



System Manual

ระบบซื้อขายปลากัดออนไลน์

64-040626-3028-7	ชัชวาลย์ แตงเจริญ
64-040626-3006-6	ณัชภัค จริงดี
64-040626-3005-8	ชาเรฟ เปาจิ
64-040626-3035-0	เดชา บุญมาพาทรัพย์
64-040626-3040-6	ธนัชชัย สารคุณ

เสนอ

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คำนำ

เอกสารฉบับนี้มีการอธิบายการทำงานของ Code ในแต่ละไฟล์โดยจะเน้นในการอธิบายการทำงานหลัก ของแต่ละไฟล์โดยใช้รูปที่นิยมข้อความภายในการอธิบาย

1.pages/Login.jsx

The screenshot shows the Visual Studio Code interface with the following details:

- File Path:** src > pages > Login.jsx
- Code Editor Content:** The code for the Login component. It imports React, reactstrap, motion, and various Firebase modules. It uses useState and useNavigate hooks. The logic handles user login via email and password, displaying success or error messages using toast. It also includes a loading state and a helmet title.
- Explorer View:** Shows the project structure with files like Signup.jsx, Cart.jsx, Checkout.jsx, Home.jsx, ProductDetails.jsx, Shop.jsx, and Signup.jsx.
- Bottom Status Bar:** Shows file statistics (Ln 36, Col 31), encoding (UTF-8), and system information (34°C, 6:25 PM, 4/8/2023).

Login.jsx ฉบับที่ 1

File Edit Selection View Go Run Terminal Help

EXPLORER

BETTA-ECOMMERCE-MAIN

- node_modules
- public
- src
 - admin
 - assets
 - custom-hooks
 - useGetData.js
 - userAuth.js
 - Footer
 - Header
 - Helmet
 - helmet.js
 - Layout
 - Layout.jsx
 - pages
 - Cart.jsx
 - Checkout.jsx
 - Home.jsx
 - Login.jsx
 - ProductDetails.jsx
 - Shop.jsx
 - Signup.jsx
 - redux
 - slices
 - cartSlice.js
 - store.js
 - routers
 - protectedRoute.js
 - routers.js
 - service
 - styles
 - add-products.css
 - admin-nav.css
 - cart.css
 - check-out.css
 - common-section.css
 - home.css
 - login.css
 - product-cart.css
 - product-details.css

OUTLINE

TIMELINE

File Explorer

Search Bar

Code Editor (Login.jsx)

```
src > pages > Login.jsx > login
```

```
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```

```

        (
            <Col lg='12' className="text-center">
                <h5 className="fw-bold">Loading....</h5>
            </Col>
        ):(
            <Col lg='6' className="m-auto text-center">
                <h3 className="fw-bold fs-4">Login</h3>

                <Form className="auth_form" onSubmit={login} > //เมื่อกดลงFormเรียกฟังก์ชัน login()
                    <FormGroup className="form_group">
                        <input type="email" placeholder="Enter your Email" value={email} onChange={e=>setEmail(e.target.value)} /> //setemail สำหรับ input email
                    </FormGroup>
                    <FormGroup className="form_group">
                        <input type="password" placeholder="Enter your password" value={password} onChange={e=>setPassword(e.target.value)} /> // setPassword สำหรับ input password
                    </FormGroup>
                    <button className="buy_btn login" type="submit">Login</button>
                    <p>Don't have an account? <a href="/signup">Create an account</a></p> //เมื่อไม่มี Account ให้ลิ้งค์ไปหน้า Signup
                </Form>
            </Col>
        )
    </Row>
</Container>
</Section>
</Helmet>
}

export default Login;
```

Preview

Login

Enter your Email

Enter your password

Login

Don't have an account? [Create an account](#)

Ln 36, Col 31 Spaces: 4 UTF-B LF () JavaScript JSX Go Live

34°C หนูนากเขินน้อย ENG 6:25 PM 4/8/2023

Login.jsx ครุฑี 2

2. pages/Signup.jsx

The screenshot shows the Visual Studio Code interface with the following details:

- File Explorer:** Shows the project structure under "BETTA-ECOMMERCE-MAIN". The "pages" folder contains files like Cart.jsx, Checkout.jsx, Home.jsx, Login.jsx, ProductDetail.jsx, Shop.jsx, and Signup.jsx, with Signup.jsx currently selected.
- Code Editor:** Displays the content of the Signup.jsx file. The code handles user registration, including state management for form inputs and file uploads, and performs an asynchronous signup operation using Firebase's createUserWithEmailAndPassword method. It also handles file upload to Firebase Storage and retrieves the download URL.
- Terminal:** Shows the message "webpack compiled successfully".
- Status Bar:** Provides build information: "Ln 25, Col 1" and "Note that the development build is not optimized. To create a production build, use `npx run build`". It also shows the current date and time: "4/8/2023 8:03 PM".

Signup.jsx จุดที่ 1

The screenshot shows the Visual Studio Code interface with the following details:

- File Explorer:** On the left, it displays the project structure for "BETTA-ECOMMERCE-MAIN". The "pages" folder contains files like Cart.jsx, Checkout.jsx, Home.jsx, Login.jsx, ProductDetails.jsx, Shop.jsx, and Signup.jsx.
- Code Editor:** The main area shows the content of the Signup.jsx file. The code handles user profile update and Firestore database storage. It includes comments in Thai explaining the purpose of certain steps.

```
getDownloadURL(uploadTask.snapshot.ref).then(async(downloadURL)=>{  
    //update user profile  
    await updateProfile(user,{  
        displayName:username, ชื่อผู้ใช้ที่ใช้สำหรับ user  
        photoURL:downloadURL,  
    });  
  
    // store user data in firestore database  
    await setDoc(doc(db,"users",user.uid),{  
        uid:user.uid,  
        displayName:username, บันทึกชื่อผู้ใช้ใน database  
        email,  
        photoURL:downloadURL,  
    });  
};  
  
setLoading(false);  
toast.success("Account created"); แจ้งเตือนว่าสมัครบัญชีสำเร็จ  
navigate("/login");  
  
}  
]  
catch (error) {  
  
    setLoading(false);  
    toast.error("something went wrong") แจ้งเตือนว่าสมัครบัญชีไม่สำเร็จ  
}  
}  
  
//setEmail("")  
// setPassword("")  
};  
return(  
    <Helmet title={"Sign-up"}>  
    <section>
```
- Terminal:** At the bottom, the terminal shows the message: "webpack compiled successfully".
- Status Bar:** The status bar at the bottom right shows the date (4/8/2023), time (8:03 PM), and system information (31°C, 80% battery).

Signup.jsx รุปที่ 2

Signup.jsx - Beta-commerce-main - Visual Studio Code

File Edit Selection View Go Run Terminal Help

EXPLORER

BETTA-ECOMMERCE-MAIN

- node_modules
- public
- src
 - admin
 - assets
 - custom-hooks
 - useGetData.js
 - userAuth.js
 - Footer
 - Header
 - Helmet
 - helmet.js
 - Layout
 - Layout.jsx
 - pages
 - Cart.jsx
 - Checkout.jsx
 - Home.jsx
 - Login.jsx
 - ProductDetails.jsx
 - Shop.jsx
 - Signup.jsx
 - redux
 - slices
 - cartSlice.js
 - store.js
 - routers
 - protectedRoute.js
 - routers.js
 - service
 - styles
 - UI
 - App.oss
 - App.js
 - firebase.config.js
 - index.js
 - .gitignore
 - package-lock.json
 - package.json
 - README.md

PROBLEMS ② OUTPUT DEBUG CONSOLE TERMINAL

Note that the development build is not optimized.
To create a production build, use `npm run build`.

webpack compiled successfully

Signup.jsx - Line 64, Col 13 | Spaces: 4 | UTF-8 | LF | JavaScript JSX | Go Live | powershell | node | node

Signup

Enter your email
Enter your Username
Enter your password
Choose File
Create an account
Already have an account? [Login](#)

```

<Form className="auth__form" onSubmit={signup}> เมื่อ click submit นี้จะ執行 function signup()
  <FormGroup className="form__group">
    <Input type="email" placeholder="Enter your email" value={email} onChange={e=>setEmail(e.target.value)} set รำ email ที่รุ่น user required />
  </FormGroup>
  <FormGroup className="form__group">
    <Input type="text" placeholder="Enter your Username" value={username} onChange={e=>setUsername(e.target.value)} set รำ username ที่รุ่น user required />
  </FormGroup>
  <FormGroup className="form__group">
    <Input type="password" placeholder="Enter your password" value={password} onChange={e=>setPassword(e.target.value)} set รำ password ที่รุ่น user required />
  </FormGroup>
  <FormGroup className="form__group">
    <Input type="file" onChange={e=>setFile(e.target.files[0])} set file ที่ได้upload ที่รุ่น user required />
  </FormGroup>
  <button className="buy_btn login" type="submit">Create an account</button>
  <p>Already have an account?<a href="#">Login</a></p>

```

Signup.jsx วันที่ 3

3. pages/Shop.jsx -

Import library

ใช้ useState ในมิส Set สำหรับการเปลี่ยนสถานะ

ฟังก์ชันในการ Filler ปลากัดชนิดต่างๆ

ฟังก์ชันในการค้นหาปลา กดโดยค้นหาจาก input ที่กรอกมา

```
import React, {useEffect, useState} from "react";
import { Col, Container, Row } from "reactstrap";
import Helmet from "../Helmet/helmet";
import "./styles/shop.css";
import ProductList from "../UI/productList";
import { collection, getDocs } from "firebase/firestore";
import { db } from "../firebase.config";
import useGetData from "../custom-hooks/useGetData";

const Shop = ()=>{
  const [data:product,loading] = useGetData("product");
  const [productsData,setProductsData] = useState([[]]);

  const handlerFilter = (event)=>{
    const filtertValue = event.target.value;
    if (filtertValue === "Betta splendens")
    {
      const filterProducts = product.filter(item =>item.category === "Betta splendens")
      setProductsData(filterProducts)
    }
    if (filtertValue === "Betta coccina")
    {
      const filterProducts = product.filter(item =>item.category === "Betta coccina")
      setProductsData(filterProducts)
    }
    if (filtertValue === "Betta albimarginata")
    {
      const filterProducts = product.filter(item =>item.category === "Betta albimarginata")
      setProductsData(filterProducts)
    }
    if(filtertValue === "all")
    {
      setProductsData(product)
    }
  }

  const handlerSearch = (event)=>{
    const searchTeam = event.target.value;
    const searchProducts = product.filter(item =>item.productName.toLowerCase().includes(searchTeam.toLowerCase())));
  }
}

const Shopjsx = ()=>{
  return (
    <Container>
      <Row>
        <Col>
          <Helmet>
            <meta name="viewport" content="width=device-width, initial-scale=1" />
            <meta name="description" content="Betta-e-commerce" />
            <meta name="keywords" content="Betta, Betta splendens, Betta coccina, Betta albimarginata, Betta-e-commerce" />
            <meta name="author" content="Betta-e-commerce" />
            <meta name="robots" content="index, follow" />
            <meta name="og:title" content="Betta-e-commerce" />
            <meta name="og:description" content="Betta-e-commerce" />
            <meta name="og:type" content="website" />
            <meta name="og:url" content="https://www.betta-e-commerce.com" />
            <meta name="og:image" content="https://www.betta-e-commerce.com/images/logo.png" />
          </Helmet>
          <Shop/>
        </Col>
      </Row>
    </Container>
  );
}

export default Shopjsx;
```

Shop.jsx วันที่ 1

Shop.jsx - SE-project - Visual Studio Code

File Edit Selection View Go Run Terminal Help

EXPLORER OPEN EDITORS

Shop.jsx Betta.jsx

Betta-commerce > src > pages > Shop.jsx

```
const handlerSearch = (event) => {
    const searchTerm = event.target.value;
    const searchProducts = products.filter(item => item.productName.toLowerCase().includes(searchTerm.toLowerCase()))
    setProductsData(searchProducts)
}

const fetchData = async () => {
    await getDocs(collection(db, "product"))
    .then(querySnapshot) => {
        const data = querySnapshot.docs.map(doc => ({...doc.data(), id: doc.id}))
        setProductsData(data)
        console.log(productsData, data);
    }
}
useEffect(() => {
    fetchData();
}, []);

return (
    <Helmet title = {"SHOP"}>
        <section>
            <Container>
                <Row>
                    <Col lg="3" md="3">
                        <div className="Filter__widget">
                            <select onClick={handlerFilter}>
                                <option value="all">Filter by Category (All)</option>
                                <option value="Betta splendens">Betta splendens</option>
                                <option value="Betta coccina">Betta coccina</option>
                                <option value="Betta albimarginata">Betta albimarginata</option>
                            </select>
                        </div>
                    </Col>
                    <Col lg="6" md="6">
                        <div className="search_box">
                            <input type="text" placeholder="search...." onChange={handlerSearch} />
                            <span>

```

พิงก์ขึ้นในการค้นหาปลากัดโดยค้นหาจาก input ที่กรอกมา

พิงก์ขึ้นดึงข้อมูลจากฐานข้อมูล

แสดง Dropdown เลือกชื้นของปลาคัด

โดยถ้ามีการปุ่นให้ทำการเช็คแล้วแสดงแค่บันทึกที่เลือกเท่านั้น

PROBLEMS TERMINAL OUTPUT COMMENTS DEBUG CONSOLE

powershell +

Ln 1 Col 1 Spaces 4 UTF-8 CRLF JavaScript JSX Go Live

98°F มีเมฆ 3:41 PM ENG 4/10/2023

Type here to search

Shop.jsx วันที่ 2

File Edit Selection View Go Run Terminal Help

Shop.jsx - SE-project - Visual Studio Code

EXPLORER

SE-PROJECTS Beta-commerce

Betta-commerce > src > pages > Shop.jsx

```
77     <i className="ri-search-line"></i>
78   </span>
79 </div>
80 </Col>
81 </Row>
82 </Container>
83 </section>
84 <section>
85   <Container>
86     <Row>
87       productsData.length === 0? <h1>No products are found!</h1>:
88       <ProductList data={productsData}/>
89     </Row>
90   </Container>
91 </Section>
92 </Container>
93 </Section>
94
95
96
97   </Helmet>
98
99 }
100
101 export default Shop;
```

PROBLEMS TERMINAL OUTPUT COMMENTS DEBUG CONSOLE

powershell +

PS C:\Users\ASUS\Desktop\doc\Work\Y2_2_2565\Software_Engineering\SE-project>

main Live Share Connected to Discord

Type here to search

Shop.jsx งบที่ 3

4. pages/Cart.jsx

The screenshot shows the Visual Studio Code interface with the following details:

- File Explorer:** Shows the project structure under "BETTA-ECOMMERCE-MAIN". The "pages" folder contains "Cart.jsx", "Checkout.jsx", "Home.jsx", "Login.jsx", "ProductDetails.jsx", "Shop.jsx", and "Signup.jsx".
- Editor:** The "Cart.jsx" file is open. The code handles the display of items in the cart and provides functionality to delete items.
- Code Snippet:**

```
const Tr = ({item})=> {  
  const dispatch = useDispatch()  
  const deleteProduct = ()=>{  
    dispatch(cartAction.deleteItem(item.id))  
  }  
  return (<tr>  
    <td><img src={item.imageUrl}></td> แสดงผลเป็นรูปถ่ายของ商品  
    <td>{item.productName}</td>  
    <td>{item.price}</td>  
    <td>{item.quantity}</td>  
    <td><motion> <motion>1 whileTap={scale:1.2} onClick={deleteProduct}> </motion> </td>  
    </tr>  
);  
};  
;
```
- Terminal:** Shows the message "webpack compiled successfully".
- Status Bar:** Displays the date "4/8/2023", time "8:18 PM", and weather "31°C บ้านท่าแพ".

Cart.jsx วันที่ 1

```
src > pages > Cart.jsx > Cart
```

```
1 import './styles/cart.css';
2 import React from "react";
3 import { Col, Container, Row } from 'reactstrap';
4 import Helmet from "../Helmet/helmet";
5 import { useSelector, useDispatch } from 'react-redux';
6 import { cartAction } from '../redux/slices/cartSlice';
7 import { motion } from 'framer-motion';
8 import { Link } from 'react-router-dom';
9
10 const Cart = ()=>{ Component Cart
11   const cartItems = useSelector((state)=> state.cart.cartItems); Item ໃນທະກຳ
12   const totalAmount = useSelector((state)=> state.cart.totalAmount); ລາຄາຮວມ
13   return(
14     <Helmet title = "Cart">
15       <section>
16         <Container>
17           <Row>
18             <Col lg="9">
19               {
20                 cartItems.length === 0? ເພື່ອວ່າຈຳລັນດັບໃນທະກຳຫຼືໄວ້
21                 (
22                   <h2 className="fs-4 text-center">No item added to cart</h2> ດ້ວຍເນື້ອສົດ ຊົ້ວໂລກ
23                 ):<
24                   <table className="table bordered">
25                     <thead> ພັດທະນາຂອງCart
26                       <tr>
27                         <th>Image</th>
28                         <th>Title</th>
29                         <th>Price</th> ປະກອບຕ້ອງ ຮູບ ,ຊື່ສິນຄ້າ,ລາຄາ,ຈຳນວນ ,ລັບຍະທີໃຫຍ່ສິນຄ້ານັ້ນ
30                         <th>Qty</th>
31                         <th>Delete</th>
32                     </thead>
33                     <tbody>
34                       {
35                         cartItems.map((item,index)=>(
36                           <Tr item={item} key={index}/> map cartItem
37                         ))
38                     </tbody>
39                   </table>
40                 </Col>
41               </Row>
42             </Container>
43           </section>
44         </Helmet>
45       )
46   )
47 }
```

Note that the development build is not optimized.
To create a production build, use `npm run build`.

webpack compiled successfully

Cart.jsx ຖື່ນທີ 2

5. pages/ProductDetails.jsx

The screenshot shows the Visual Studio Code interface with the following details:

- File Explorer:** Shows the project structure for "Beta-commerce". The "ProductDetails.jsx" file is selected and highlighted in red.
- Editor:** Displays the code for "ProductDetails.jsx".

```
import "../styles/product-details.css";
import { useParams } from "react-router-dom";
import products from "../assets/data/products";
import React, {useState,useRef} from "react";
import { Col, Container, Row } from "reactstrap";
import Helmet from "../Helmet/helmet";
import { motion } from "framer-motion";
import ProductList from "../UI/productlist";
import { useDispatch } from 'react-redux';
import { cartAction } from '../redux/slices/cartSlice';
import { toast } from 'react-toastify';
import useGetData from "../custom-hooks/useGetData";

const ProductDetails = ()=>{
  const [data:productsData,loading] = useGetData("product");
  const dispatch = useDispatch();
  const [id] = useParams();
  const fetchData = productsData.filter(item=> item.id == id);
  //const [ImgUrl, productName,price ,colour,date,size,gender,category] = fetchData[0];
  const addtocart = ()=>{
    dispatch(cartAction.addItem({
      id:fetchData[0].id,
      productName:fetchData[0].productName,
      price:fetchData[0].price,
      imgurl:fetchData[0].imgUrl,
      size:fetchData[0].size,
      gender:fetchData[0].gender,
      date:fetchData[0].date,
      colour:fetchData[0].colour
    }));
    toast.success("product added to the cart");
  }
  return(
    <Helmet>
      <section ><Container>
        <Row>

```
- Terminal:** Shows the command prompt output:

```
PS C:\Users\ASUS\Desktop\doc\Work\Y2\2_2565\Software_Engineering\SE-project>
History restored
```
- Status Bar:** Shows the current file path, line number (Ln 73), column number (Col 23), and other system information like temperature (96°F) and battery level (4/10/2023).

ProductDetails.jsx จัดทำโดย

The screenshot shows a Visual Studio Code interface with the following details:

- File Explorer:** Shows the project structure under "SE-project".
- Editor:** The main editor window displays `ProductDetails.jsx`. The code is annotated with Thai text:
 - Line 41: แสดงรูปภาพสินค้า
 - Line 56: ตั้งชื่อ屬性จากฐานข้อมูลโดยมี Species เพศ ขนาด สี ราคา
 - Line 61: เมื่อกดปุ่ม Add to Cart ให้เรียก ฟังก์ชัน addToCart
- Bottom Status Bar:** Shows file paths (PS: C:\Users\ASUS\Desktop\doc\Work\Y2\2_2565\Software_Engineering\SE-project), line 73, column 23, and other status indicators.
- Taskbar:** Shows icons for File, Selection, View, Go, Run, Terminal, Help, and a Live Share icon.

ProductDetails.jsx ឧបត្ថម្ធ 2

6. pages/Home.jsx

The screenshot shows the Visual Studio Code interface with the following details:

- File Explorer:** Shows the project structure under "BETTA-ECOMMERCE-MAIN". The "pages" folder contains "Home.jsx", which is currently selected.
- Code Editor:** Displays the content of "Home.jsx". The code uses React, useState, useEffect, reactstrap, framer-motion, and react-router-dom. It filters products by category ("Betta splendens") and displays them in a grid.
- Preview:** A right-hand panel shows a preview of the application's homepage. It features a hero section with a Betta fish image, a "SHOP FOR BETTA NOW" button, and a "BETTA ECOMMERCE" heading. Below the hero section, there is descriptive text about Betta Fishes and a "SHOW MORE" button.
- Terminal:** Shows the message "webpack compiled successfully".
- Bottom Status Bar:** Includes icons for powershell, node, and node.js, along with system information like temperature (30°C), battery level (945 PM), and date (4/8/2023).

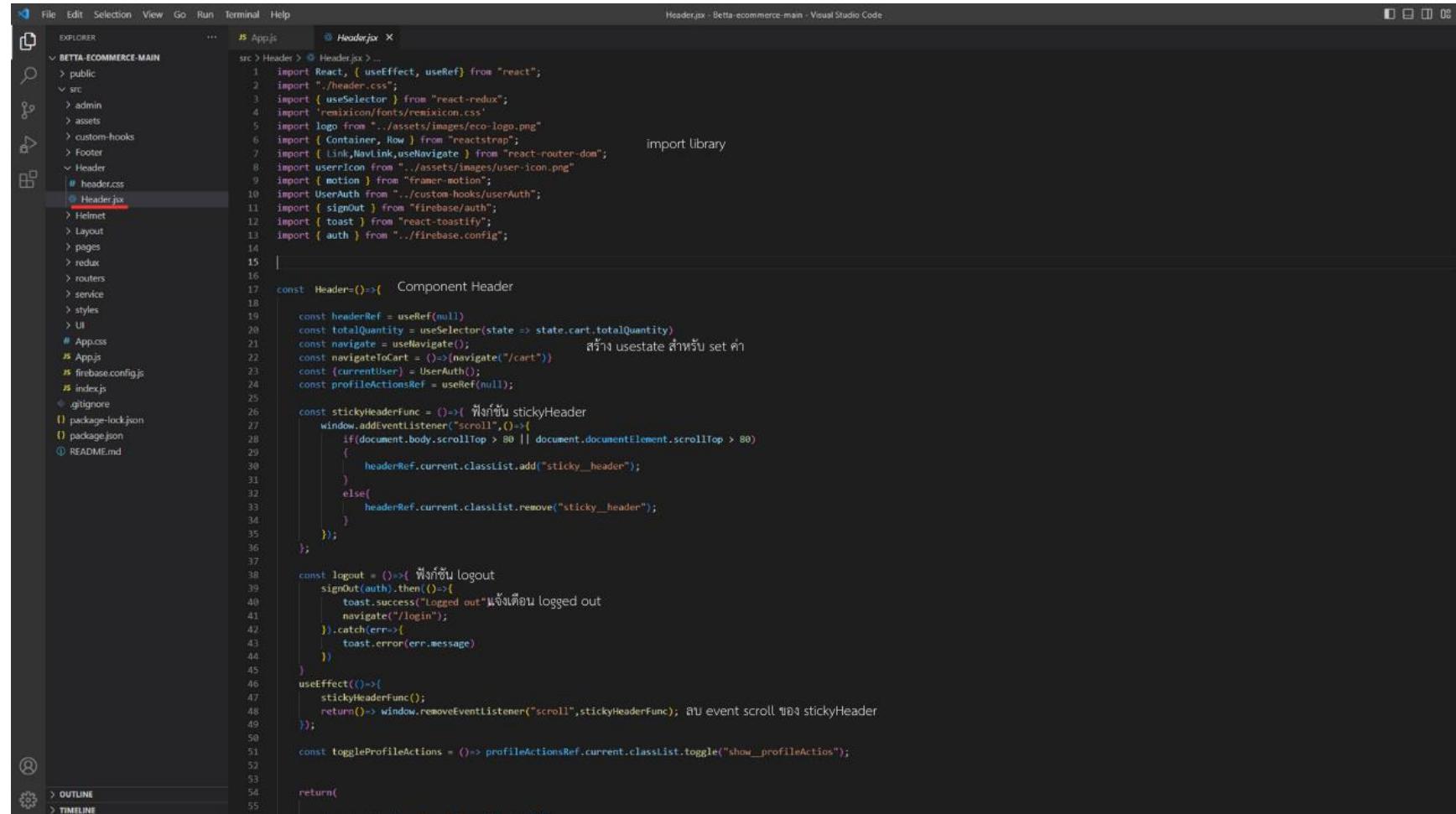
Home.jsx ချုပ်၏ ၁

The screenshot shows the Visual Studio Code interface with the following details:

- File Structure (EXPLORER):** The project structure for "BETTA-E-COMMERCE-MAIN" is visible, including files like `Users.jsx`, `assets`, `custom-hooks`, `Footer`, `Header`, `Helmet`, `Layout`, `pages`, `redux`, `slices`, `routers`, `service`, and `styles`. The file `Home.jsx` is currently selected.
- Code Editor:** The code for `Home.jsx` is displayed. It includes a hero image component, a section for trending products, and a message for when no products are found. The code uses JSX and includes imports for `useGetDatas.js` and `userAuth.js`.
- Terminal:** The terminal shows the output of a webpack build command: `webpack compiled successfully`.
- Bottom Status Bar:** The status bar shows the current line (Ln 42), column (Col 35), and space count (Spaces: 4). It also indicates the file type (JavaScript JSX) and provides links for Go Live, powershell, and node.

Home.jsx ຈຸ່ປັກ 2

7.Header/Header.jsx



The screenshot shows the Visual Studio Code interface with the following details:

- File Explorer:** Shows the project structure under "BETTA-ECOMMERCE-MAIN". The "Header" folder is expanded, showing "header.css" and "Header.jsx".
- Editor:** The active file is "Header.jsx". The code is as follows:

```
Header.jsx - Beta-commerce main - Visual Studio Code

File Edit Selection View Go Run Terminal Help

EXPLORER ... JS App.js Header.jsx

BETTA-ECOMMERCE-MAIN
  > public
  > src
    > admin
    > assets
    > custom-hooks
    > Footer
    > Header
      # header.css
      Header.jsx
    > Helmet
    > Layout
    > pages
    > redux
    > routers
    > service
    > styles
    > UI
  # App.css
  # App.js
  # firebase.config.js
  # index.js
  .gitignore
  package-lock.json
  package.json
  README.md

Header.jsx

1 import React, { useEffect, useRef } from "react";
2 import "./header.css";
3 import { useSelector } from "react-redux";
4 import "remixicon/fonts/remixicon.css"
5 import logo from "../assets/images/eco-logo.png"
6 import { Container, Row } from "reactstrap";
7 import { Link, NavLink, useNavigate } from "react-router-dom";
8 import userIcon from "../assets/images/user-icon.png"
9 import { motion } from "framer-motion";
10 import UserAuth from "../custom-hooks/UserAuth";
11 import { signOut } from "firebase/auth";
12 import { toast } from "react-toastify";
13 import { auth } from "../firebase/config";
14
15
16 const Header = () => {
17   Component Header
18
19   const headerRef = useRef(null)
20   const totalQuantity = useSelector(state => state.cart.totalQuantity)
21   const navigate = useNavigate();
22   const navigateToCart = () => navigate("/cart");
23   const currentUser = UserAuth();
24   const profileActionsRef = useRef(null);
25
26   const stickyHeaderFunc = () => {
27     window.addEventListener("scroll", () => {
28       if(document.body.scrollTop > 80 || document.documentElement.scrollTop > 80)
29       {
30         headerRef.current.classList.add("sticky_header");
31       }
32       else{
33         headerRef.current.classList.remove("sticky_header");
34       }
35     });
36   };
37
38   const logout = () => {
39     signOut(auth).then(() => {
40       toast.success("Logged out");
41       navigate("/login");
42     }).catch(err=>{
43       toast.error(err.message);
44     })
45   }
46   useEffect(() => {
47     stickyHeaderFunc();
48     return() => window.removeEventListener("scroll", stickyHeaderFunc);
49   });
50
51   const toggleProfileActions = () => profileActionsRef.current.classList.toggle("show_profileActions");
52
53
54   return(
55     <div>
56       <div>
57         <img alt="Eco Logo" />
58         <div>
59           <span> ${totalQuantity}</span>
60           <span> Items</span>
61         </div>
62       </div>
63       <div>
64         <Link to="/"> Home </Link>
65         <Link to="/about"> About </Link>
66         <Link to="/products"> Products </Link>
67         <Link to="/cart"> Cart </Link>
68         <Link to="/login"> Login </Link>
69         <Link to="/register"> Register </Link>
70         <button onClick={logout}> Logout </button>
71       </div>
72       <div>
73         <UserIcon />
74         <span> ${currentUser}</span>
75         <button onClick={toggleProfileActions}> Show Profile Actions </button>
76       </div>
77     </div>
78   );
79 }

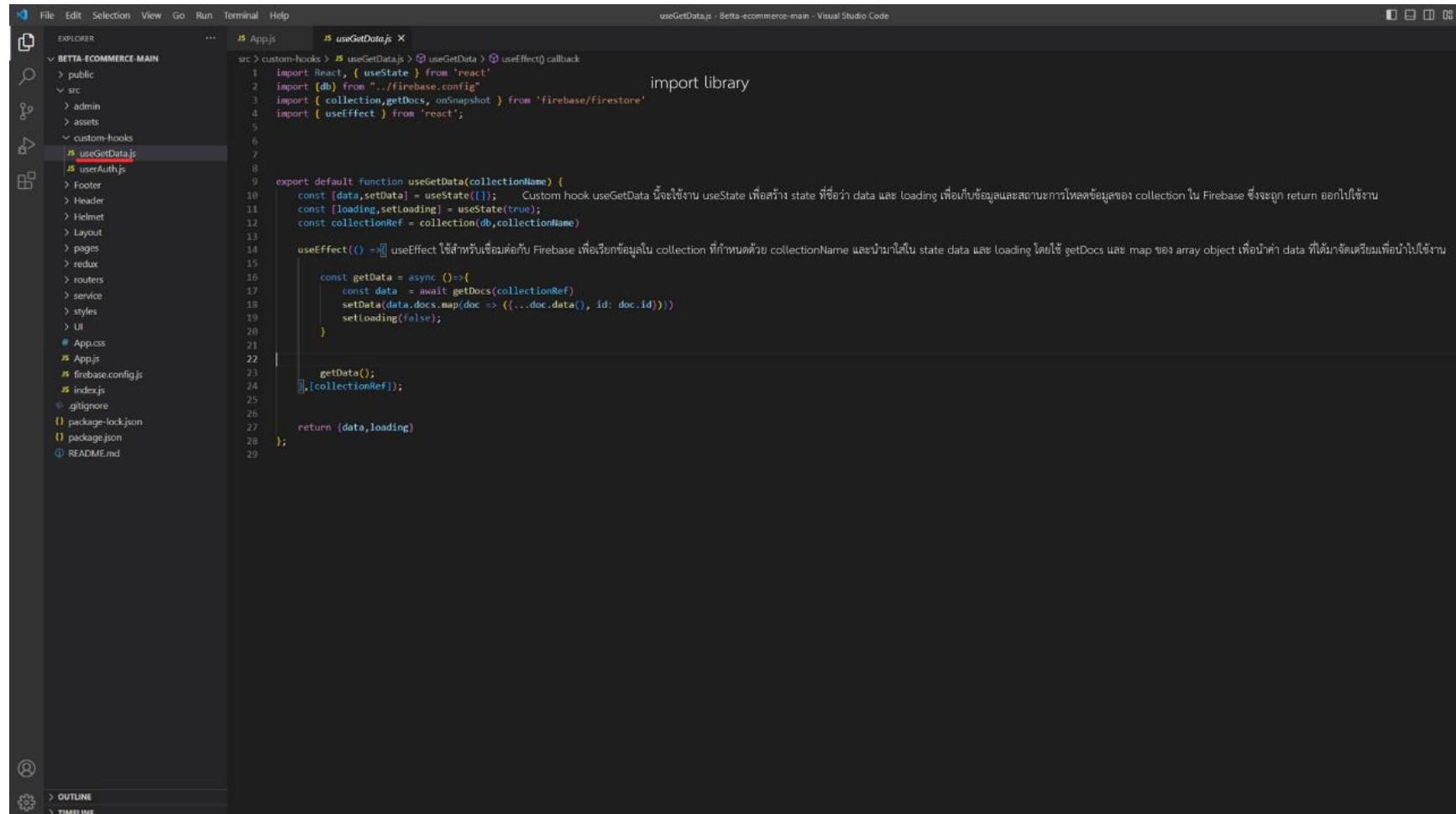
Header.jsx จัดที่ 1
```

Header.jsx จัดที่ 1

```
File Edit Selection View Go Run Terminal Help
EXPLORER ... JS App.js Header.js
src > Header > Header.js ...
public 54 return(
55
56 > admin 57 <header className="header" ref={headerRef}>
57 <Container> 58 <Row>
58 <div className="nav_wrapper">
59 <div className="logo">
60 <img src={logo} alt="" /> แมตต์
61 </div> 62 <h1>BETTA E-COMMERCE</h1> แมตต์ช้อปปิ้ง BETTA E-COMMERCE
62 </div>
63
64 <div className="navigation">
65 <ul className="menu">
66 <li className="nav_item">
67 <NavLink to="/home" >Home</NavLink> หน้า menu Home หน้าแรกหน้า Home
68 </li>
69 <li className="nav_item">
70 <NavLink to="/shop" >Shop</NavLink> หน้า menu Shop หน้าร้านหน้า Shop
71 </li>
72 <li className="nav_item">
73 <NavLink to="/cart" >Cart</NavLink> หน้า menu Cart หน้าตะกร้า Cart
74 </li>
75 </ul>
76 </div>
77 <div className="nav_icons">
78 <span className="fav_icon">
79 <i className="ri-heart-line"></i>
80 <div className="badge"><span>3</span></div>
81 </span>
82 <span className="cart_icon" onClick={navigateToCart}> เมื่อ click ให้เรียก ฟังก์ชัน navigateToCart()
83 <i className="ri-shopping-bag-line"></i>
84 <div className="badge"><span>(totalQuantity)</span></div>
85 </span>
86
87 <div className="profile">
88 <motion.Img ref={profileActionsRef} whileTap={{scale:1.2}} src={userIcon} alt="" onClick={toggleProfileActions}/> เมื่อ click ให้เรียก ฟังก์ชัน toggleProfileActions()
89 <div className="profile_actions" onClick={toggleProfileActions}>
90
91 currentUser? (
92 <span onClick={logout}>Logout</span> เมื่อ click ให้เรียก ฟังก์ชัน logout()
93 )
94 <div className="d-flex align-items-center justify-content-center flex-column">
95 <NavLink to="/dashboard" >Dashboard</NavLink> link ไปหน้า Dashboard
96 <NavLink to="/signup" >Signup</NavLink> link ไปหน้า Signup
97 <NavLink to="/login" >Login</NavLink> link ไปหน้า Login
98 </div>
99
100 </div>
101 </div>
102 </div>
103 </div>
104 </div>
105 </div>
106 </div>
107 </div>
108 </Row>
```

Header.js จุดที่ 2

8.custom-hooks/useGetData.js



The screenshot shows a Visual Studio Code interface with the following details:

- File Explorer:** Shows the project structure for "BETTA-E-COMMERCE-MAIN". The "custom-hooks" folder contains "useAuth.js" and "useGetData.js", which is currently selected.
- Code Editor:** The file "useGetData.js" is open. The code defines a custom hook "useGetData" that uses the "useState" and "useEffect" hooks from React and the "getDocs" function from the "firebase/firestore" library to fetch data from a Firebase collection. The code is annotated with comments explaining its functionality.
- Bottom Bar:** Shows icons for "OUTLINE" and "TIMELINE".

```
useGetData.js - BETTA-e-commerce-main - Visual Studio Code

File Edit Selection View Go Run Terminal Help

EXPLORER
> public
> src
> admin
> assets
> custom-hooks
  > useAuth.js
  > useGetData.js
> Footer
> Header
> Helmet
> Layout
> pages
> redux
> routers
> service
> styles
> UI
# App.css
# App.js
# firebase.config.js
# index.js
# .gitignore
# package-lock.json
# package.json
# README.md

src > custom-hooks > useGetData.js > useState > useEffect() callback
1 import React, { useState } from 'react'
2 import { db } from './firebase.config'
3 import { collection, getDocs, onSnapshot } from 'firebase/firestore'
4 import { useEffect } from 'react'

import library

export default function useGetData(collectionName) {
  const [data, setData] = useState([]);      Custom hook useGetData นี้จะใช้ state เพื่อเก็บ state ที่จะรับ data และ loading เพื่อบอกว่าข้อมูลและสถานะการโหลดของ collection ใน Firebase ซึ่งจะ return ออกมาให้เรา
  const [loading, setLoading] = useState(true);
  const collectionRef = collection(db, collectionName)

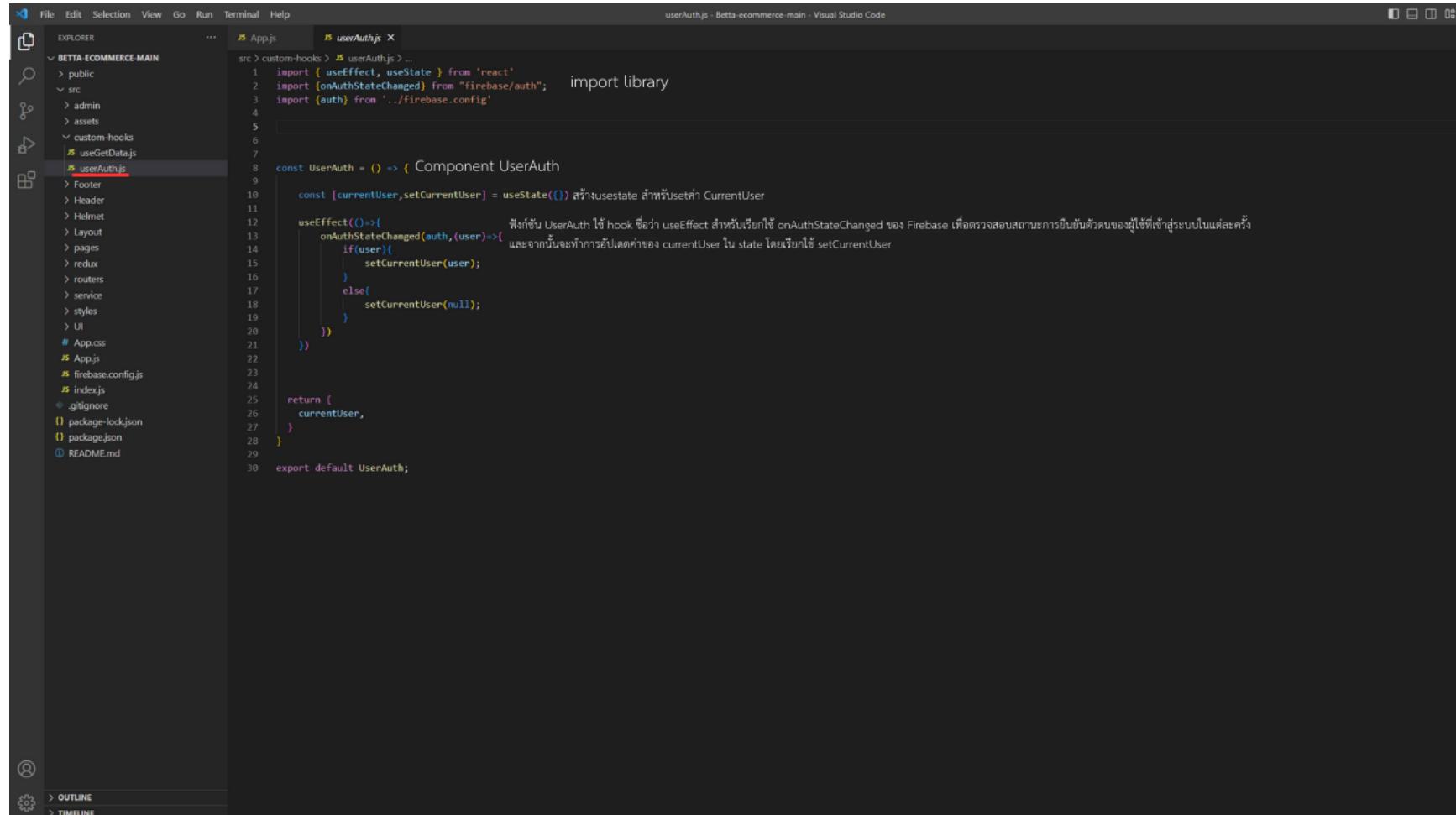
  useEffect(() => {
    const getData = async () => {
      const data = await getDocs(collectionRef)
      setData(data.docs.map(doc => ({...doc.data(), id: doc.id})))
      setLoading(false);
    }

    getData();
  }, [collectionRef]);
}

return {data, loading}
}

userGetData ภูมิที่ 1
```

9. custom-hooks/userAuth.js



The screenshot shows the Visual Studio Code interface with the following details:

- File Explorer:** Shows the project structure under "BETTA-E-COMMERCE-MAIN". The "custom-hooks" folder contains "useGetData.js" and "userAuth.js", which is currently selected.
- Editor:** The "userAuth.js" file is open. The code defines a custom hook "UserAuth" that uses the "useState" and "useEffect" hooks from React. It imports "onAuthStateChanged" from "firebase/auth" and "auth" from "firebase.config". The "useEffect" hook triggers a function "onAuthStateChanged" with "auth" and "(user)" as arguments. This function checks if there is a user and sets the current user state accordingly. Finally, it returns the current user state.
- Bottom Bar:** Shows icons for "OUTLINE" and "TIMELINE".

```
userAuth.js - BETTA-e-commerce-main - Visual Studio Code

File Edit Selection View Go Run Terminal Help

EXPLORER
BETTA-E-COMMERCE-MAIN
  > public
  > src
    > admin
    > assets
    > custom-hooks
      > useGetData.js
      > userAuth.js
    > Footer
    > Header
    > Helmet
    > Layout
    > pages
    > redux
    > routers
    > service
    > styles
    > UI
# App.css
JS App.js
JS firebase.config.js
JS index.js
.gitignore
package-lock.json
package.json
README.md

userAuth.js
1 import { useEffect, useState } from 'react';
2 import { onAuthStateChanged } from "firebase/auth";
3 import { auth } from './firebase.config'
4
5
6
7 const UserAuth = () => {
8   const [currentUser, setCurrentUser] = useState(null);
9
10  useEffect(() => {
11    onAuthStateChanged(auth, (user) => {
12      if (user) {
13        setCurrentUser(user);
14      } else {
15        setCurrentUser(null);
16      }
17    });
18  });
19
20  return [
21    currentUser,
22  ];
23}
24
25
26
27
28
29
30 export default UserAuth;
```

userAuth.js จัดทำครั้งที่ 1

10. service/service.jsx

The screenshot shows the Visual Studio Code interface with the file `service.jsx` open. The code is a functional component named `Service` that returns a JSX structure. It includes imports for React, reactstrap, motion, and serviceData from `../assets/data/serviceData`. The component uses a `serviceData` array to render items in a grid layout. A note in the code explains the mapping logic: "สุดท้ายการเริ่มการ loop ผ่าน serviceData ที่ได้รับมาจากไฟล์ serviceData.js และแสดงผลโดยใช้ class service_item ในการสร้างคอลัมน์ของแต่ละ item โดยประกอบด้วย icon, title, subtitle และการหันด้านหน้าของแต่ละ element ด้วย Flexbox". The code also includes a note about unused variables: "Line 7:10: 'Link' is defined but never used [no-unused-vars](#)". The bottom status bar shows "webpack compiled with 1 warning".

```
File Edit Selection View Go Run Terminal Help
EXPLORER ... Header.jsx service.jsx # service.css
src > service > service.jsx > Service
1 import React from 'react'
2 import './service.css'
3 import { Container,Row,Col } from "reactstrap"; import library
4 import { motion } from "framer-motion";
5 import serviceData from "../assets/data/serviceData";
Open Service in Preview.g
6 export default function Service() {
7   return (
8     <>
9       <section className="service">
10         <Container>
11           <Row>
12             <Col lg = '3' md = '4' key = {[index]}> เส้นธาราของการเริ่มการ loop ผ่าน serviceData ที่ได้รับมาจากไฟล์ serviceData.js และแสดงผลโดยใช้ class service_item
13               <div className="service_item">
14                 <span><i className={item.icon}></i></span>
15                 <div>
16                   <h3>{item.title}</h3>
17                   <p>{item.subtitle}</p>
18                 </div>
19               </div>
20             </Col>
21           </Row>
22         </Container>
23       </section>
24     </>
25   );
26 }
27
28
29
30
31
32
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
src\Header\Header.jsx
Line 7:10: 'Link' is defined but never used no-unused-vars
Search for the keywords to learn more about each warning.
To ignore, add // eslint-disable-next-line to the line before.
WARNING in [eslint]
src\Header\Header.jsx
Line 7:10: 'Link' is defined but never used no-unused-vars
webpack compiled with 1 warning
OUTLINE
TIMELINE
```

service.jsx จบชิ้นที่ 1

11. Helmet/helmet.js

The screenshot shows the Visual Studio Code interface with the following details:

- File Explorer:** Shows the project structure under "BETTA-E-COMMERCE-MAIN". The "helmet.js" file is selected and highlighted.
- Editor:** Displays the code for "helmet.js":

```
src > Helmet > helmet.js > ...
1 import React from "react"; import library
2 const Helmet = (props) => {
3   document.title = "Fish ECOMMERCE - " + props.title แม่กระท์ Fish ECOMMERCE ห่อหุ้น กัน menu ที่กำลังบินอยู่
4   return (
5     <>
6       <div className="w-100">{props.children}</div>
7     </>
8   )
9 }
10
11 export default Helmet;
```

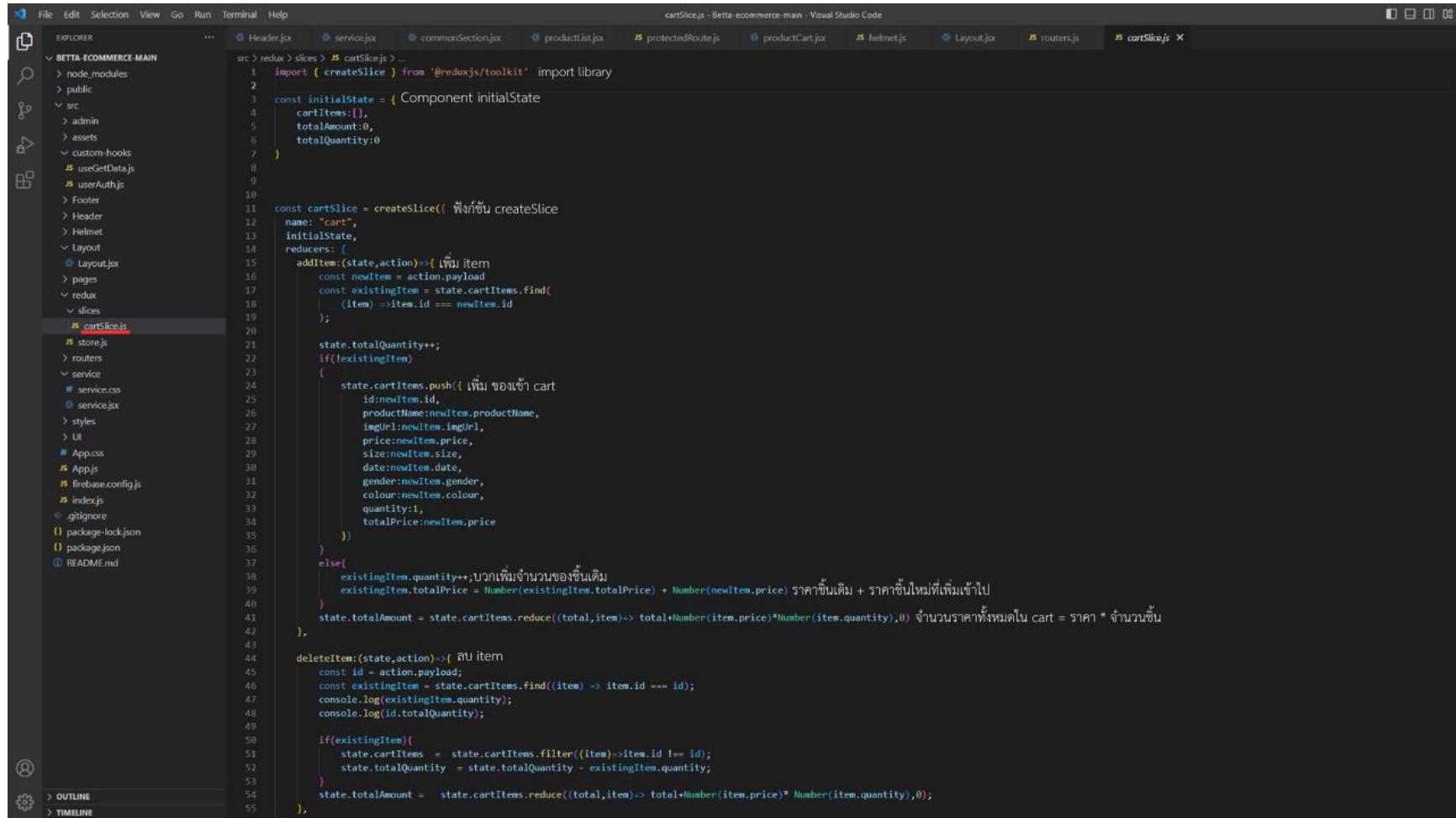
- Terminal:** Shows ESLint warnings:

```
src\Header\Header.jsx
Line 7:10: 'Link' is defined but never used  no-unused-vars
Search for the keywords to learn more about each warning.
To ignore, add // eslint-disable-next-line to the line before.
WARNING in [eslint]
src\Header\Header.jsx
Line 7:10: 'Link' is defined but never used  no-unused-vars
```

At the bottom, it says "webpack compiled with 1 warning".

helmet.js ຈຸບັນທີ 1

12.redux/cartSlice.js



The screenshot shows the Visual Studio Code interface with the file `cartSlice.js` open in the editor. The code implements a Redux slice for managing a shopping cart. It defines an initial state with an array of items, total amount, and total quantity. The `reducers` object contains two main functions: `addItem` and `deleteItem`. The `addItem` function handles adding a new item to the cart. If the item already exists, its quantity is increased and the total price is updated. Otherwise, the item is pushed into the array. The `deleteItem` function removes an item from the cart by its ID, updating the total quantity and total price accordingly.

```
import { createSlice } from '@reduxjs/toolkit' import library

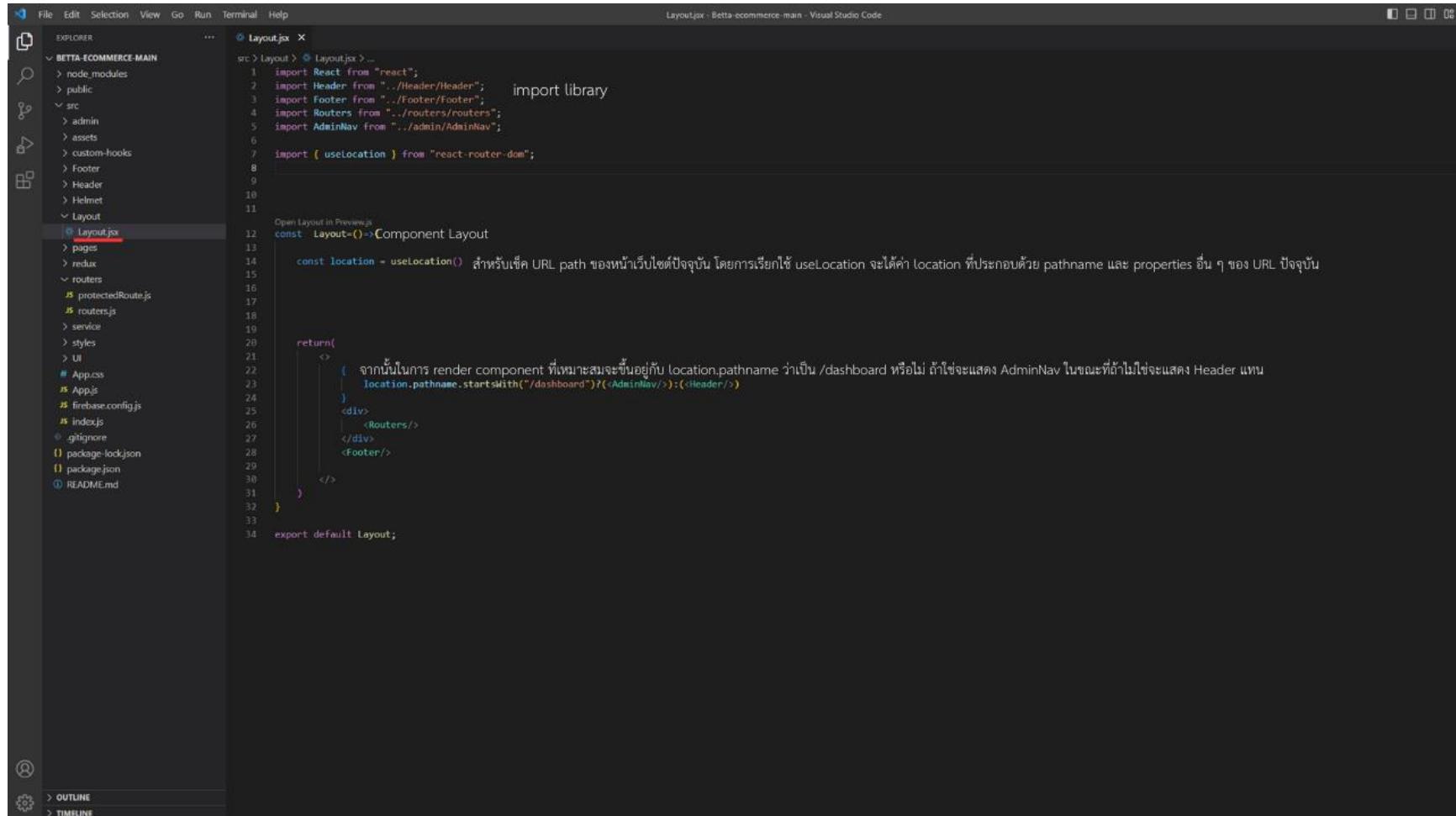
const initialState = {
  cartItems:[],
  totalAmount:0,
  totalQuantity:0
}

const cartSlice = createSlice({
  name: "cart",
  initialState,
  reducers: {
    addItem:(state,action)=>{
      const newItem = action.payload
      const existingItem = state.cartItems.find(
        (item) =>item.id === newItem.id
      );
      if(!existingItem){
        state.cartItems.push({
          id:newItem.id,
          productName:newItem.productName,
          imgUrl:newItem.imgUrl,
          price:newItem.price,
          size:newItem.size,
          date:newItem.date,
          gender:newItem.gender,
          colour:newItem.colour,
          quantity:1,
          totalPrice:newItem.price
        })
      }
      else{
        existingItem.quantity+=1
        existingItem.totalPrice = Number(existingItem.totalPrice) + Number(newItem.price)
      }
      state.totalAmount = state.cartItems.reduce((total,item)>> total+Number(item.price)*Number(item.quantity),0)
      state.totalQuantity = state.totalQuantity + newItem.quantity
    },
    deleteItem:(state,action)=>{
      const id = action.payload;
      const existingItem = state.cartItems.find((item) => item.id === id);
      console.log(existingItem.quantity);
      console.log(id.totalQuantity);

      if(existingItem){
        state.cartItems = state.cartItems.filter((item)>item.id !== id);
        state.totalQuantity = state.totalQuantity - existingItem.quantity;
      }
      state.totalAmount = state.cartItems.reduce((total,item)>> total+Number(item.price)* Number(item.quantity),0);
    },
  }
},
```

cartSlice.js จุดที่ 1

13.Layout/Layout.jsx

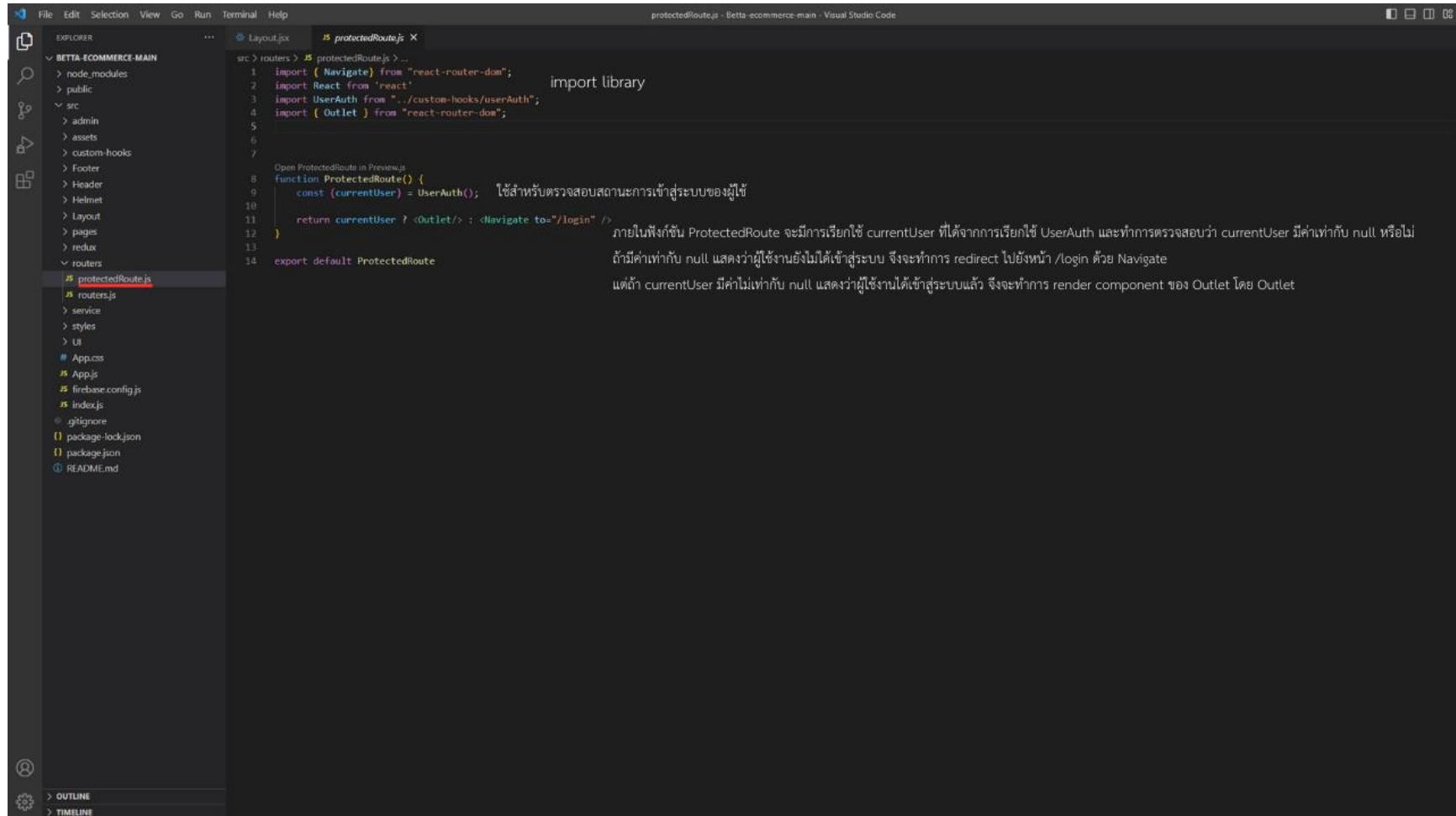


The screenshot shows the Visual Studio Code interface with the file `Layout/Layout.jsx` open. The code implements a layout component that checks the URL path and conditionally renders `AdminNav` (for dashboard) or `Header` and `Footer` components.

```
File Edit Selection View Go Run Terminal Help
EXPLORER ... Layout.jsx
src > Layout > Layout.jsx ...
1 import React from "react";
2 import Header from "./Header/Header";
3 import Footer from "./Footer/Footer";
4 import Routers from "../routers/routers";
5 import AdminNav from "../admin/adminNav";
6
7 import { useLocation } from "react-router-dom";
8
9
10
11
12 const location = useLocation();
13 // สืบทอดเมธอด useLocation() ของหน้าเว็บไปต่อจากนั้น โดยการเรียกใช้ useLocation จะได้ค่า location ที่ประกอบด้วย pathname และ properties อื่น ๆ ของ URL ปัจจุบัน
14
15
16
17
18
19
20 return(
21   <>
22     { // จากนี้ในการ render component ที่หมายความจะเขียนอยู่กับ location.pathname ว่าเป็น /dashboard หรือไม่ ถ้าใช่จะแสดง AdminNav ในขณะที่ถ้าไม่ใช่จะแสดง Header แทน
23       location.pathname.startsWith("/dashboard") ? <AdminNav/> : <Header/>
24     }
25   </div>
26   <Routers/>
27 </div>
28 <Footer/>
29
30   </>
31 )
32
33
34 export default Layout;
```

Layout.jsx ชุดที่ 1

14.routers/protectRoute.js



The screenshot shows the Visual Studio Code interface with the following details:

- File Explorer:** Shows the project structure under "BETTA-E-COMMERCE-MAIN". The "protectedRoute.js" file is selected.
- Editor:** Displays the code for "protectedRoute.js".

```
import { Navigate } from "react-router-dom"; // import library
import React from 'react';
import UserAuth from "../custom-hooks/userAuth";
import { Outlet } from "react-router-dom";

function ProtectedRoute() {
  const [currentUser] = UserAuth(); // เช็คหัว้ดตรวจสอบสถานะการเข้าสู่ระบบของผู้ใช้
  return currentUser ? <Outlet/> : <Navigate to="/login" /> // ภายในฟังก์ชัน ProtectedRoute จะมีการเรียกใช้ currentUser ที่ได้จากการเรียกใช้ UserAuth และทำการตรวจสอบว่า currentUser มีค่าเท่ากับ null หากไม่
  // ตัวมีค่าเท่ากับ null และจะนำผู้ใช้งานยังคงไปเข้าสู่ระบบ จึงจะทำการ redirect ไปยังหน้า /login ด้วย Navigate
  // เมื่อ currentUser มีค่าไม่เท่ากับ null และว่าผู้ใช้งานได้เข้าสู่ระบบแล้ว จึงจะทำการ render component ของ Outlet โดย Outlet
}

export default ProtectedRoute
```
- Bottom Bar:** Shows icons for "OUTLINE" and "TIMELINE".

protectRoute.js รูปที่ 1

15. routers/routers.js

The screenshot shows the Visual Studio Code interface with the file `routers/routers.js` open. The code defines a `Routers` component that returns a `Routes` object containing various `Route` components. These routes map URLs to components like `Home`, `Shop`, `ProductDetails`, `Cart`, `Checkout`, `Login`, and `Signup`. Some routes are wrapped in a `ProtectedRoute`. The browser preview shows a navigation bar with links for `Dashboard`, `AddProducts`, `AllProducts`, `Orders`, and `Users`. Below the navigation bar, there are links for `Home`, `Shop`, and `Cart`.

```
import React from 'react';
import { BrowserRouter, Routes, Route, Link, Navigate } from 'react-router-dom';
import Home from '../pages/Home';
import Shop from '../pages/Shop';
import ProductDetails from '../pages/ProductDetails';
import Cart from '../pages/Cart';
import Checkout from '../pages/Checkout';
import Login from '../pages/Login';
import Signup from '../pages/Signup';
import ProtectedRoute from './protectedRoute';
import AdminNav from '../admin/AdminNav';
import AddProducts from '../admin/AddProducts';
import AllProducts from '../admin/AllProducts';
import Dashboard from '../admin/Dashboard';
import Users from '../admin/Users';

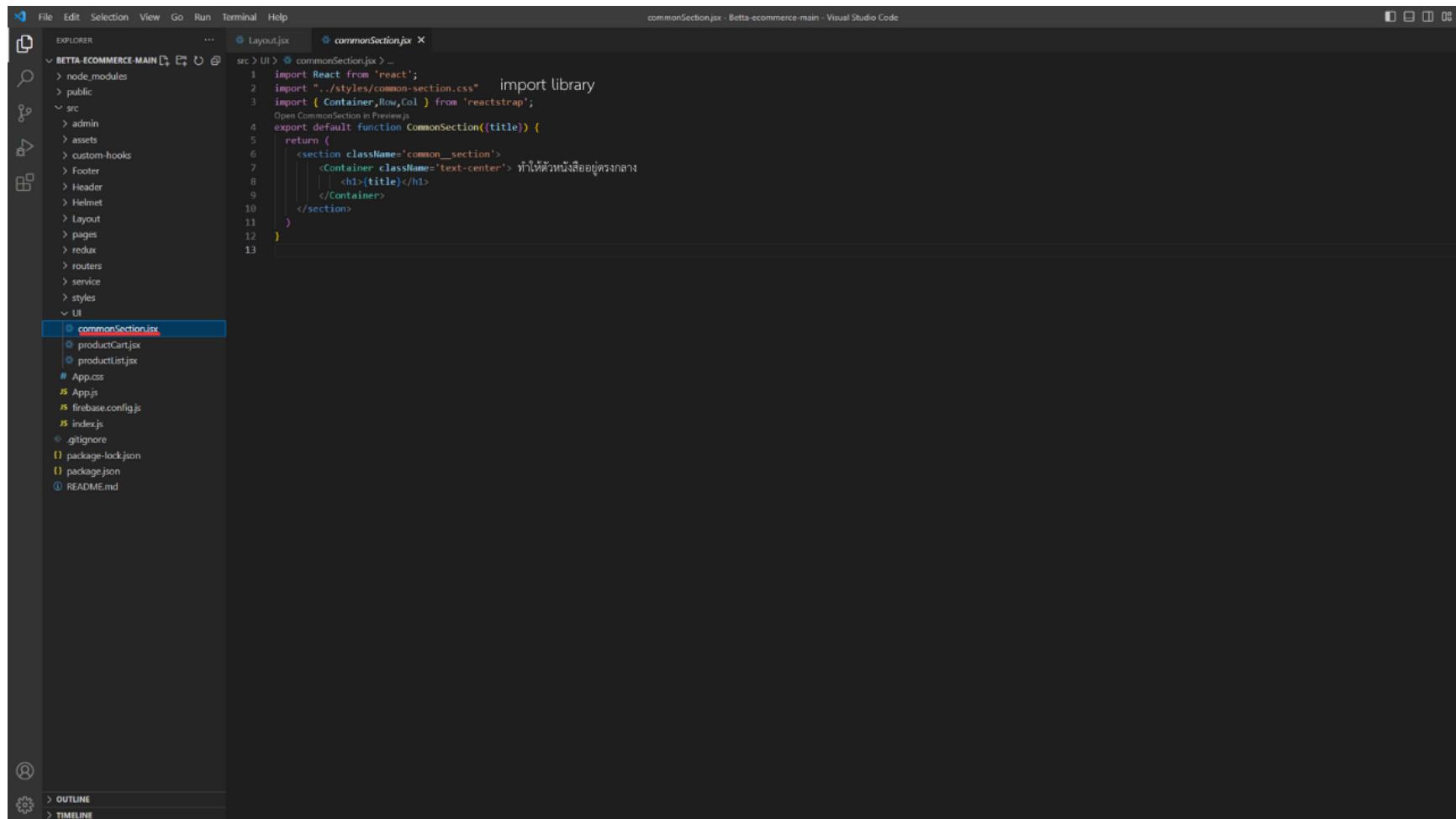
const Routers = () => {
  return (
    <Routes>
      <Route path="/" element={<Navigate to="home"/>}/>
      <Route path="/home" element={<Home/>}/>
      <Route path="/shop/:id" element={<ProductDetails/>}/>
      <Route path="/shop" element={<Shop/>}/>

      <Route path="/*" element={<ProtectedRoute>}>
        <Route path="dashboard" element={<Dashboard/>}/>
        <Route path="checkout" element={<Checkout/>}/>
        <Route path="dashboard/all-products" element={<AllProducts/>}/>
        <Route path="dashboard/add-products" element={<AddProducts/>}/>
        <Route path="dashboard/users" element={<Users/>}/>
      </Route>
      <Route path="/cart" element={<Cart/>}/>
      <Route path="/login" element={<Login/>}/>
      <Route path="/signup" element={<Signup/>}/>
    </Routes>
  );
}

export default Routers;
```

routers.js วันที่ 1

16.UI/commonSection.jsx



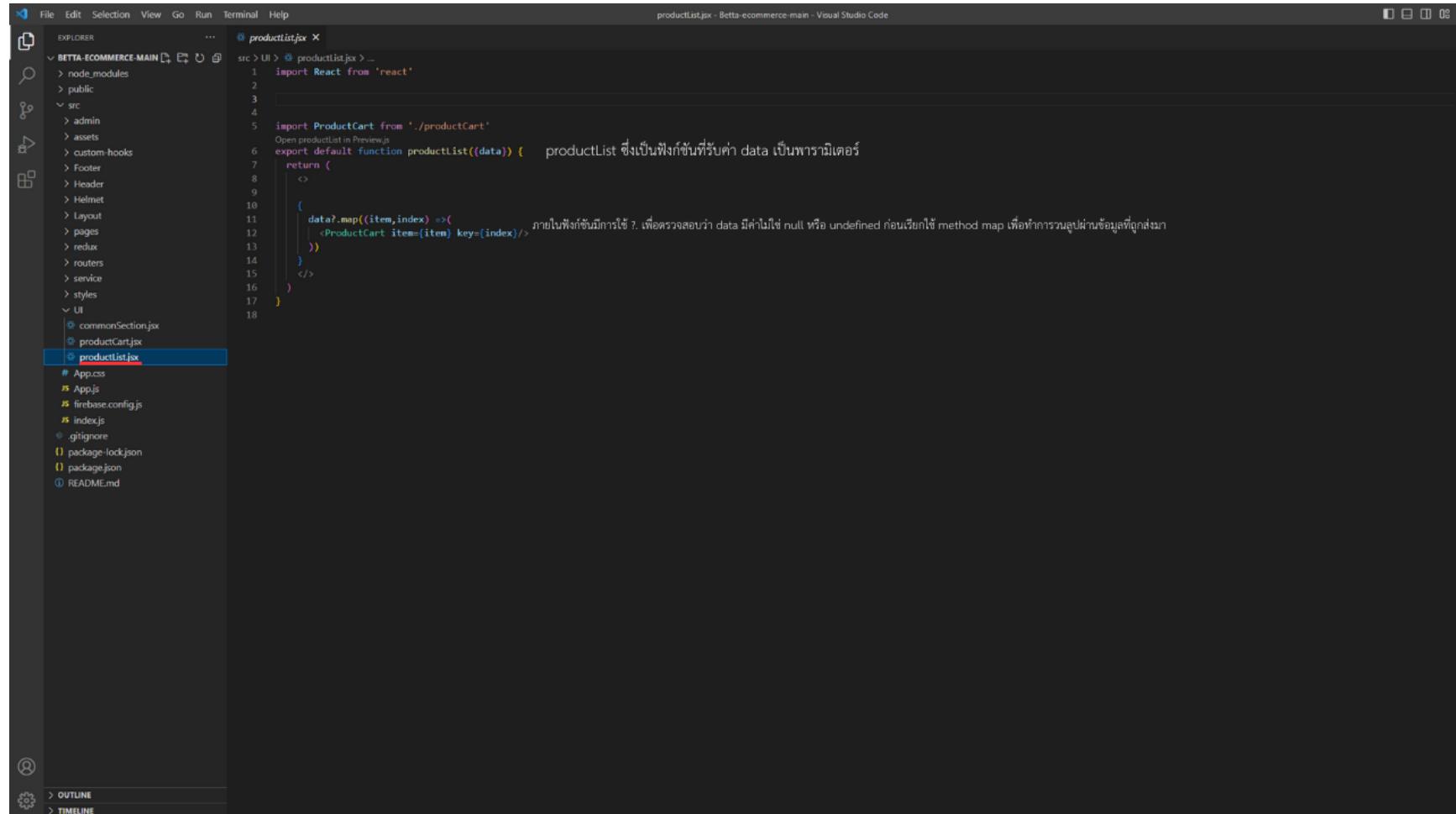
The screenshot shows the Visual Studio Code interface with the following details:

- File Bar:** File, Edit, Selection, View, Go, Run, Terminal, Help.
- Title Bar:** commonSection.jsx - Betta-e-commerce-main - Visual Studio Code.
- Explorer:** Shows the project structure under BETTA-E-COMMERCE-MAIN:
 - node_modules
 - public
 - src
 - admin
 - assets
 - custom-hooks
 - Footer
 - Header
 - Helmet
 - Layout
 - pages
 - redux
 - routers
 - service
 - styles
 - UI
 - commonSection.jsx (selected)
 - productCart.jsx
 - productList.jsx
- Editor:** Displays the code for commonSection.jsx:

```
1 import React from 'react';
2 import "../styles/common-section.css"      import library
3 import { Container,Row,Col } from 'reactstrap';
4 Open CommonSection in Previewjs
5 export default function CommonSection({title}) {
6   return (
7     <section className='common_section'>
8       <Container className='text-center'> ที่นี่คือหน้าสืบอยู่ของเรามาก
9         <h1>(title)</h1>
10        </Container>
11    </section>
12  )
13 }
```
- Bottom Bar:** OUTLINE, TIMELINE.

commonSection.jsx รูปที่ 1

17. UI/productList.jsx



The screenshot shows the Visual Studio Code interface with the following details:

- File Bar:** File, Edit, Selection, View, Go, Run, Terminal, Help.
- Explorer:** Shows the project structure under 'BETTA-ECOMMERCE-MAIN'. The 'UI' folder is expanded, showing 'productList.jsx' selected.
- Code Editor:** The 'productList.jsx' file is open. The code is as follows:

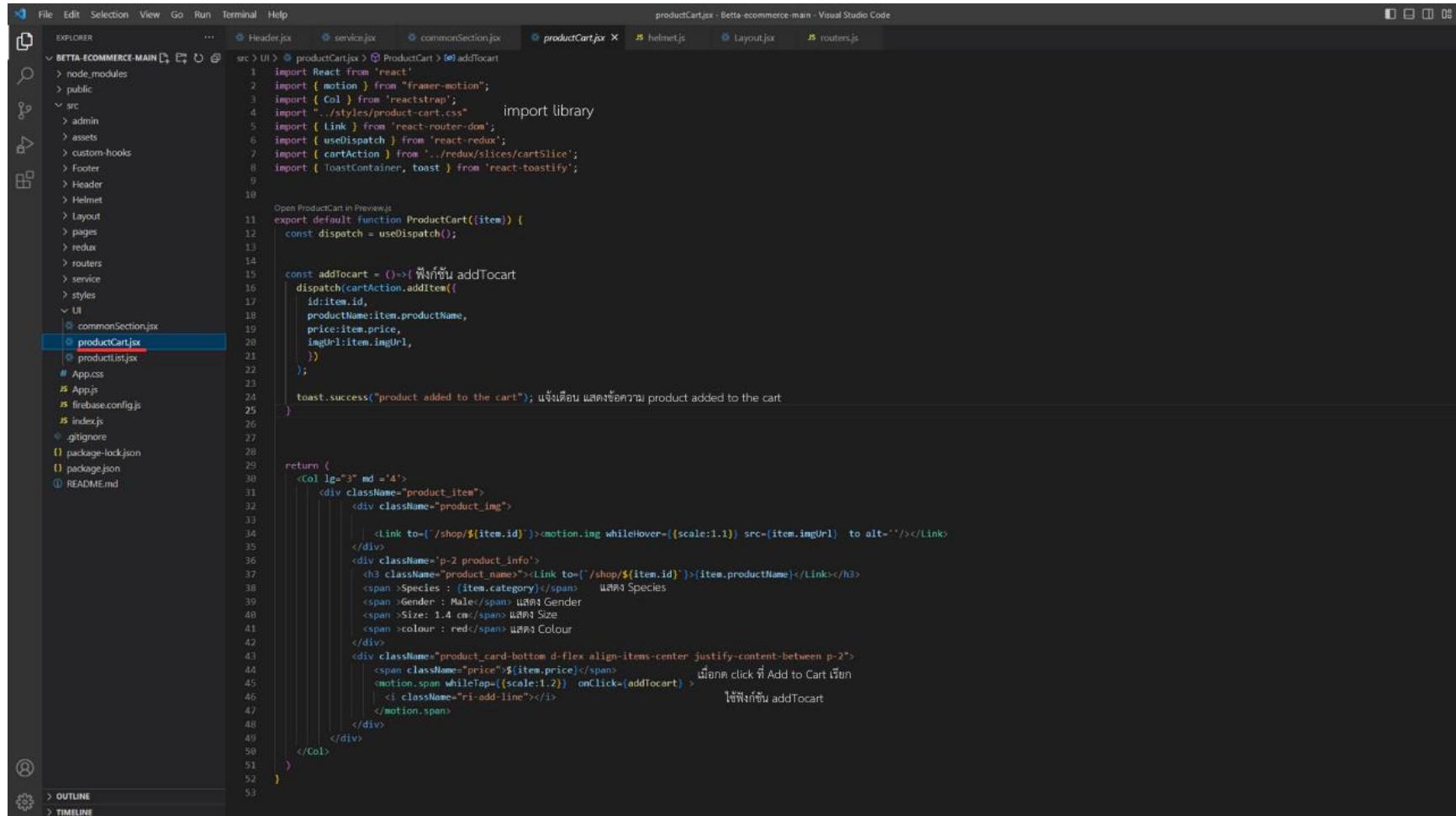
```
productList.jsx - Beta-commerce-main - Visual Studio Code

File Edit Selection View Go Run Terminal Help
EXPLORER ... productlist.jsx
src > UI > productlist.jsx > ...
1 import React from 'react'
2
3
4
5 import ProductCart from './productCart'
6 export default function productList({data}) {    productList ชื่อเป็นพังค์ชั่นที่รับค่า data เป็น参数มีเดอร์
7     return (
8         <>
9             [
10                 data?.map((item,index) =>(
11                     <ProductCart item={item} key={index}/> ภายในพังค์ชั่นการใช้ ? เพื่อตรวจสอบว่า data มีค่าไม่ใช่ null หรือ undefined ก่อนเรียกใช้ method map เพื่อทำการวนลูปผ่านข้อมูลที่ถูกส่งมา
12                 ))
13             }
14         </>
15     )
16 }
17 }
```

The code uses a conditional operator (?) to check if 'data' is not null or undefined before applying the map function. The code editor has a light theme with dark syntax highlighting.

productList.jsx วุปที่ 1

18. UI/productCart.jsx

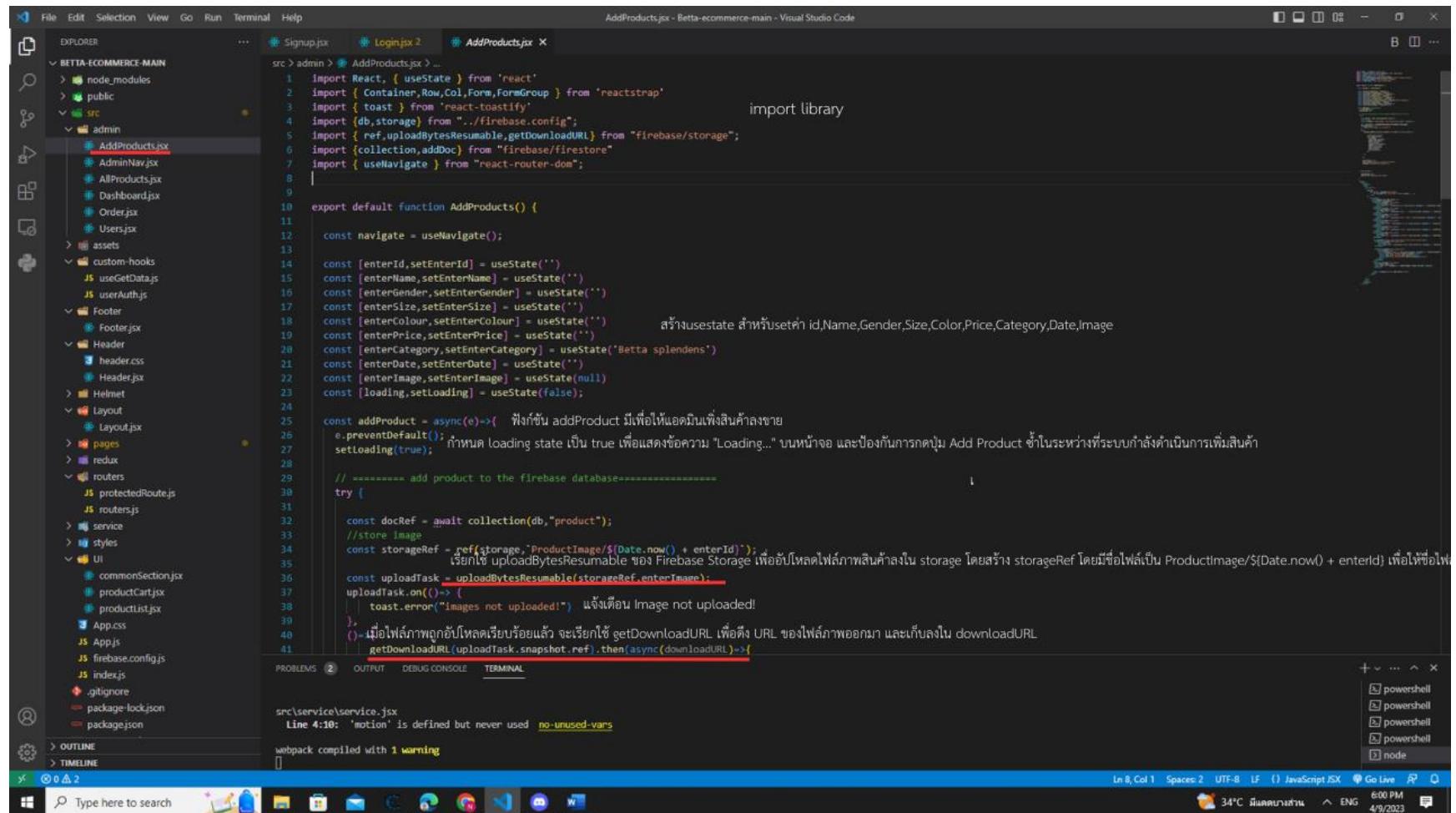


The screenshot shows the Visual Studio Code interface with the following details:

- File Explorer:** Shows the project structure under "BETTA-ECOMMERCE-MAIN". The "productCart.jsx" file is selected and highlighted.
- Editor:** Displays the code for "productCart.jsx". The code is a functional component named "ProductCart" that takes an item as a prop. It uses React, Framer-motion, and reactstrap libraries. It dispatches an action to add the item to the cart and shows a success toast message. The component then renders a grid of product items using a "Col" component with lg="3" and md="4". Each item card includes a link to its detail page, product name, category, gender, size, colour, and an "Add to Cart" button with a motion effect.
- Bottom Bar:** Shows icons for Outline, Timeline, and other VS Code features.

productCart.jsx ចូលទៅ 1

19.admin/Addproduct.jsx



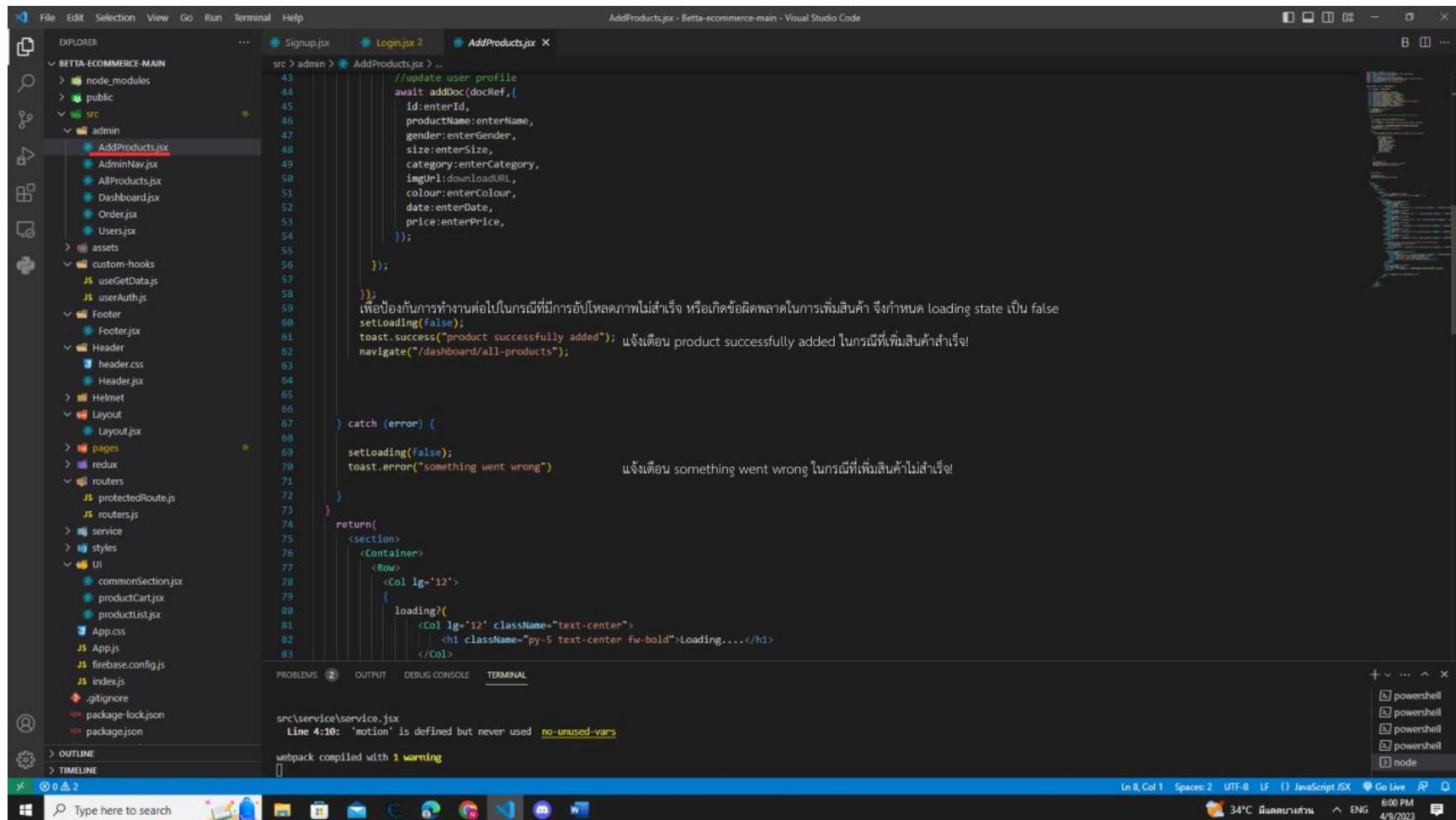
```
import React, { useState } from 'react'
import { Container, Row, Col, Form, FormGroup } from 'reactstrap'
import { toast } from 'react-toastify'
import { db, storage } from '../firebase/config';
import { ref, uploadBytesResumable, getDownloadURL } from "firebase/storage";
import { collection, addDoc } from "firebase/firestore";
import { useNavigate } from "react-router-dom";

const navigate = useNavigate();

const [enterId, setEnterId] = useState('')
const [enterName, setEnterName] = useState('')
const [enterGender, setEnterGender] = useState('')
const [enterSize, setEnterSize] = useState('')
const [enterColour, setEnterColour] = useState('') // สำหรับตัว id, Name, Gender, Size, Color, Price, Category, Date, Image
const [enterPrice, setEnterPrice] = useState('')
const [enterCategory, setEnterCategory] = useState('Betta splendens')
const [enterDate, setEnterDate] = useState('')
const [enterImage, setEnterImage] = useState(null)
const [loading, setLoading] = useState(false);

const addProduct = async(e) => {
    e.preventDefault();
    setLoading(true);
    // ===== add product to the firebase database =====
    try {
        const docRef = await collection(db, "product");
        //store Image
        const storageRef = ref(storage, `ProductImage/${Date.now() + enterId}`);
        const uploadTask = uploadBytesResumable(storageRef, enterImage);
        uploadTask.on('state_changed', (snapshot) => {
            toast.error("images not uploaded!");
        }, () => {
            getDownloadURL(uploadTask.snapshot.ref).then(async(downloadURL) => {
                const productData = {
                    id: enterId,
                    name: enterName,
                    gender: enterGender,
                    size: enterSize,
                    color: enterColour,
                    price: enterPrice,
                    category: enterCategory,
                    date: enterDate,
                    image: downloadURL
                }
                await docRef.add(productData);
                setLoading(false);
                toast.success("Product added successfully!");
                setEnterId('');
                setEnterName('');
                setEnterGender('');
                setEnterSize('');
                setEnterColour('');
                setEnterPrice('');
                setEnterCategory('');
                setEnterDate('');
                setEnterImage(null);
            });
        });
    } catch (error) {
        toast.error(error.message);
    }
}
```

Addproduct.jsx วุปที่ 1



The screenshot shows the Visual Studio Code interface with the following details:

- File Explorer:** Shows the project structure under "BETTA-ECOMMERCE-MAIN".
- Editor:** Displays the "AddProducts.jsx" file. The code is as follows:

```
//update user profile
await addDoc(docRef, {
  id:enterId,
  productName:enterName,
  gender:enterGender,
  size:enterSize,
  category:enterCategory,
  imgURL:downloadURL,
  colour:enterColour,
  date:enterDate,
  price:enterPrice,
});
};

เพื่อป้องกันการทักงานต่อไปในกรณีที่มีการอัปโหลดภาพไม่สำเร็จ หรือเกิดข้อผิดพลาดในการเพิ่มสินค้า จึงกำหนด loading state เป็น false
setLoading(false);
toast.success("product successfully added"); แจ้งเตือน product successfully added ในกรณีที่เพิ่มสินค้าสำเร็จ!
navigate("/dashboard/all-products");

} catch (error) {
  setLoading(false);
  toast.error("something went wrong");
}

return(
  <section>
    <Container>
      <Row>
        <Col lg='12'>
          {
            loading?
              <Col lg='12' className="text-center">
                | | <h1 className="py-5 text-center fw-bold">Loading....</h1>
              </Col>
            :
          }
        </Col>
      </Row>
    </Container>
  </section>
)
```

A tooltip is displayed over the line "เพื่อป้องกันการทักงานต่อไปในกรณีที่มีการอัปโหลดภาพไม่สำเร็จ หรือเกิดข้อผิดพลาดในการเพิ่มสินค้า จึงกำหนด loading state เป็น false". It says: "เพื่อป้องกันการทักงานต่อไปในกรณีที่มีการอัปโหลดภาพไม่สำเร็จ หรือเกิดข้อผิดพลาดในการเพิ่มสินค้า จึงกำหนด loading state เป็น false".

Bottom Status Bar: Shows "Line 8, Col 1 Spaces: 2 UTF-8 LF () JavaScript JSX Go Live 34°C ภูมิภาค 6:00 PM ENG 4/9/2023".

Addproduct.jsx รุปที่ 2

The screenshot shows the Visual Studio Code interface with the following details:

- File Explorer (Left):** Shows the project structure under "BETTA-ECOMMERCE-MAIN". The "src" folder contains "admin" and "AddProducts.jsx". Other files like "Signup.jsx", "Login.jsx", "AdminNav.jsx", etc., are also listed.
- Code Editor (Center):** Displays the content of "AddProducts.jsx". The code is a React component for adding products. It includes form groups for "enterId", "enterName", "enterGender", "enterSize", "enterColour", "enterDate", and "enterCategory". Each field has a placeholder, an onChange event handler, and a required attribute. It also includes a dropdown menu for "enterCategory" with an option for "Beta splendens".
- Terminal (Bottom):** Shows a warning message from webpack: "Line 4:10: 'motion' is defined but never used no-unused-vars".
- Status Bar (Bottom):** Shows the line number (Ln 8, Col 1), spaces (Spaces: 2), encoding (UTF-8), file type (JavaScript JSX), and current time (6:01 PM, 4/9/2023).

Addproduct.jsx จุดที่ 3

The screenshot shows the Visual Studio Code interface with the following details:

- File Explorer:** Shows the project structure under "BETTA-E-COMMERCE-MAIN". The "src" folder contains several files: AddProducts.jsx, AdminNav.jsx, AllProducts.jsx, Dashboard.jsx, Order.jsx, and Users.jsx. Other folders like assets, custom-hooks, Footer, Header, Layout, pages, redux, routers, service, styles, and UI are also listed.
- Editor:** The main editor area displays the content of the "AddProducts.jsx" file. The code includes imports for React, useState, and useEffect. It defines a form with a select dropdown for fish names, a file input for product images, and a button to add the product. A note in the code indicates a required prop for the file input.
- Terminal:** The terminal at the bottom shows a warning from webpack: "Line 4:10: 'motion' is defined but never used no-unused-vars".
- Bottom Bar:** Includes a search bar, taskbar icons, and system status information (Windows 10, 34°C, 6:01 PM, 4/9/2023).

Addproduct.jsx รูปที่ 4

20. admin/AdminNav.jsx

The screenshot shows the Visual Studio Code interface with the following details:

- File Explorer:** Shows the project structure under "BETTA-ECOMMERCE-MAIN". The "admin" folder contains "AdminNav.jsx", which is currently selected.
- Code Editor:** Displays the content of "AdminNav.jsx". The code defines a top navigation bar for the admin section, including a logo, search bar, and user profile.
- Terminal:** Shows the command "webpack compiled with 1 warning".
- Status Bar:** Shows the current file is "AdminNav.jsx - Beta-commerce-main - Visual Studio Code", line 6, column 21, and the date/time is 4/9/2023.

AdminNav.jsx ฉบับที่ 1

The screenshot shows a Visual Studio Code interface with the following details:

- File Explorer:** Shows the project structure under "BETTA-E-COMMERCE-MAIN". Key files include AdminNav.jsx, Signup.jsx, Login.jsx, AddProducts.jsx, AdminNav.jsx, AllProducts.jsx, Dashboard.jsx, Order.jsx, Users.jsx, assets, custom-hooks, Footer.jsx, Header.jsx, Helmet, Layout.jsx, pages, redux, routers, service, styles, UI, App.css, App.js, firebase.config.js, index.js, .gitignore, package-lock.json, and package.json.
- Code Editor:** The current file is AdminNav.jsx. The code defines a function AdminNav() that returns a navigation bar with links for Dashboard, AddProducts, AllProducts, Orders, and Users. It also includes a note about currentUser being defined by UserAuth().
- Terminal:** Shows the command "webpack: compiled with 1 warning".
- Status Bar:** Displays "Ln 6, Col 21" and "JavaScript JSX".

```
src > admin > AdminNav.jsx > admin__nav
1 import React from 'react';
2 import { Container, Row } from 'reactstrap';
3 import UserAuth from '../custom-hooks/userAuth'; import library
4 import './styles/admin-nav.css"
5 import { NavLink } from 'react-router-dom';
6 const admin__nav = [
7   {
8     display:"Dashboard",
9     path:"/dashboard"
10 },
11 {
12   display:"AddProducts",
13   path:"/dashboard/add-products"
14 },
15 {
16   display:"AllProducts",
17   path:"/dashboard/all-products"
18 },
19 {
20   display:"Orders",
21   path:"/dashboard/orders"
22 },
23 {
24   display:"Users",
25   path:"/dashboard/users"
26 },
27 ]
28
29
30
31
32
33 export default function AdminNav() {
34   const {currentUser} = UserAuth(); UserAuth เพื่อเข้าถึงข้อมูลผู้ใช้ปัจจุบันที่คือกับผู้ใช้ที่มีค่า currentUser และแสดงรูปประจำตัวของผู้ใช้นั้นด้วย.
35   return (
36     <>
37   )
38 }
39
40
41 <>
```

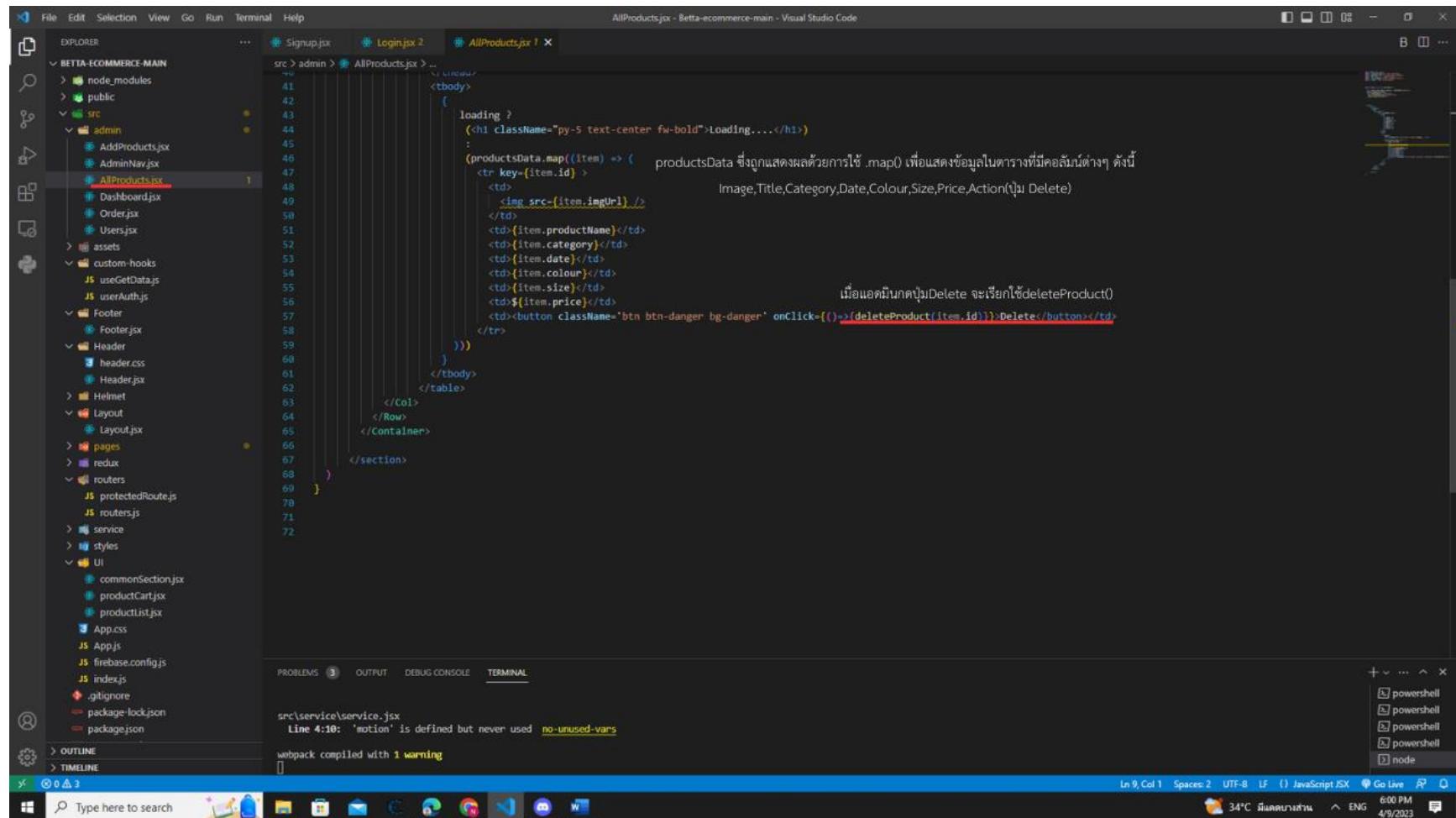
Line 4:10: 'motion' is defined but never used [no-unused-vars](#)

webpack: compiled with 1 warning

Ln 6, Col 21 Spaces: 2 UTF-8 LF () JavaScript JSX Go Live ⌂ 34°C ไทย ENG 6:00 PM 4/9/2023

AdminNav.jsx ภาคที่ 2

21. admin/Allproduct.jsx



```
src\components\AllProducts.jsx
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```

The screenshot shows the Visual Studio Code interface with the following details:

- File Explorer (Left):** Shows the project structure under "BETTA-E-COMMERCE-MAIN". The "src" folder contains several files: AddProducts.jsx, AdminNav.jsx, AllProducts.jsx (highlighted in red), Dashboard.jsx, Order.jsx, and Users.jsx. Other folders like "assets", "custom-hooks", "Footer", "Header", "Layout", "pages", "redux", "routers", "service", "styles", and "UI" also contain various files.
- Code Editor (Center):** Displays the content of "AllProducts.jsx". The code uses React and Firestore. It imports React, Container, Row, Col fromreactstrap, useGetData from custom-hooks/useGetData, db from firebase/config, doc, deleteDoc from firebase/firestore, and toast from react-toastify. It defines a function AllProducts() that uses a custom hook useGetData("product") to fetch product data. It includes a deleteProduct function using deleteDoc(db, "product", id). The code then returns a section with a table having 12 columns: Image, Title, Category, Date, Colour, Size, Price, and Action.
- Bottom Status Bar:** Shows the current file is "AllProducts.jsx", line 9, column 1, with 2 spaces, using UTF-8 encoding, and the language is JavaScript. It also shows the date and time as 4/9/2023 5:59 PM.

Allproduct.jsx ชุดที่ 2

22. admin/Dashboard.jsx

The screenshot shows the Visual Studio Code interface with the file `Dashboard.jsx` open. The code is a React component named `Dashboard` that uses `reactstrap` for styling. It imports `useGetData` from `custom-hooks/useGetData`. The component displays four statistics in a grid:

- Total Sales: ก่ออสร้าหัวแม่เดงจอกชาญทั้งหมด
- Orders: ก่ออสร้าหัวแม่เดงจานวนค่าเด้งขอทั้งหมด
- Total Products: ก่ออสร้าหัวแม่เดงจานวนสินค้าทั้งหมด
- Total Users: ก่ออสร้าหัวแม่เดงจานวนผู้ใช้ทั้งหมด

The code uses `useGetData` to fetch data from Firestore. The `Dashboard` component returns a `Container` with a `Row` containing four `Col`s, each with a `div` for a specific metric.

```
import React from 'react'
import { Container, Row, Col } from 'reactstrap' import library
import './styles/dashboard.css';
import useGetData from './custom-hooks/useGetData';

export default function Dashboard() {
  const {data:users} = useGetData("users")
  const {data:product} = useGetData("product")
  return(
    <>
      <section>
        <Container>
          <Row>
            <Col className="lg-3">
              <div className="revenue_box">
                <h5>Total Sales</h5>
                <span>$1111</span>
              </div>
            </Col>
            <Col className="lg-3">
              <div className="order_box">
                <h5>Orders</h5>
                <span>$7777</span>
              </div>
            </Col>
            <Col className="lg-3">
              <div className="products_box">
                <h5>Total Products</h5>
                <span>{product.length}</span>
              </div>
            </Col>
            <Col className="lg-3">
              <div className="user_box">
                <h5>Total Users</h5>
                <span>{users.length}</span>
              </div>
            </Col>
          </Row>
        </Container>
      </section>
    </>
  )
}
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

src\service\service.jsx
Line 4:10: 'motion' is defined but never used no-unused-vars

webpack compiled with 1 warning

Ln 11, Col 22 Spaces: 2 UTF-8 LF JavaScript JSX Go Live 5:59 PM 34°C บ้านเรือนไทย ENG 4/9/2023

Dashboard.jsx ชุดที่ 1

23. admin/Order.jsx

Order.jsx - Beta-commerce-main - Visual Studio Code

File Edit Selection View Go Run Terminal Help

EXPLORER

BETTA-ECOMMERCE-MAIN

src admin Order.jsx ...

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...> item.street , {item.city} , {item.country} , {item.postcode}</td>
<td>{item.numberPhone}</td>
<td>\${item.price}</td>
<td>{item.quality}</td>
<td><button className="btn btn-info bg-info" >show</button></td>

โดยในตารางจะมีหัวข้อต่างๆ เช่น id-Order, FullName, Email, Address, Phone, Total Price, Total Quality และ Order Details

และแต่ละแถวจะแสดงข้อมูลที่ได้มาจากฐานข้อมูล Firebase โดยในแต่ละแถวจะมีปุ่ม show ที่ยังไม่มีการดำเนินการใดๆ

</tr>

</tbody>

</table>

</Col>

</Row>

</Container>

</section>

}

PROBLEMS 6 OUTPUT DEBUG CONSOLE TERMINAL

src\service\service.jsx
Line 4:10: 'motion' is defined but never used no-unused-vars

webpack compiled with 1 warning

Ln 5, Col 52 Spaces: 2 UTF-8 LF () JavaScript JSX 34°C ผู้ดูแลระบบ ENG 5:59 PM 4/9/2023

OUTLINE

TIMELINE

Type here to search

powershell powershell powershell powershell node

Order.jsx วันที่ 1

Order.jsx រូបទី 2

24. admin/User.jsx

The screenshot shows a Visual Studio Code interface with the following details:

- File Explorer:** On the left, it displays the project structure under "BETTA-ECOMMERCE-MAIN". The "src" folder contains "admin", "pages", "redux", "routers", "service", "styles", and "UI" subfolders. "UI" contains "commonSection.jsx", "productCart.jsx", and "productList.jsx". "service" contains "service.jsx". "redux" contains "index.js". "routers" contains "protectedRoute.jsx" and "routers.jsx". "pages" contains "Index.jsx", "Login.jsx", "Signup.jsx", and "Users.jsx".
- Code Editor:** The main area shows the "Users.jsx" file. It includes code for displaying user data from a database and handling user deletion. A tooltip provides a detailed explanation of the code logic.
- Terminal:** At the bottom, the terminal shows a warning message: "Line 4:10: 'motion' is defined but never used no-unused-vars".
- Status Bar:** The status bar at the bottom right shows the current file is "Users.jsx", the line count is 22, the character count is 18, the space count is 4, the encoding is UTF-8, the line separator is LF, the file type is JavaScript, and the Go Live button is available.

User.jsx รูปที่ 1

The screenshot shows the Visual Studio Code interface with the following details:

- File Explorer:** Shows the project structure under "BETTA-ECOMMERCE-MAIN". The "src" folder contains several files: "admin", "AddProducts.jsx", "AdminNav.jsx", "AllProducts.jsx", "Dashboard.jsx", "Order.jsx", and "User.jsx".
- Code Editor:** The "User.jsx" file is open. The code uses React and Bootstrap components like Container, Row, and Col. It imports custom hooks from "custom-hooks/useGetData" and Firebase libraries like "useGetDoc" and "toast".

```
import React from 'react';
import { Container, Row, Col } from 'reactstrap';
import useGetData from '../custom-hooks/useGetData';
import { db } from '../firebase.config';
import { doc, deleteDoc } from 'firebase/firestore';
import { toast } from 'react-toastify';

export default function Users() {
  const [data, loading] = useGetData("users");
  const deleteUser = async(id) => {
    await deleteDoc(doc(db, "users", id));
    toast.success("Deleted!");
  }

  return (
    <section>
      <Container>
        <Row>
          <Col lg="12">
            <h4 className="fw-bold">Users</h4>
          </Col>
          <Col lg="12" className="pt-5">
            <table className="table">
              <thead>
                <tr>
                  <th>Image</th>
                  <th>Username</th>
                  <th>Email</th>
                  <th>Action</th>
                </tr>
              </thead>
              <tbody>
                {
                  loading ?
                    <h1 className="py-5 text-center fw-bold">Loading....</h1>
                  :
                  (

```
- Terminal:** Shows the command "webpack: compiled with 1 warning".
- Bottom Status Bar:** Displays "In 1, Col 1 Spaces: 4 UTF-8 LF () JavaScript JSX Go Live" and the date/time "4/9/2023".

User.jsx รุปที่ 2

25.pages/Payment.jsx

The screenshot shows the Visual Studio Code interface with the following details:

- File Explorer:** Shows the project structure under "BETTA-ECOMMERCE-MAIN". The "pages" folder contains files like Cart.jsx, Checkout.jsx, Home.jsx, Login.jsx, and Payment.jsx (which is currently selected).
- Code Editor:** Displays the content of the Payment.jsx file. The code imports React, reactstrap, and custom hooks. It defines a function Payment() that retrieves the total amount from the state and generates a QR code for a payment URL. A preview window shows a QR code with the text "PromoPay" at the top, a large QR matrix in the center, and "Total Cost: \$1500" at the bottom.
- Terminal:** Shows the command "npm audit fix --force" being run in the terminal.
- Bottom Status Bar:** Shows the current temperature (36°C), battery level (435 PM), and date (4/10/2023).

Payment.jsx រุปที่ 1

The screenshot shows a Visual Studio Code interface with the following details:

- File Explorer:** Shows the project structure under "BETTA-ECOMMERCE-MAIN". The file "Payment.jsx" is open in the editor.
- Editor:** Displays the code for "Payment.jsx". The code includes logic for setting an overlay, returning a section with a table, and handling user data. A red box highlights the "ProductDetails.jsx" file in the sidebar.
- Preview:** A modal window shows a payment receipt table with columns: FullName, Email, Address, Phone, Total Price, Total Quality, Status, Action, and Bill. One row is shown with values: lildeng, abc@gmail.com, asdasd, asdada, Thailand, 15978, 1, no-paid, Pay Now, and a file input field labeled "Choose File" with "no file chosen" and "payment receipt".
- Bottom Status Bar:** Shows "Ln 50, Col 22, Spaces 2, UTF-8, LF, JavaScript JSX, Go Live, 435 PM, 36°C, 4/10/2023".

Payment.jsx รูปที่ 2

Payment.jsx - Beta-commerce-main - Visual Studio Code

File Edit Selection View Go Run Terminal Help

EXPLORER

BETTA-ECOMMERCE-MAIN

src > pages > Payment.jsx > Payment

```
    <td><input type='file' />payment receipt</td>
  </tr>
)
</tbody>
</table>
</Col>
<Col>
<Overlay configs={configs} isOpen={isOpen} closeOverlay={closeOverlay}>

<img alt='qr code' data-bbox="452 168 512 218"/>
<div className='checkout__cart mt-2'>
  <h4>Total Cost: <span>${totalAmout}</span></h4>
</div>
<button
  className='btn btn-danger mt-4'
  onClick={() => {
    setOverlay(false)
  }}
>
  close
</button>
</Overlay>
</Col>
</Row>
</Container>
</section>
)
}
```

PROBLEMS ③ OUTPUT DEBUG CONSOLE TERMINAL

To address all issues (including breaking changes), run:
npm audit fix --force

Run 'npm audit' for details.
PS C:\Users\VCB\Desktop\Beta-commerce-main[]

Ln 85, Col 27 Spaces: 2 UTF-8 LF () JavaScript JSX Go Live ⚡

Type here to search

OUTLINE

TIMELINE

36°C วันนี้ 4:35 PM 4/10/2023

Payment.jsx ภาคที่ 3

26.pages/Checkout.jsx

The screenshot shows the Visual Studio Code interface with the following details:

- File Explorer:** Shows the project structure under "SE-PROJECT". The "pages" folder contains "Cart.jsx" and "Checkout.jsx".
- Editor:** The "Checkout.jsx" file is open. The code imports various components and libraries, including React, reactstrap, Helmet, and Redux. It uses useState hooks to manage state for form fields like fullname, email, numberPhone, street, city, postalcode, country, and loading.
- Code Block:** A callout box highlights the use of useState for setting cart items and total amount.
- Text:** The text "เมื่อทำการกดดวงคำสั่งซื้อให้ทำการเขียนข้อมูลลง Database" is overlaid on the code.
- Bottom Status Bar:** Shows the file path "PS C:\Users\ASUS\Desktop\doc\Work\Y2\2_2565\Software_Engineering\SE-project", file statistics (In 21, Col 50), and system information (97°F, 4:00 PM, 4/10/2023).

Checkout.jsx รุปที่ 1

Checkout.jsx ទូរពី 2

Checkout.jsx - SE-project - Visual Studio Code

File Edit Selection View Go Run Terminal Help

EXPLORER OPEN EDITORS 1 unsaved

Beta-e-commerce > src > pages > Checkout.jsx > [e] Checkout

Checkout.jsx 3

```
81 <input type="text" placeholder="Enter your fullname"
82 value={fullname}
83 onChange={e=>setFullName(e.target.value)}
84 required
85 />
86 </FormGroup>
87 <FormGroup className="form__group">
88 <input type="email" placeholder="Enter your email"
89 value={email}
90 onChange={e=>setEmail(e.target.value)}
91 required
92 />
93 </FormGroup>
94 <FormGroup className="form__group">
95 <input type="number" placeholder="Phone Number"
96 value={numberPhone}
97 onChange={e=>setNumberPhone(e.target.value)}
98 required
99 />
100 </FormGroup>
101 <FormGroup className="form__group">
102 <input type="text" placeholder="street address"
103 value={street}
104 onChange={e=>setStreet(e.target.value)}
105 required
106 />
107 </FormGroup>
108 <FormGroup className="form__group">
109 <input type="text" placeholder="city"
110 value={city}
111 onChange={e=>setCity(e.target.value)}
112 required
113 />
114 </FormGroup>
115 <FormGroup className="form__group">
116 <input type="text" placeholder="Country"
117 value={country}
118 onChange={e=>setCountry(e.target.value)}
119 required
120 />
```

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Betta-commerce > src > pages > Checkout.jsx [6] Checkout

121 </FormGroup>
122 <FormGroup className="form_group">
123 <input type="text" placeholder="Postal code" value={postalcode}>
124 onChange={(e) => setPostalCode(e.target.value)} required>
125 </input>
126 </FormGroup>
127 <button className="buy_btn auth_btn btn btn_info bg_info" >Place an order</button>
128 </Form>
129 </Col>
130 <Col lg="4" className="checkout_cart_col">
131 <div className="checkout_cart">
132 <h6>Total Qty: {totalQuantity}</h6>
133 <h6>Subtotal: \${totalAmout}</h6>
134 <h4>Total Cost: \${totalAmout}</h4>
135 </div>
136 </Col>
137 </Row>
138 </Container>
139 </section>
140 </Helmet>
141 </>
142 </Row>
143 </Container>
144 </section>
145 </Helmet>
146 </>
147 </>
148 </>
149 export default Checkout;

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