

Registration-backend,frontend (Authconext) Pages: login logout forgotpassword  
Search Bar functionality (ProductSlice, Product backend)  
Error Page  
Header

Frontend 底稿:

Hello, for those who are watching this video. This is our first project demo, which is an e-commerce application. My partner and I will introduce and walk through the basic UI layout, and Authentication steps, and how each components interactive with the others.

We have a footer component and a header component that will always be present on each page. The main change on each page will be the content section; for example, on this home page, the content section will be the product list. Also, here is a pagination component to control the number of products per product list. Let me first introduce our authentication. We have a main component called Auth, which is reusable for Sign-in, Sign-out, and Forgot Password pages.

I will first register an account with a regular role. You can see that when we click each field, it prompts for email or password validation. And when you register, you must decide on a role.

So let's do it. Now you can see that after we sign up, we will automatically sign in with the account we just registered. And the role is regular. As a regular account, we can add products to our shopping cart, but we cannot create and edit product details for sure. And we can refresh the page or reopen the page, you can see our authentication and shopping cart information will not be lost, this is because we saved our access jwt token in the local storage, and of course we have expiretime on the jwt token, but in this project we set a really long expiration time so we dont have to worry about that.

Now, let me sign in to an admin account I registered earlier to see the difference between a regular account and an admin account. Now, with an admin account, you can see a create account button and an edit product button. During our design, we decided to edit the product only with the particular product creator, which makes more sense.

After that, let me introduce our search bar in the header component. When we type the first letter, our product list will be filtered and show the most likely products. And after you clear all the inputs, it will show all the original products by default.