**7. User List App – NestJS + React**

This is a simple full-stack application that displays a list of users and allows editing or deleting them. The backend is built using NestJS, while the frontend uses React. Data is currently hardcoded in the NestJS controller, making it ideal for prototyping or learning basic CRUD interaction between a React frontend and NestJS backend.

**Features**

* Display user list with id, name, and email
* Edit user name/email directly from the table
* Delete user with confirmation popup
* State management handled by React useState
* REST API created using NestJS controller
* Axios used for frontend API calls

**Project Links**

https://github.com/devops-ktm/Nest-js

**Tech Stack**

Frontend: React, Axios, JavaScript

Backend: NestJS, TypeScript

Tools: Node.js, npm, Jest (for testing)

**How to Run the Project**

**Prerequisites**

Node.js (v16 or above)

npm installed globally

1. Create Backend (NestJS)

Install Nest CLI globally

npm install -g @nestjs/cli

**Create New NestJS Project**

nest new my-nest-app

cd my-nest-app

Choose npm as the package manager when prompted.

**Run Nest App**

Your backend will be live at:  
<http://localhost:3000/users>

**2.Create Frontend (React**)

Create React App

npx create-react-app my-react-app

cd my-react-app

**Install Axios**

npm install axios

**Run React App**

npm start

Frontend will run at:  
<http://localhost:3000>

**Testing (NestJS)**

Unit tests

npm run test

e2e tests

npm run test:e2e

**Build for Production**

NestJS

npm run build

React

npm run build

system screenshot:

