**(Nếu project làm từng bước như video mà không chạy như trong video thì nên thử start lại server và frontend)**

**- In “SNEAKER\_ECOMMERCE\_WEBSITE\_PROJECT/backend/routes/userRoute.js” file, update the following code:**

import express from 'express';

import User from '../models/userModel';

const router = express.Router();

// Sign In

router.post('/signin', async (req, res) => {

    const signinUser = await User.findOne({

        email: req.body.email,

        password: req.body.password

    });

    if(signinUser){

        res.send({

            \_id: signinUser.id,

            name: signinUser.name,

            email: signinUser.email,

            isAdmin: signinUser.isAdmin,

            token: getToken(signinUser)

        })

    } else{

        res.status(401).send({ message: 'Invalid Email and Password. '});

    }

})

// Create Admin

router.get("/createadmin", async (req, res) => {

    try {

        const user = new User({

            name: 'Khanh',

            email: 'chickenhello48@gmail.com',

            password: '5678',

            isAdmin: true

        });

        const newUser = await user.save();

        res.send(newUser);

    } catch (error) {

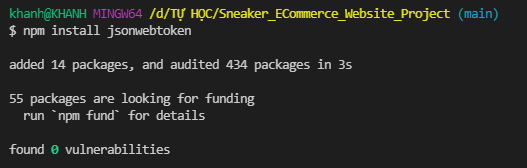
        res.send({ message: error.message });

    }

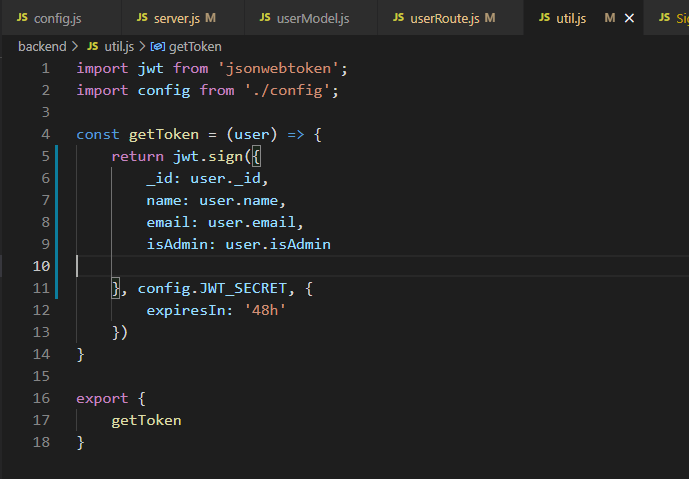
});

export default router;

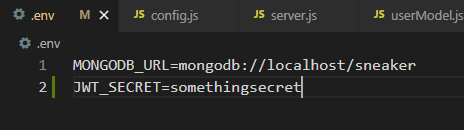
**- Install “JSON Web Token” (Terminal)**



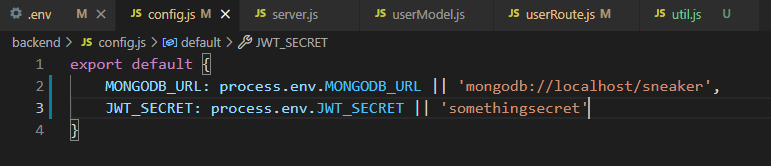
**- Create “SNEAKER\_ECOMMERCE\_WEBSITE\_PROJECT/backend/util.js” file, add the following code:**



**- In “SNEAKER\_ECOMMERCE\_WEBSITE\_PROJECT/.env” file, update the following code:**



**- In “SNEAKER\_ECOMMERCE\_WEBSITE\_PROJECT/backend/config.js” file, update the following code:**



**- Create “SNEAKER\_ECOMMERCE\_WEBSITE\_PROJECT/frontend/src/screens/SigninScreen.js” file, add the following code:**

import React, { useEffect, useState } from 'react';

import { Link } from 'react-router-dom';

import { useSelector, useDispatch } from 'react-redux';

import { signin } from '../actions/userActions';

function SigninScreen (props) {

    const [email, setEmail] = useState('');

    const [password, setPassword] = useState('');

    const userSignin = useSelector(state => state.userSignin);

    const { loading, userInfo, error } = userSignin;

    const dispatch = useDispatch();

    useEffect(() => {

        if(userInfo) {

            props.history.push("/");

        }

        return () => {

            //

        };

    }, [userInfo]);

    const submitHandler = (e) => {

        e.preventDefault();

        dispatch(signin(email, password));

    }

    return <div className="form">

        <form onSubmit={submitHandler}>

            <ul className="form-container">

                <li>

                    <h2>Sign In</h2>

                </li>

                <li>

                    {loading && <div>Loading...</div>}

                    {error && <div>{error}</div>}

                </li>

                <li>

                    <label htmlFor="email">Email</label>

                    <input type="email" name="email" id="email" onChange={(e) => setEmail(e.target.value)}>

                    </input>

                </li>

                <li>

                    <label htmlFor="password">Password</label>

                    <input type="password" name="password" id="password" onChange={(e) => setPassword(e.target.value)}>

                    </input>

                </li>

                <li>

                    <button type="submit" className="button primary">Sign In</button>

                </li>

                <li>

                    Do not have an account ?. Please register !

                </li>

                <li>

                    <Link to="/register" className="button secondary text-center">Create your account</Link>

                </li>

            </ul>

        </form>

    </div>

}

export default SigninScreen;

**- In “SNEAKER\_ECOMMERCE\_WEBSITE\_PROJECT/frontend/src/App.js” file, update the following code:**

import React from 'react';

import {BrowserRouter, Route, Link} from 'react-router-dom';

import './App.css';

import CartScreen from './screens/CartScreen';

import HomeScreen from './screens/HomeScreen';

import ProductScreen from './screens/ProductScreen';

import SigninScreen from './screens/SigninScreen';

function App() {

  const openMenu = () => {

    document.querySelector(".sidebar").classList.add("open");

  }

  const closeMenu = () => {

    document.querySelector(".sidebar").classList.remove("open");

  }

  return (

    <BrowserRouter>

    <div className="grid-container">

        <header className="header">

            <div className="brand">

                <button onClick={openMenu}>

                    &#9776;

                </button>

                <Link to="/" >Sneaker Shop</Link>

            </div>

            <div className="header-links">

                <a href="cart.html">Cart</a>

                <Link to="/signin"></Link>

                <a href="signin.html">Sign In</a>

            </div>

        </header>

        <aside className="sidebar">

            <h3>Shopping Categories</h3>

            <button className="sidebar-close-button" onClick={closeMenu}>x</button>

            <ul>

                <li>

                    <a href="index.html">Man</a>

                </li>

                <li>

                    <a href="index.html">Woman</a>

                </li>

            </ul>

        </aside>

        <main className="main">

            <div className="content">

                <Route path="/signin" component={SigninScreen} />

                <Route path="/product/:id" component={ProductScreen} />

                <Route path="/cart/:id?" component={CartScreen} />

                <Route path="/" exact={true} component={HomeScreen} />

            </div>

        </main>

        <footer className="footer">

            All right reserved.

        </footer>

    </div>

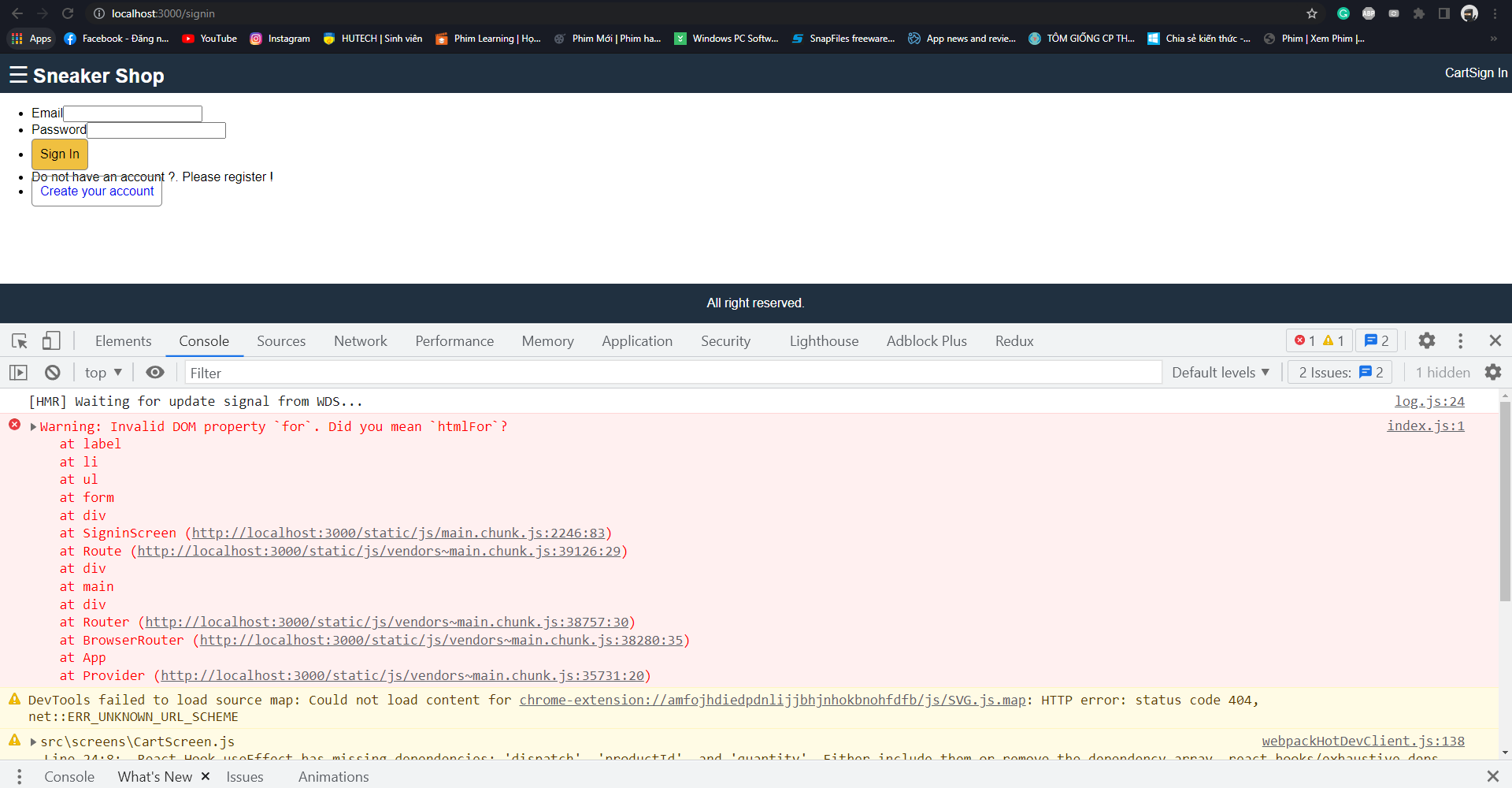
    </BrowserRouter>

  );

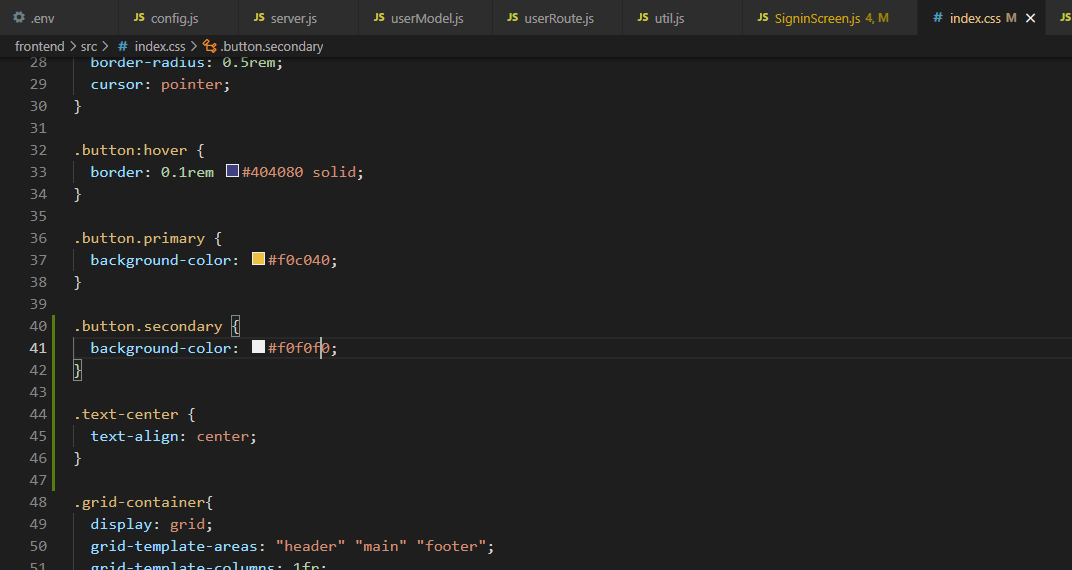
}

export default App;

**- Result: to checking ... 3:33:31**



**- In “SNEAKER\_ECOMMERCE\_WEBSITE\_PROJECT/frontend/src/index.css” file, css for “Signin Screen”:**



/\* Form \*/

.form {

  display: flex;

  justify-content: center;

  align-items: center;

  height: 100%;

}

.form-container {

  display: flex;

  flex-direction: column;

  width: 32rem;

  padding: 2rem;

  border: 0.1rem #c0c0c0 solid;

  border-radius: 0.5rem;

  list-style-type: none;

}

.form-container li {

  display: flex;

  flex-direction: column;

  margin-bottom: 1rem;

  margin-top: 1rem;

}

input {

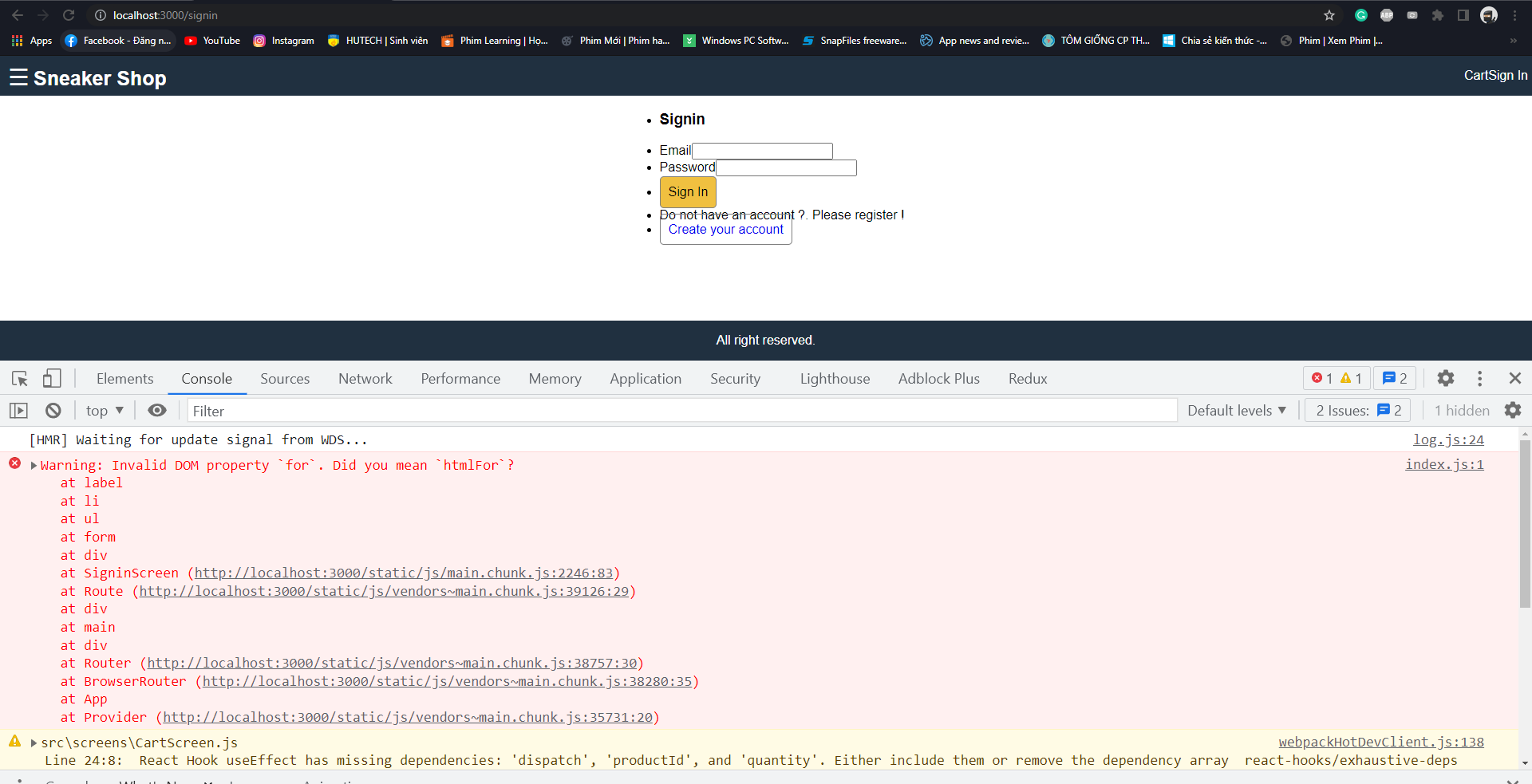
  padding: 1rem;

  border: 0.1rem #c0c0c0 solid;

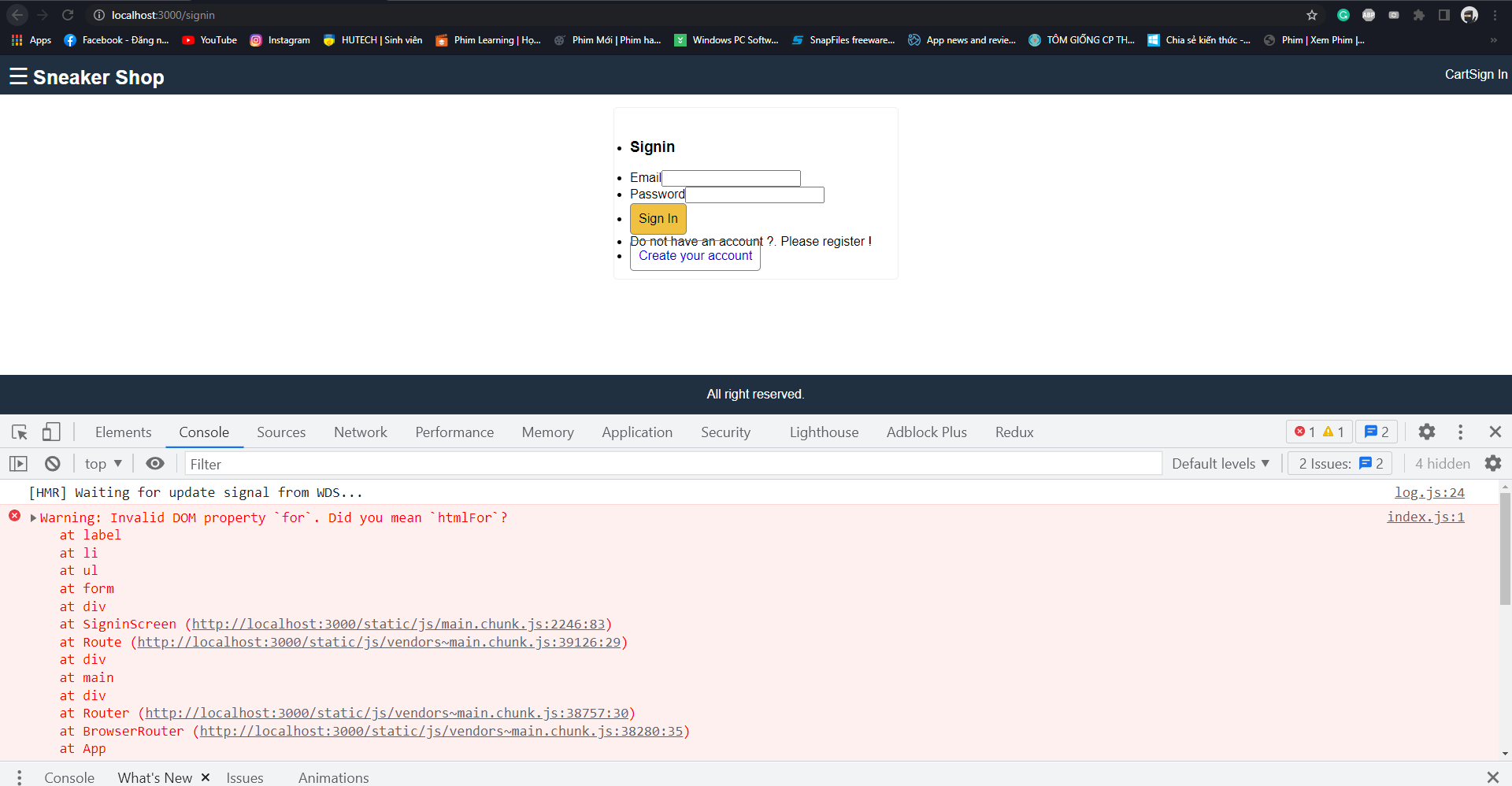
  border-radius: 0.5rem;

}

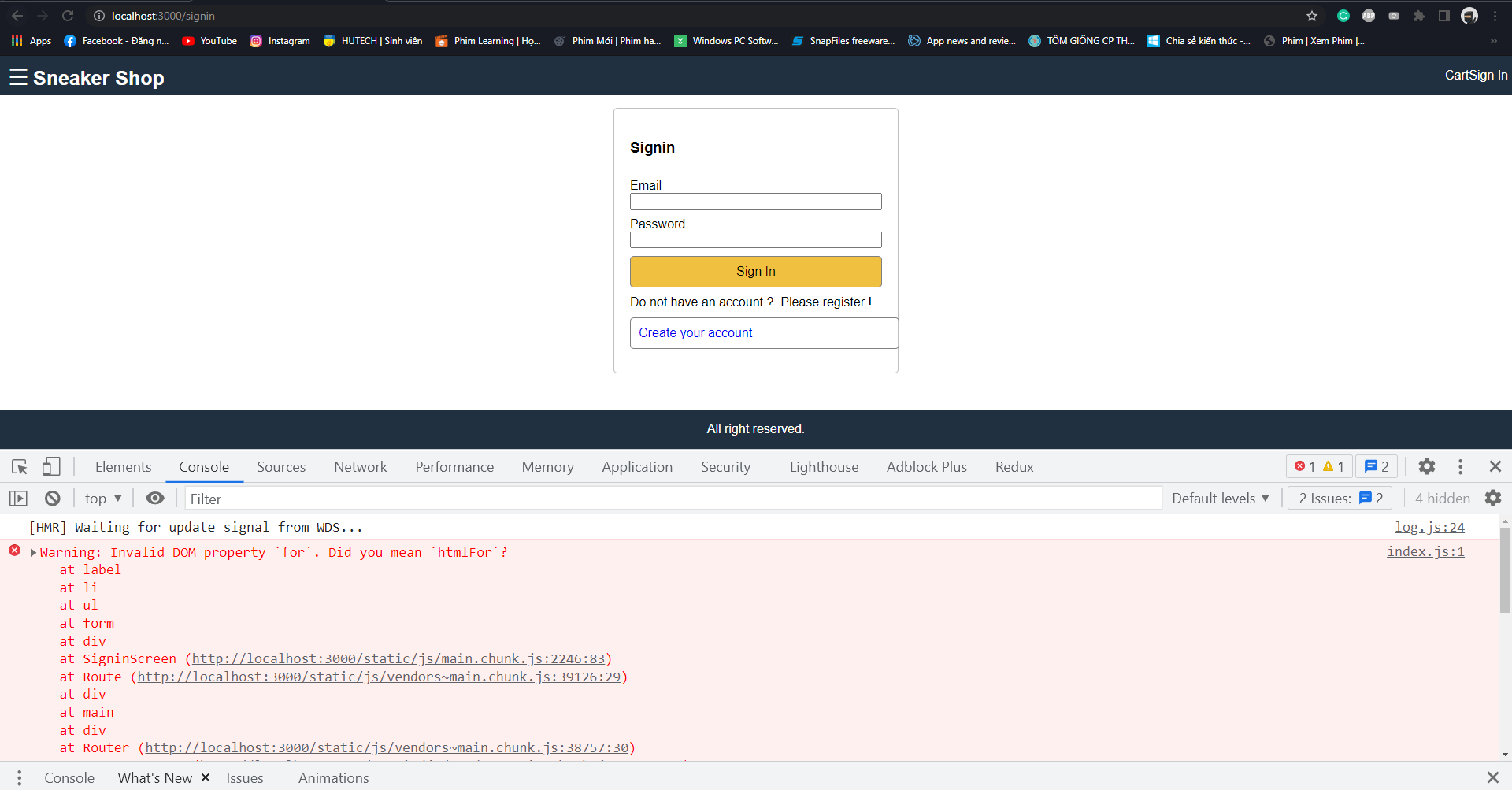
**- Result: to checking ... 3:34:23**



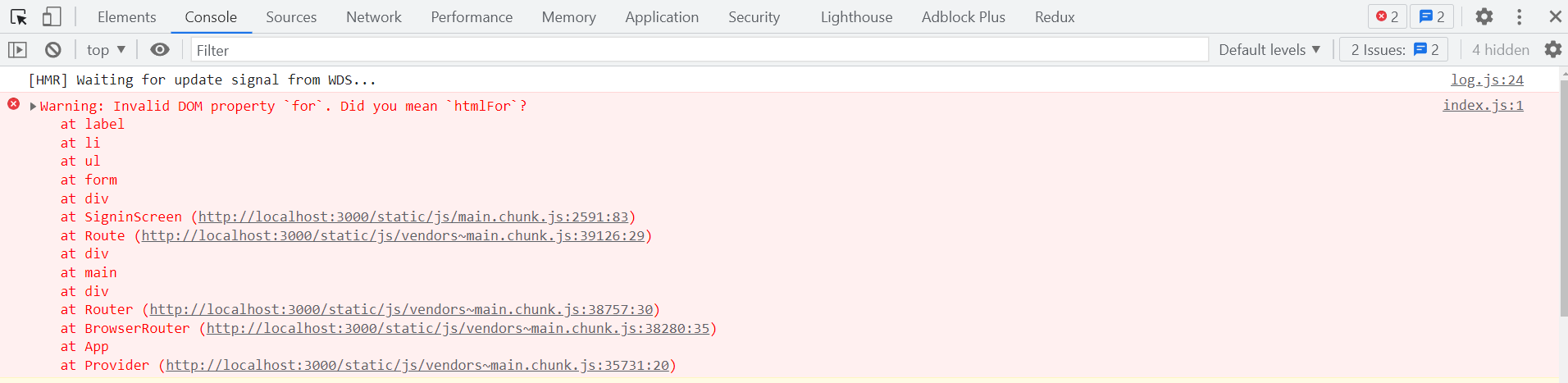
**- Result: to checking ... 3:34:58**



**- Result: to checking ... 3:35:32**

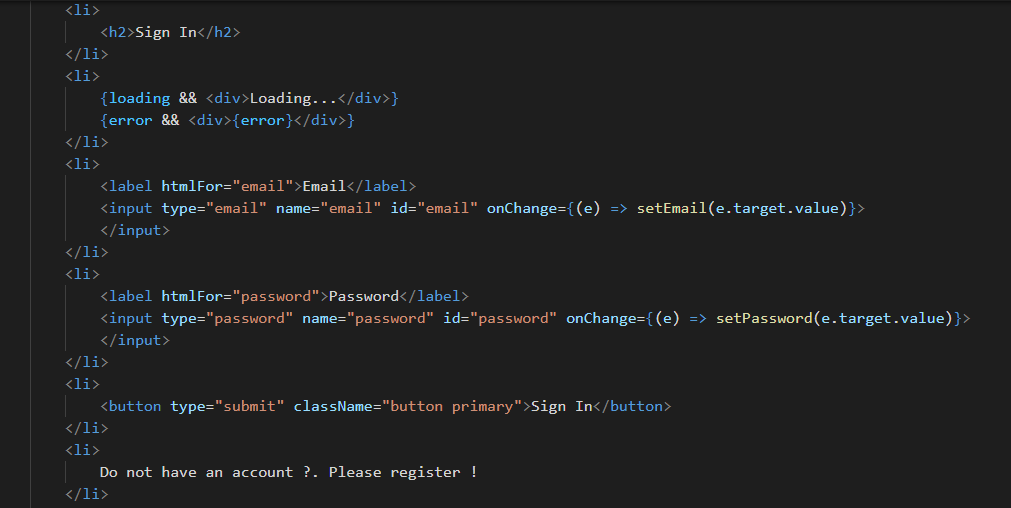


**(Error 1) Lỗi sai attribute trong ReactJS, giữa “for” và “htmlFor”:**

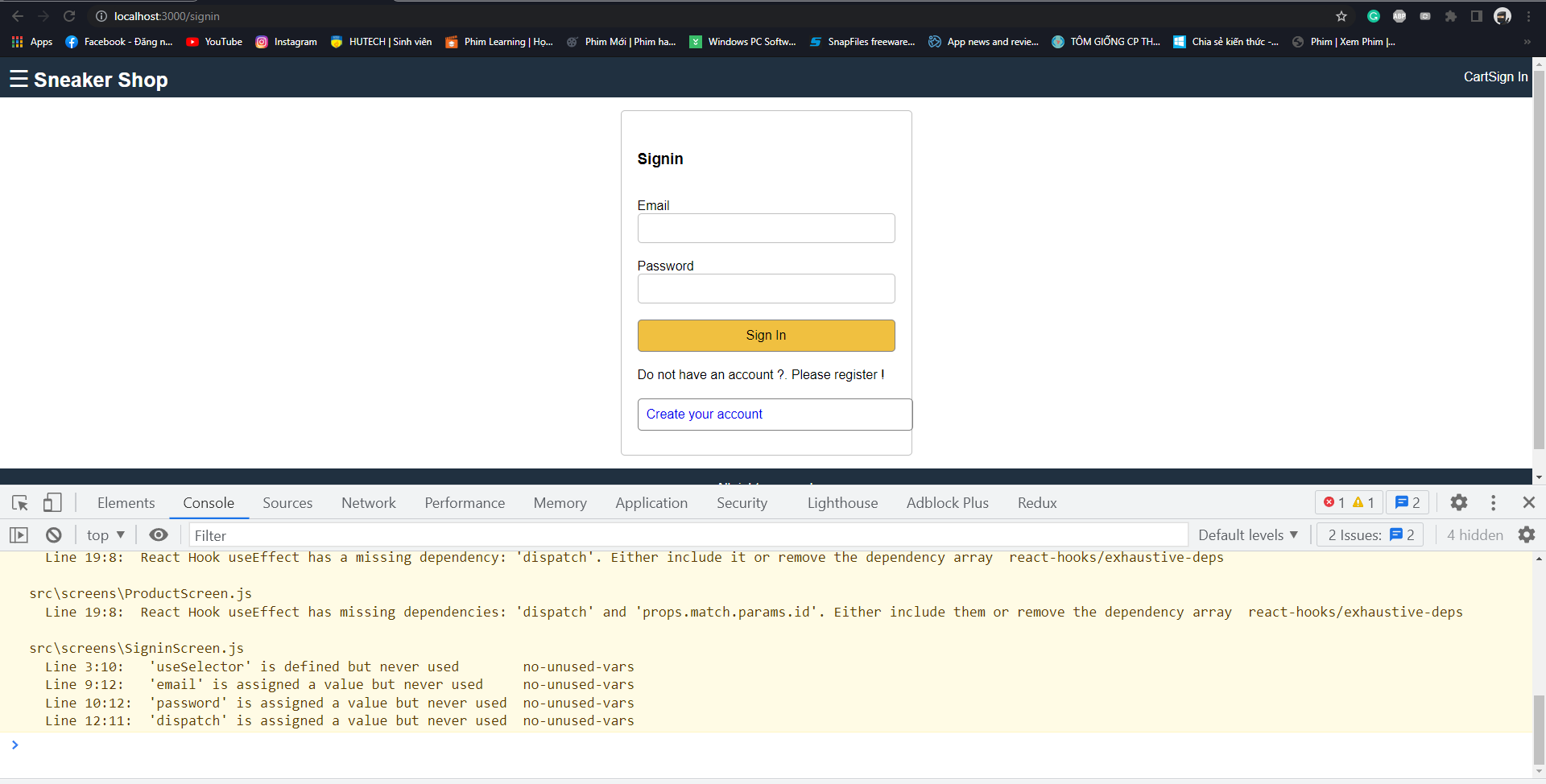


**(Solution (Error 1)):**

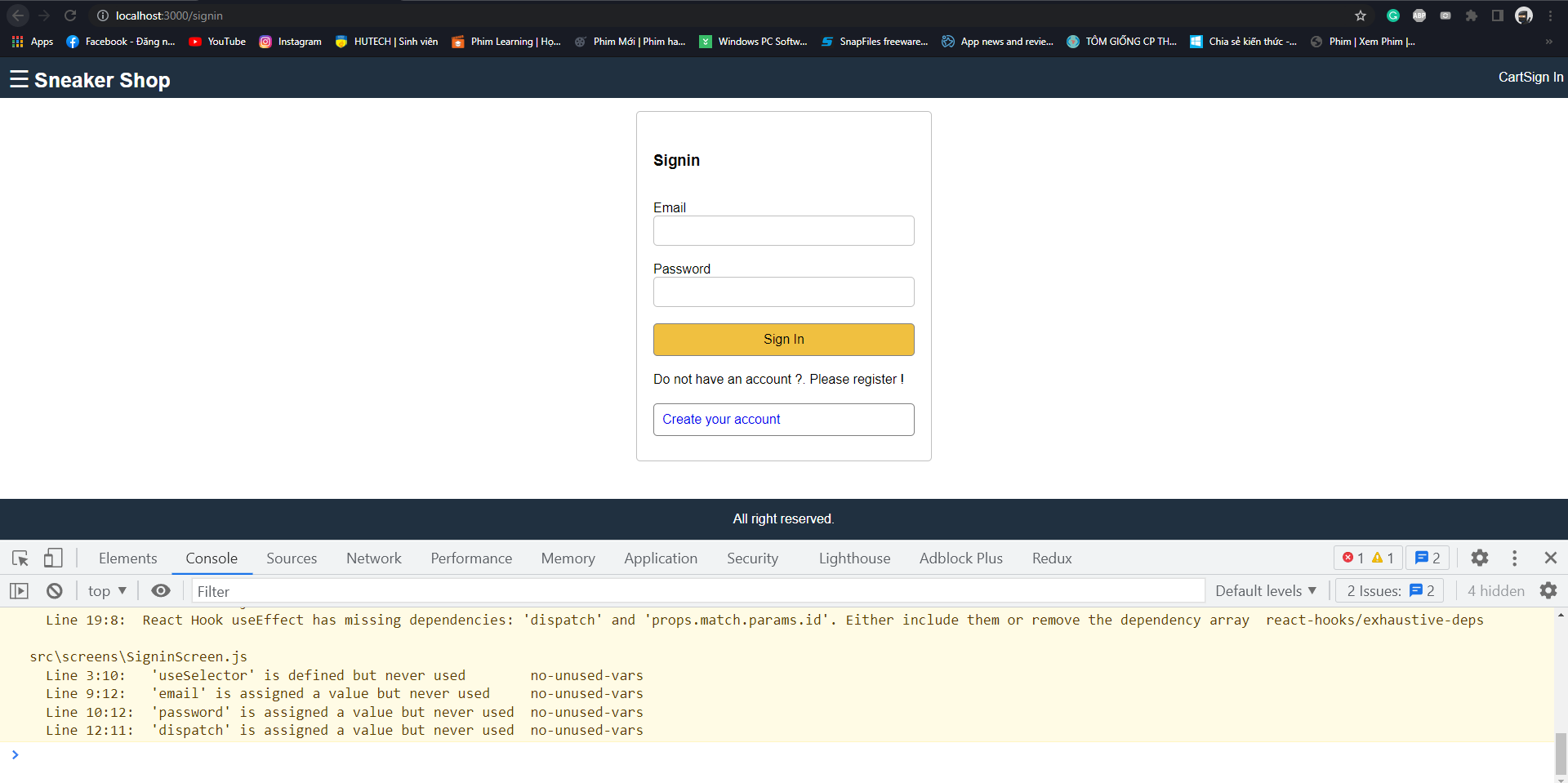
**In “SNEAKER\_ECOMMERCE\_WEBSITE\_PROJECT/frontend/src/screens/SigninScreen.js” file, edited from “for” to “htmlFor”:**



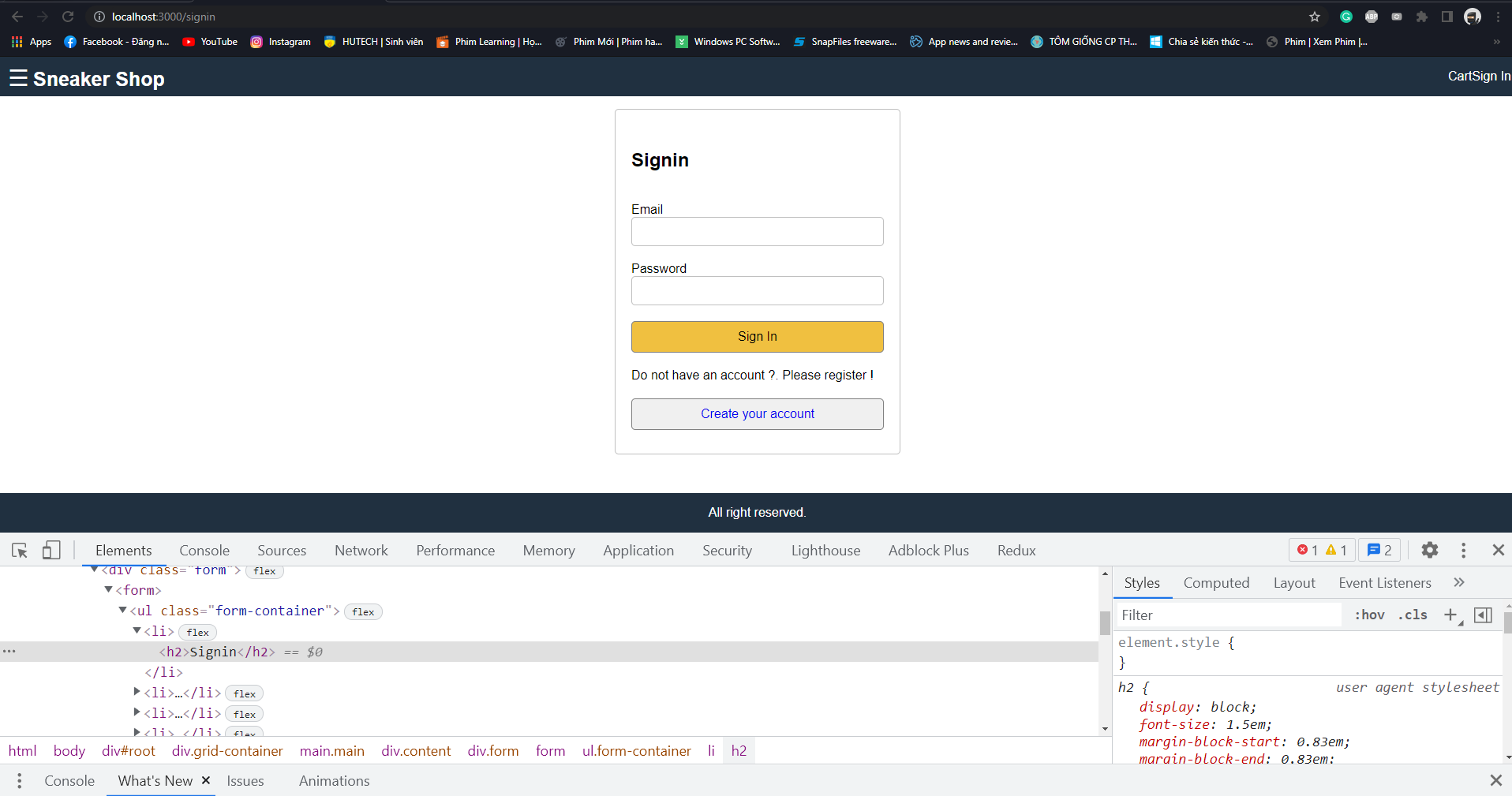
**- Result: to checking ... 3:36:07**



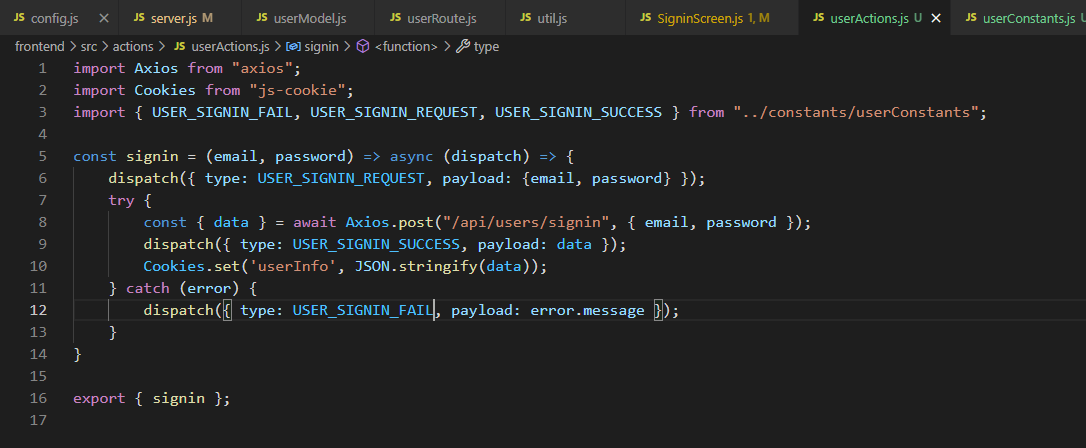
**- Result: to checking ... 3:36:19**



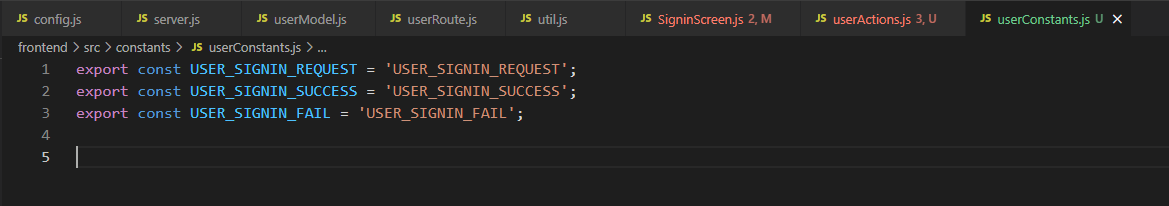
**- Result: to checking ... 3:37:29**



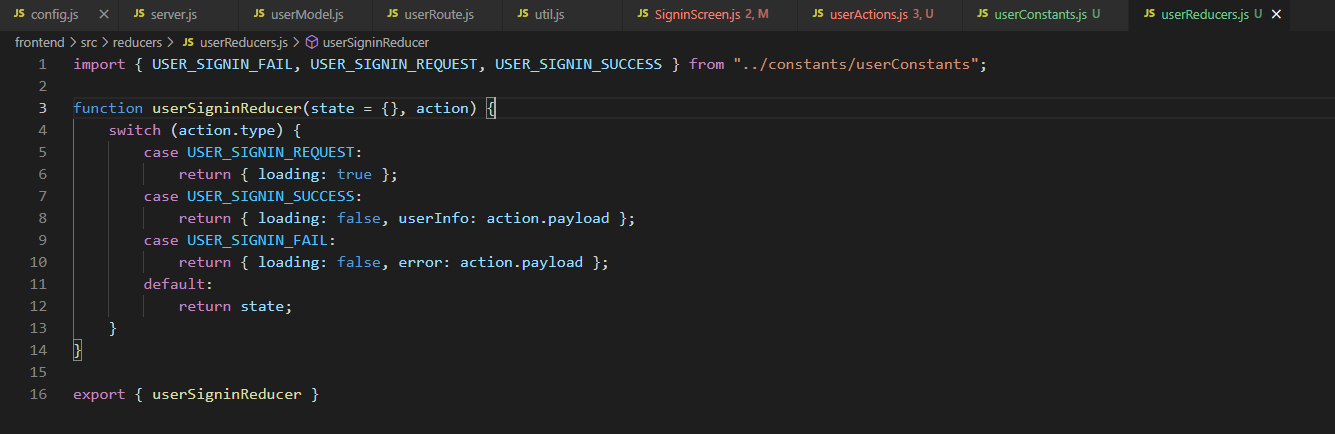
**- Create “SNEAKER\_ECOMMERCE\_WEBSITE\_PROJECT/frontend/src/actions/userActions.js” file, add the following code:**



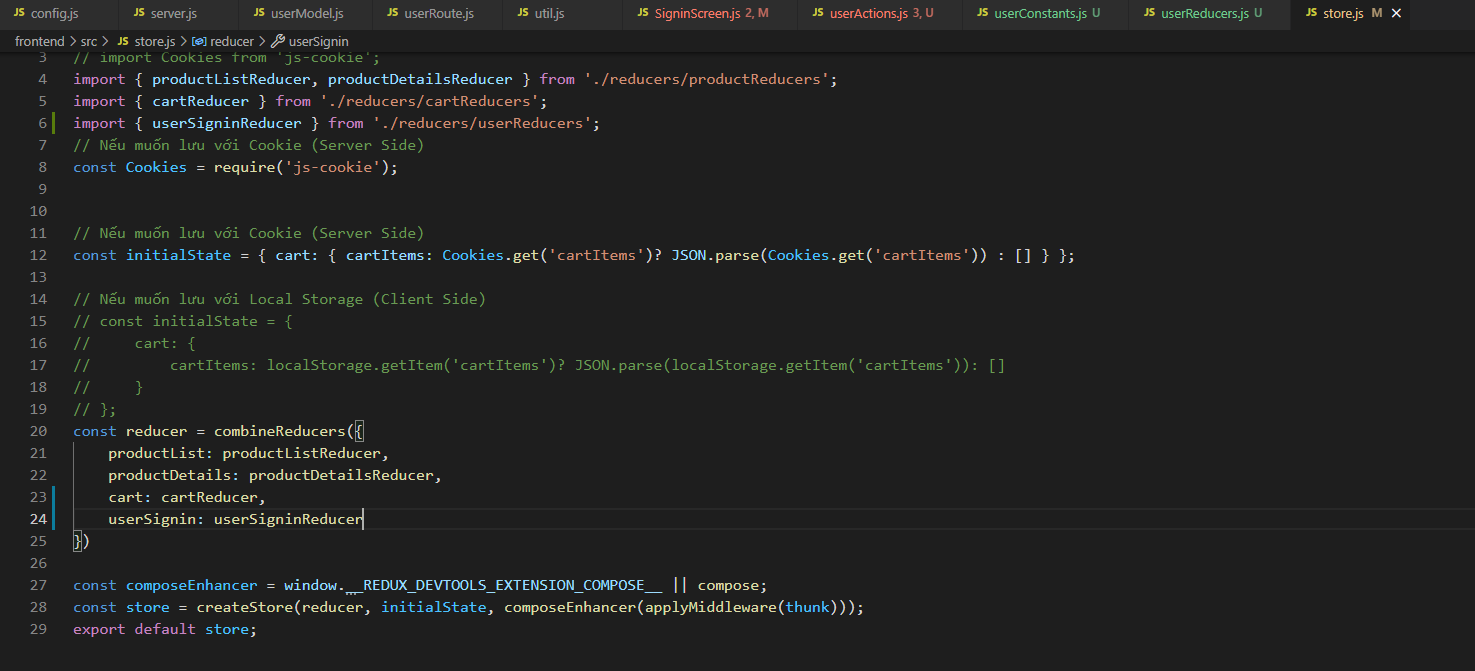
**- Create “SNEAKER\_ECOMMERCE\_WEBSITE\_PROJECT/frontend/src/constants/userConstants.js” file, add the following code:**



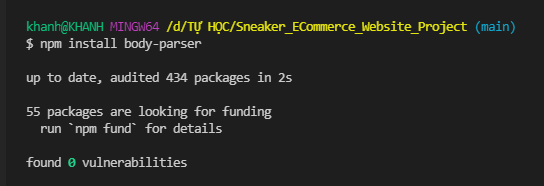
**- Create “SNEAKER\_ECOMMERCE\_WEBSITE\_PROJECT/frontend/src/reducers/userReducers.js” file, add the following code:**



**- In “SNEAKER\_ECOMMERCE\_WEBSITE\_PROJECT/frontend/src/store.js” file, update the following code:**



**- Install “body-parser” (Terminal)**



**- In “SNEAKER\_ECOMMERCE\_WEBSITE\_PROJECT/backend/server.js” file, update the following code:**

// const express = require('express')

// const data = require('./data')

import express from 'express';

import data from './data';

import dotenv from 'dotenv';

import config from './config';

import mongoose from 'mongoose';

import bodyParser from 'body-parser';

import userRoute from './routes/userRoute';

dotenv.config();

const mongodbUrl = config.MONGODB\_URL;

mongoose.connect(mongodbUrl, {

    useNewUrlParser: true

}).catch(error => console.log(error.reason));

const app = express();

// Đại chỉ viết khúc này để test nó có chạy không lỗi khi trình duyệt trả về localhost:5000 không

// app.get('/',(req,res)=>{

//     res.json('abc')

// })

app.use(bodyParser.json());

app.use("/api/users", userRoute);

app.get("/api/products/:id", (req, res) => {

    const productId = req.params.id;

    const product = data.products.find(x=>x.\_id === productId);

    if(product)

        res.send(product);

    else

        res.status(404).send({ msg: "Product Not Found." })

});

app.get("/api/products", (req, res) => {

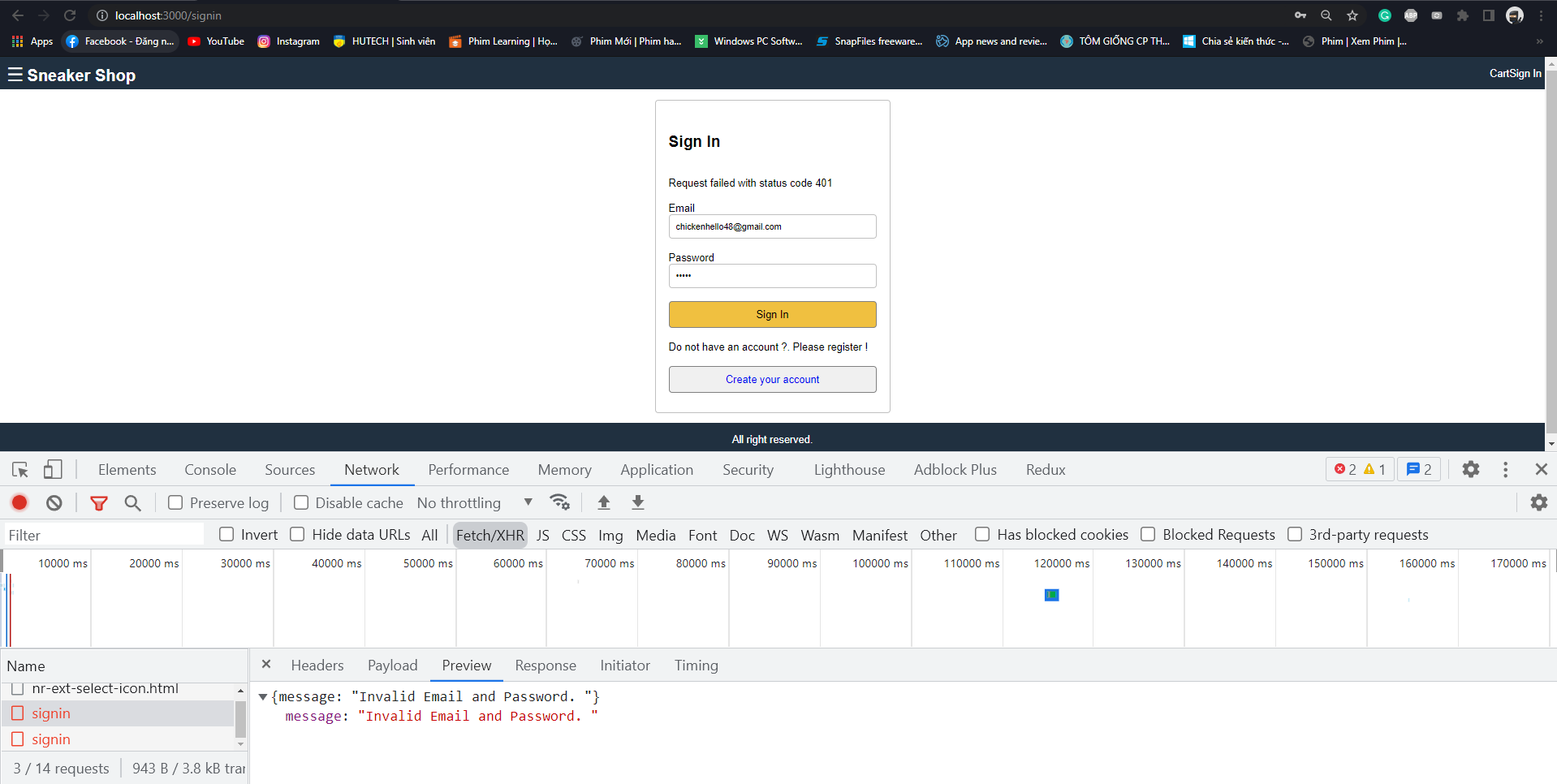
    res.send(data.products);

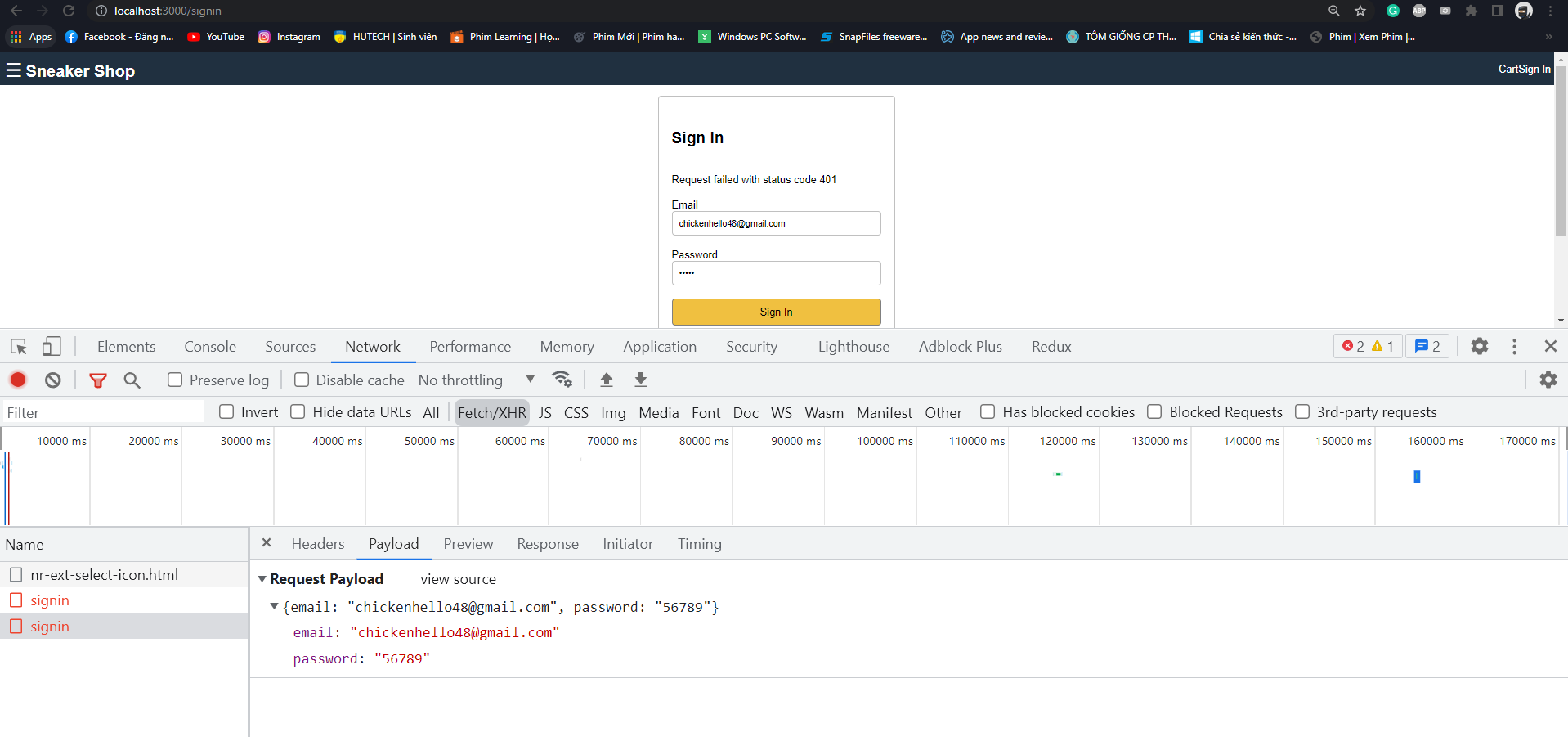
});

// chỉ có pot 5000 mới run dc, sửa thành pot bất kỳ ko đúng là ko run dc

app.listen(5000, () => { console.log("Server started at http://localhost:5000") })

**- Result: to checking ... 3:45:13**





“56789” is the incorrect password

“5678” is the correct password

**Image 1, 2 : Case “entered wrong password” and clicked the Sign In button**

**Image 3 : Case “Entered wrong password”**

**Image 1 : Case “Entered wrong password”**

**- Result 3:21:30**

**(Error 2) Lỗi đã tồn tại email của user trong database:**

**(Solution (Error 2)): Nó chỉ cho phép start server và**

Open and click ‘next’ button