**Elearning-Platform-Using-MERN**

Nan Mudhalvan Course Project

* **Description**

This is an Elearning Platform built using the MERN (MongoDB, Express.js, React.js, Node.js) stack. It provides a comprehensive solution for delivering online courses, managing users, and facilitating communication between instructors and students.

* **Features**

- User Authentication: Allows users to sign up, log in, and manage their profiles securely.

- Course Management: Instructors can create, update, and delete courses. Students can enroll in courses and track their progress.

- Content Delivery: Supports various multimedia formats for course materials such as videos, documents, and quizzes.

- Discussion Forums: Enables communication between students and instructors through discussion forums for each course.

- Responsive Design: Ensures the platform is accessible and user-friendly across devices of all sizes.

* **Technologies Used**

- **MongoDB**: NoSQL database used for storing user data, course content, and other application data.

- **Express.js:** Backend web application framework for building APIs and handling HTTP requests.

- **React.js:** Frontend library for building interactive user interfaces.

- **Node.js:** JavaScript runtime environment for executing server-side code.

- **Redux:** State management library for managing application state in React.js.

- **JWT Authentication\*\***: JSON Web Tokens used for user authentication and authorization.