



Documentation of SmartLearn

Project Overview

created full stack project using MERN stack

The Idea is to provide basic knowlege to students

Installation and Setup

To run the project we need a code editor and need to install required packages

Need to install dependencies of react , bootstrap and node

we need to run project via using command "npm start"

Code Structure

I have created folder as per the project need

I have created 2 folder firat 1. Client , 2. Server

API Documentation

I have created 2 API here to store the user data

When user do signup we are sending the data to backend using API

To login user we are using second API and posting data from login form and validating same

Tech Stack

we have used Node Js for backend and creating API

For frontend we have used React JS

we have used Bootstrap for page responsive

we have used MongoDB to store user data

We have used Express to create API in Node JS

Tools

- VS Code
- Postman
- Studio 3T
- Google Chrome

Why MERN?

Node is single threaded which is faster and provides easy way to work with API

React provides us single page feature which makes web app faster itself because it doesn't reload the page

Mongo DB one of the fast Database in NOSQL where we can deal the data in Key Value Pair

Bootstrap is used to provide a responsive user interface