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## About

HEX provides, high-quality digital programming education which helps student choosing their teacher and the course details in addition to online payment, the site contain on live video and chatting between student and teacher to make the lecture active as much as physical.

## Getting Started

**. First step is by clone this repository to your local machine.**

**[https://github.com/C4-TEAM404/MERAKI\\_Academy\\_Project\\_6](https://github.com/C4-TEAM404/MERAKI_Academy_Project_6)**

- Once downloaded, you can use visual studios code and git-bash to run this application.
  - install all packages using the command **npm i**, which is should be inside backend & frontend file also.

- run backend server using command **npm run dev**.
- Then start the react application using the command **npm run start**.

## Prerequisites

What things you need to install the software and how to install them.

### **Backend:**

bcrypt. cors.

dotenv.

express.

jsonwebtoken.

mysql2.

Socket.io

http.

### **Frontend:**

@fullcalendar/core

@fullcalendar/daygrid

@fullcalendar/interaction

@fullcalendar/react

@fullcalendar/timegrid

@testing-library/jest-dom

@testing-library/react

@testing-library/user-event

Axios

Bootstrap clouinary

React

Firebase

react-dom

react-facebook-login

react-google-login

react-icons

react-paginate

react-redux  
react-router-dom  
react-scripts  
react-slick  
redux  
redux-devtools  
extension  
redux-logger  
peer.js

## Installing

After Cloning the repo and knowing the Prerequisites that are necessary, downloading the prerequisites is a Must!!

You need to make sure that there is a package file (Because I might not push it to the repo) A package.json file needs to be present.

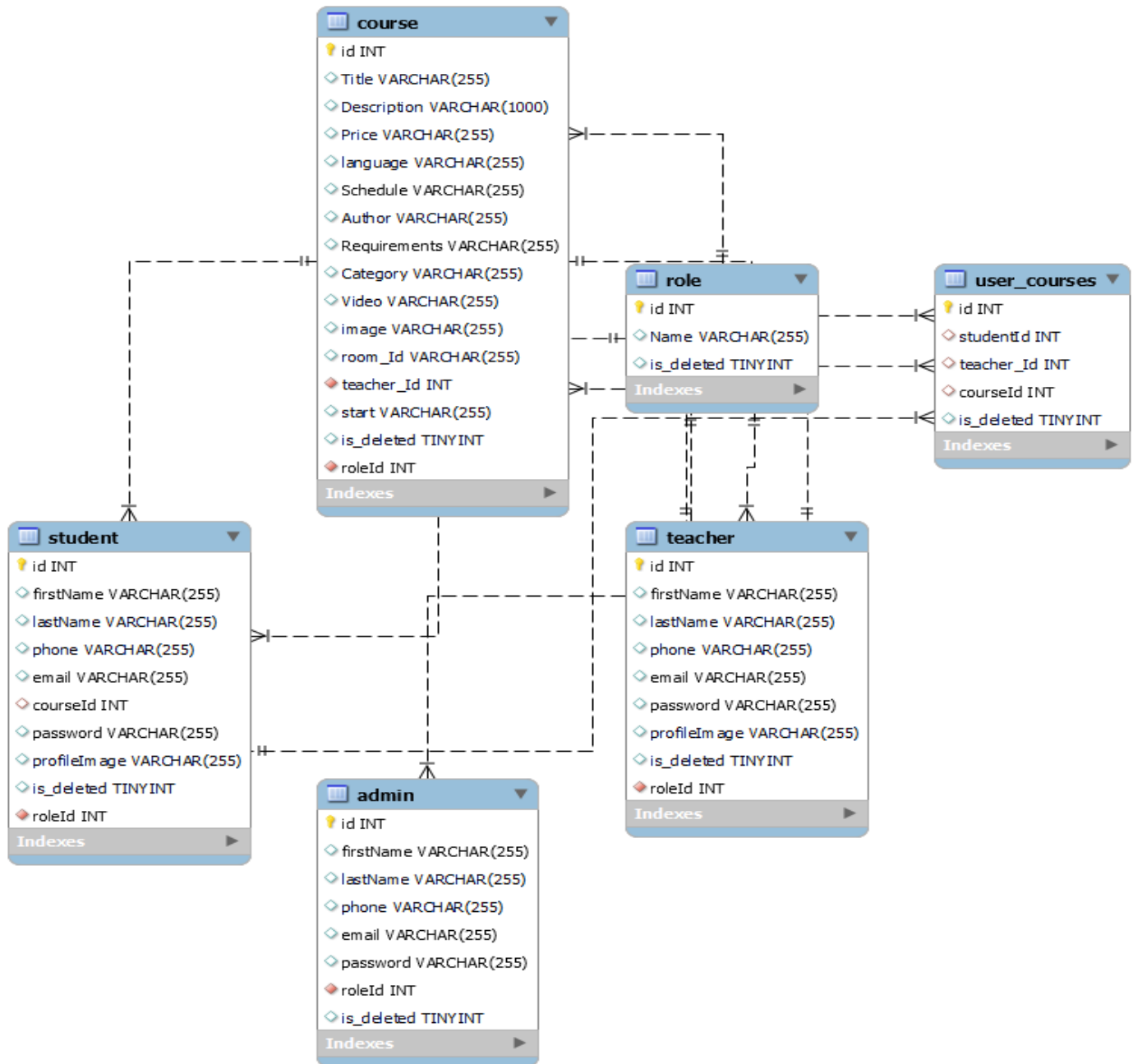
if you located package.json then just using command -  
npm i.

if it the package.json is not present then using command -  
npm init-y  
-npm i [all Prerequisites needed]

## Usage

HEX is Full Stack Web Application, scope from the HEX is to serve the software students and teachers around the world, the students can see course description and price in addition to online payment, the app is built on GET, POST, PUT and Delete methods these methods are access controlled.

# ! DataBase Diagram



## 🔧 Built Using

- [Mysql](#) - Database
- [Express JS](#) - Server Framework
- [React JS](#) - Web Framework
- [Node JS](#) - Server Environment

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## **Guided By**

- This project is guided by © [MERAKI Academy](#)