All Empty

Creating package.json = npm init -y (all yes)

Done required changes in package.json

Video 2

Done More required changes in package.json

Install express = npm i express

Dot env = npm i dotenv

Morgan –api req konsa hit hua h = npm i morgan

Video 3

Create folder config = file db.js for database connection export the function

And use it in server.js

Video 4

Create folder routes,helpers,models,controllers, middlewares

Models/create file userModel.js = skeleton for user database

Now we will create routes

Routes/create file authRoute.js

AuthController/create file authController.js

We use MVC pattern file structure for our project

**Model-View-Controller(MVC) architecture for Node applications**

npm i bcrypt

helpers/create authHelper.js = password hashing

video 5

authController.js = registering user

video 6

npm i jsonwebtoken (see documentation if needed) for login route

video 7

create protected routes for user in middleware using user login token

in database = role 0 = normal user

role 1= admin

tested all the routes with middleware

video 8

working in react

cmd = npx create-react-app client

npm i react-router-dom

VS Code select all

  <li className="nav-item">

Select className do ctrl+dddddd……… for selecting all className variables at once

cmd= npm install react-icons

Video 9

SEO

React by default have no support for SEO it depends on 3rd party apps

Cmd = npm i react-helmet

Removed this by myself not necessary

Video 10 IMP

Pages/create folder Auth/ file Register.js

Have to avoid page refresh on submit =

*// avoid refresh of page on submit*

const handleSubmit = (e) => {

e.preventDefault();

console.log(name,email,password,phone,address);

}

npm i axios == handles http network request in frontend and backend

npm i react-hot-toast = notify icons

for frontend protection create .env file in root

In env file = REACT\_APP\_API = <http://localhost:8080>

Writing “REACT\_APP”\_youname is the format

npm i concurrently cors == to run two servers concurrently here client and server

Add cors in server js

cmd = PS D:\GitHub Desktop\Ecommerce-App> **npm run dev** == runs both together

working on register completed

client/src/pages/auth/create Login.js == for login form

video 12

Use **context api** for dynamic Navbar feature using global state = it is also use for large scale apps

Client/src/folder Context/ file auth js

Video 13

Private routes

Client/folder user/file Dashboard js

Client/src/components/ file Private js

Loading Spinner added

userLink location history = after login get back to user left page

video 14

done

video 15

dashboard for user and admin