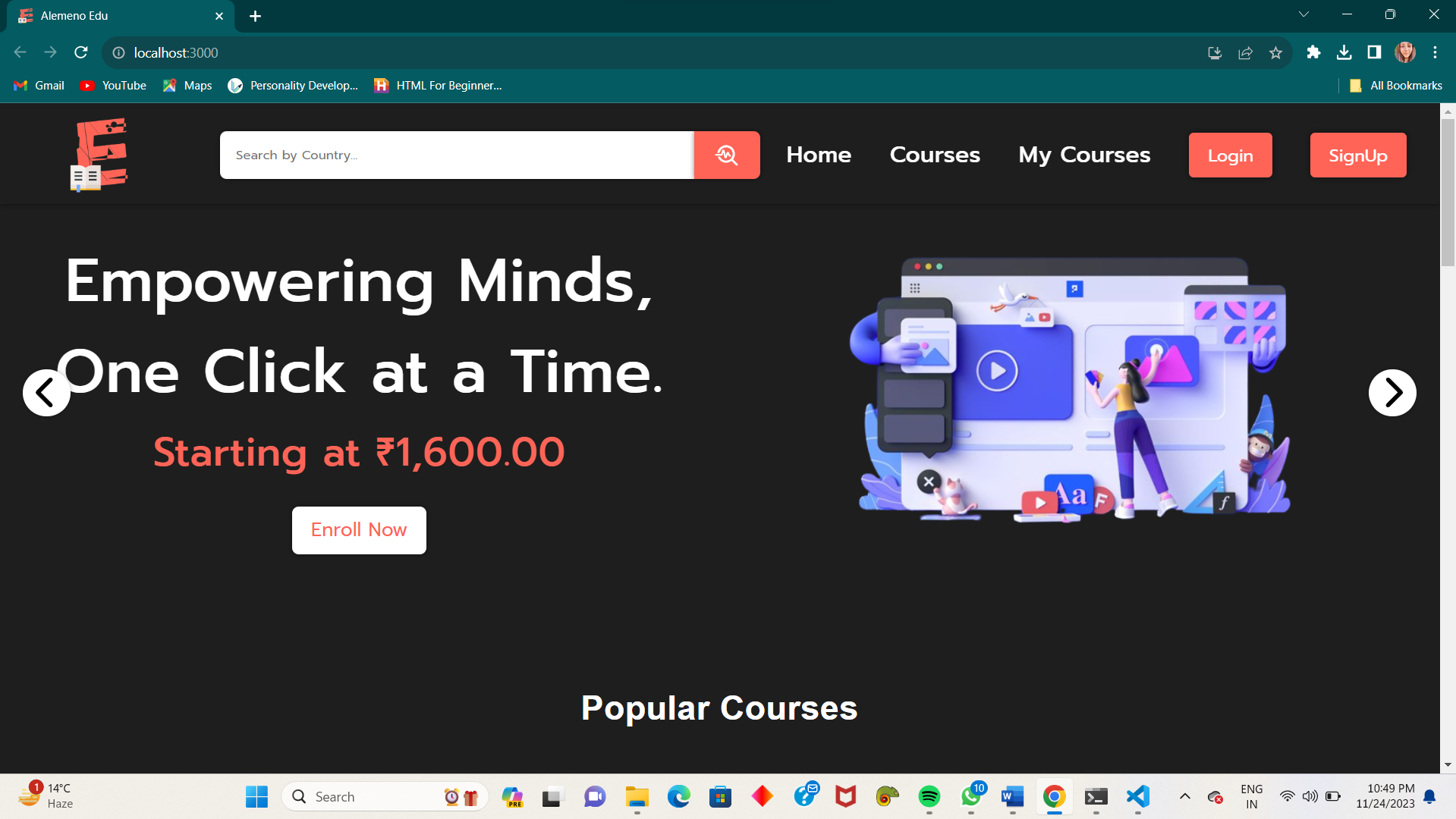
# Code Screenshots

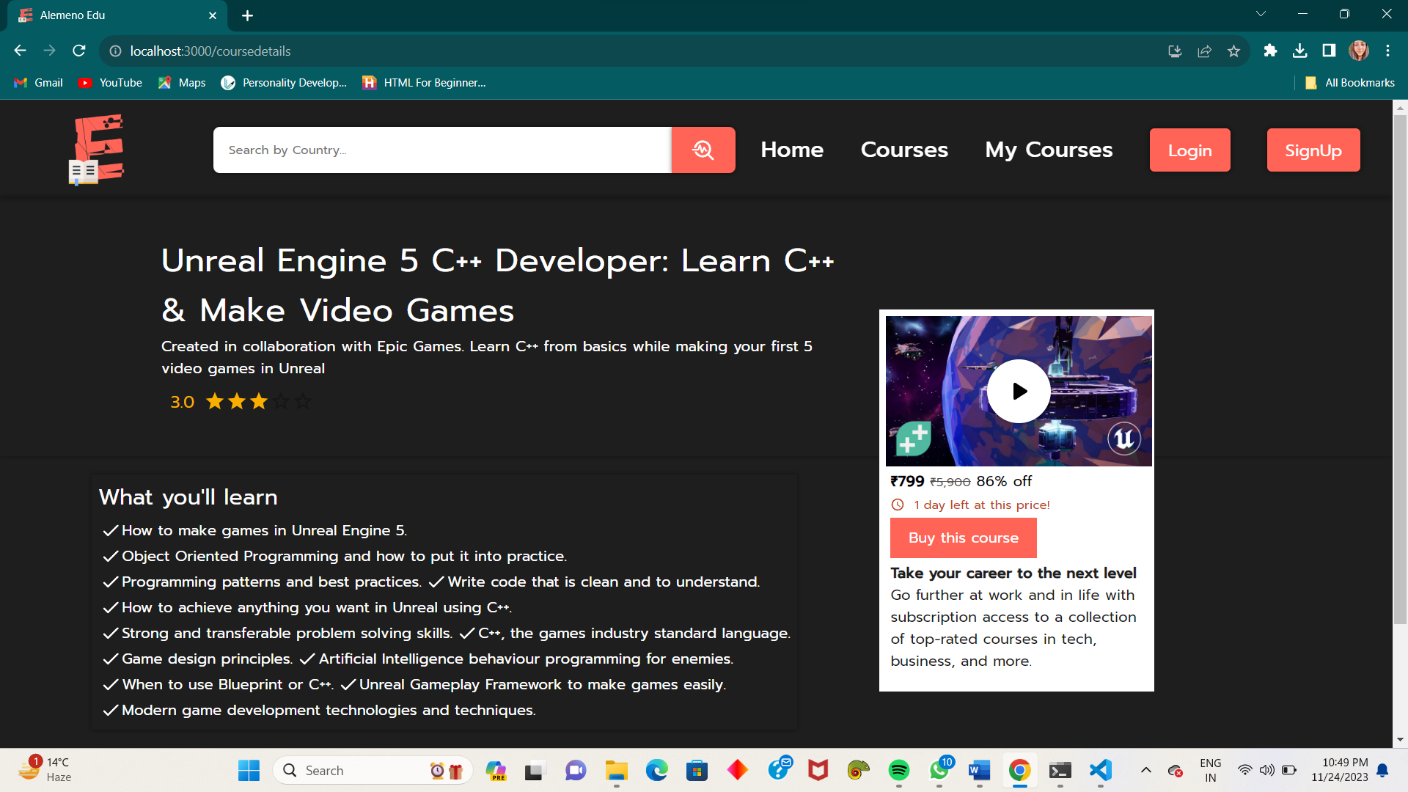
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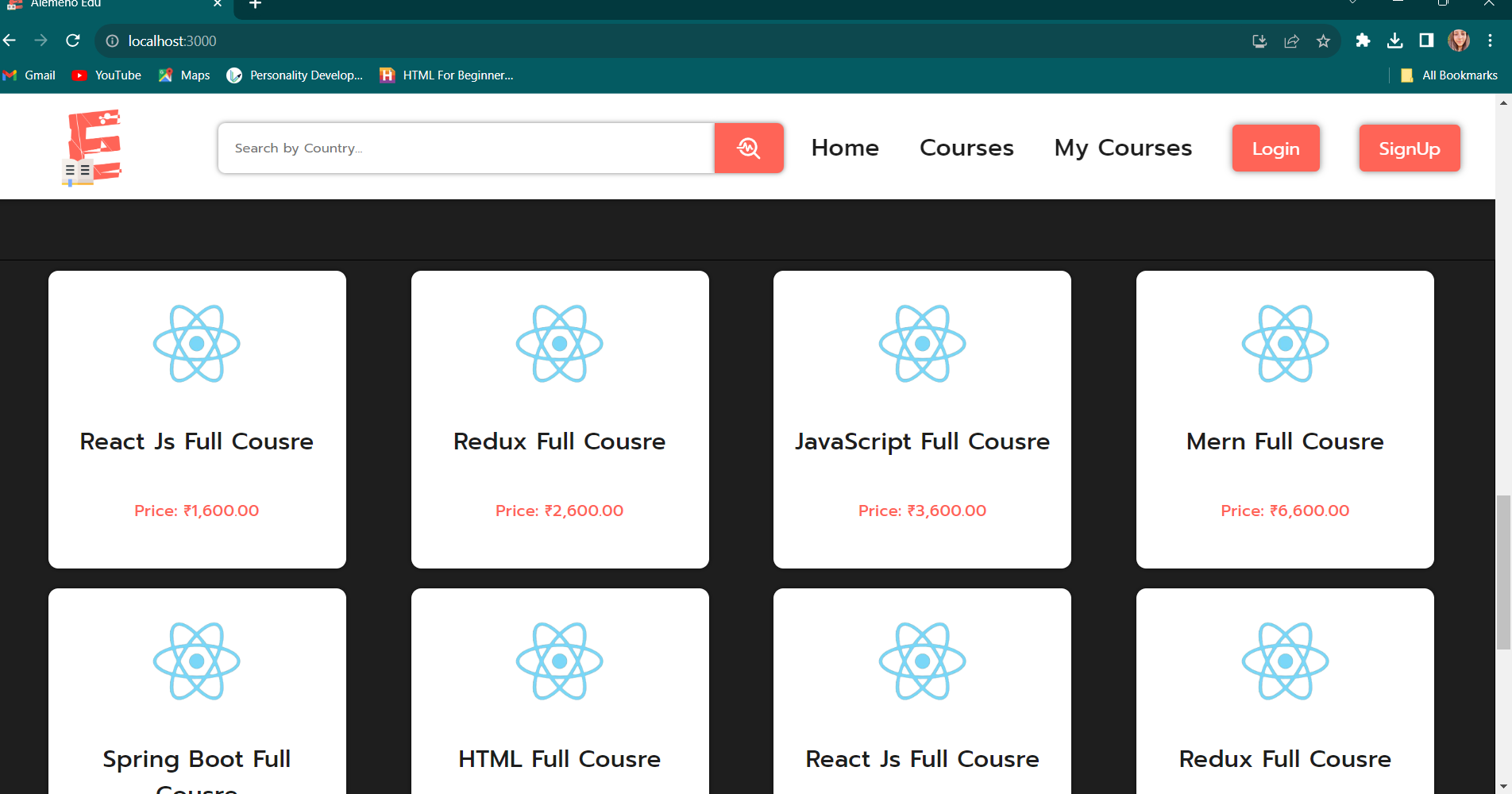
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**Website snapshot**





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**REFERENCES**

1. React Documentation:

. React official Documentation

. Comprehensive documentation for learning React and understanding its concepts.

1. HTML, JavaScript, and CSS Documentation:

.MDN Web Docs

.Mozilla Developer Network offers extensive documentation on HTML, JavaScript, and CSS.

1. Online Learning Platforms:

.Platforms like Coursera, edX, and Udacity offer courses on web development technologies.

1. React Tutorials and courses:

.Website like freeCodeCamp and Codecademy provides interactive tutorials on React.

1. Books:

. “Learning React” by Alex Banks and Eve Porcello

. “Eloquent JavaScript” by Marijin Haverbeke.

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. “Eloquent JavaScript” by Marijin Haverbeke.

**GITHUB LINK**:

<https://github.com/sweetydulat/hcjproject1>