



EatWise - Restaurant Management System

- Main readme file is present in root project directory. It is the main one
 - All of the important information which cannot be included as comments in respective code files is listed here
 - Source: <https://youtu.be/fPuLnzSjPLE>
 - Two login types - admin and customer (based on role)
- ▼ 5 relations atleast needed (general idea is given below - not exact implementation)
- 1) Customers(customer_id, name, phone, email, address)
 - 2) Menuitems(item_id, item_name, category, price, availability)
 - 3) Orders(order_id, customer_id, order_date, order_time, total_amount, order_status)
 - 4) Staff(staff_id, name, role, phone, salary, joining_date)
 - 5) Reviews(review_id, author, description, date, stars)

Initial Setup

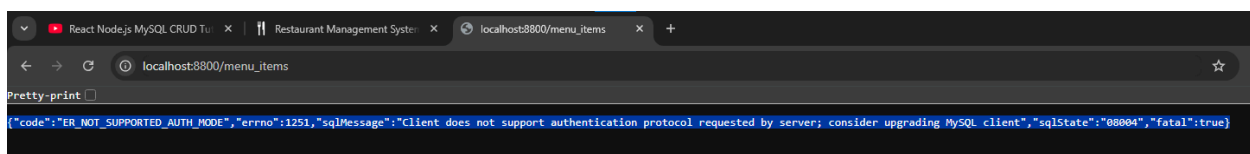
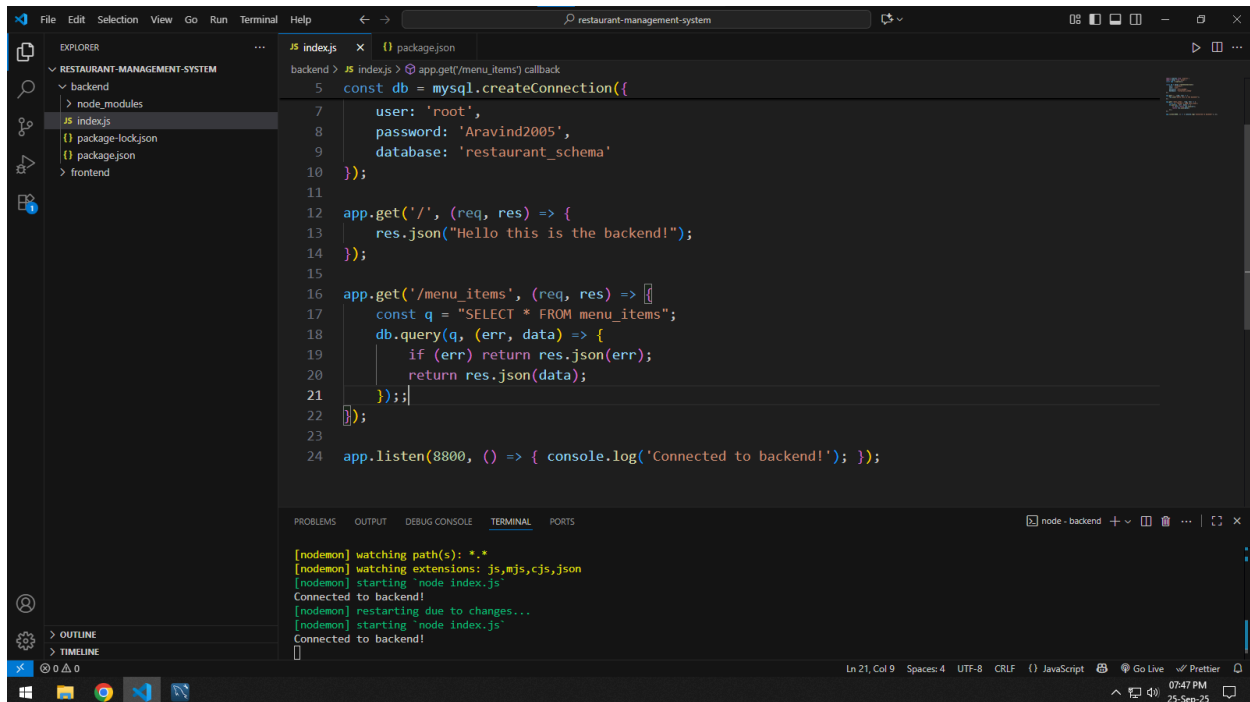
- Below steps were used to start building this project
- Download MySQL from <https://dev.mysql.com/downloads/> and download and install MySQL Community Server and MySQL Workbench
- Folder structure is restaurant-management-system → frontend and backend folders

Backend and Frontend

- `npm init -y` and `npm i express mysql nodemon` in terminal in backend folder

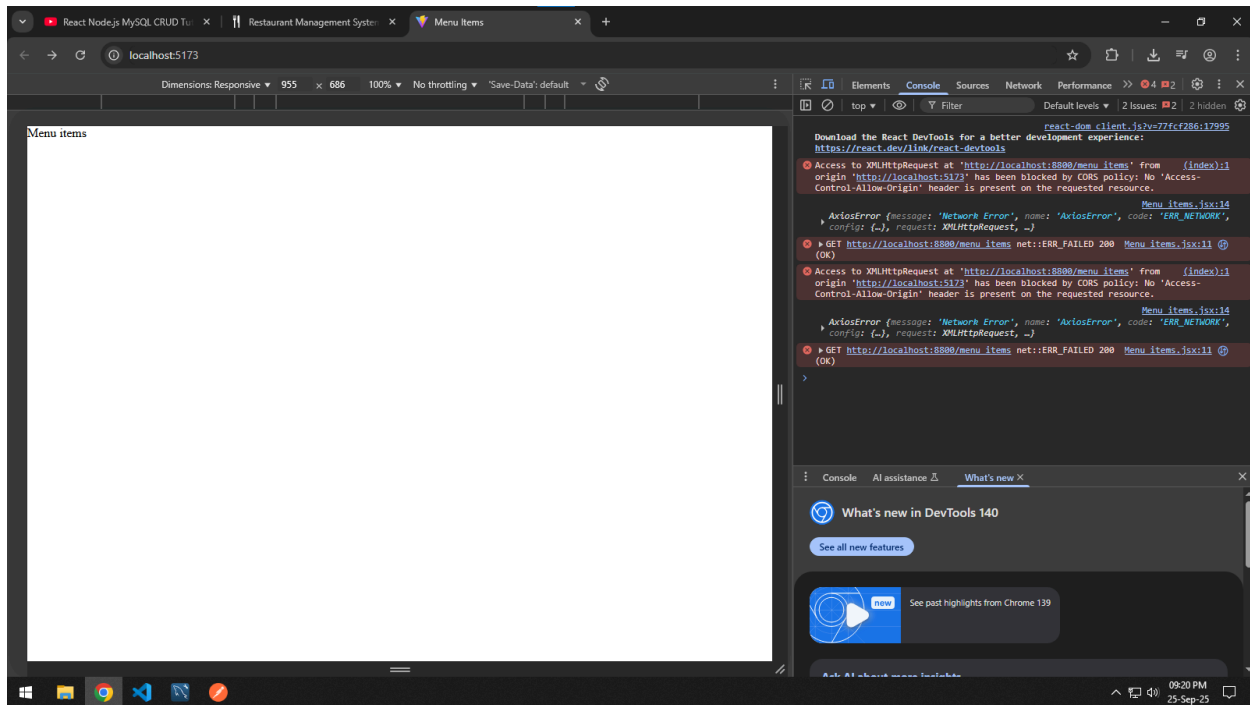
- Paste `"type": "module",` in package.json for importing ES6 modules
- Remove the `"test"` line from scripts in package.json and make it as shown below

```
"scripts": {
  "start": "nodemon index.js"
},
```



- If you get above error, do `npm un mysql` in terminal and do `npm i mysql2` and import it using `import mysql from 'mysql2';`
- `npx create-react-app` in terminal in frontend folder or do `npm create vite@latest .`
- `npm i react-router-dom` for routing
- `npm i axios` to make API request using React app

- Without CORS, we would get error as shown below when trying to axios fetch data from tables as backend server doesn't allow apps to use our API



- `npm i cors` in terminal in backend folder