Webpro-1727

This project is a simple full-stack project consisting of a backend and frontend. The backend uses Node.js and Express, while the frontend uses Vite + React.

Web Programming '23 Project by **Dahayu Azhka Daeshawnda (10231027)** and **Ansellma Tita Pakartiwuri Putri (10231017).**

How to Run the Project

Prerequisites

Before running this project, make sure you have installed:

- Node.js (version 16 or higher)
- npm (Node Package Manager)

Usage Steps

1. Clone the Repository

Clone this repository to your local computer:

```
git clone https://github.com/wounderfvl/webpro-1727.git
cd webpro-1727
```

2. Install Dependencies

Install all required dependencies for both backend and frontend:

backend

```
cd backend
npm install
```

frontend

```
cd frontend/eccomerce-frontend
npm install
```

3. Run the Backend Application

Run the backend using the following command in the project root directory:

```
node index.js
```

The backend will run on the default port. Access it at:

```
http://localhost:3001
```

4. Run the Frontend Application

To run the frontend in development mode:

```
npm run dev
```

The frontend will run on the default port. Access it at:

```
http://localhost:5173
```

API Endpoint List

Below is a list of available API endpoints in the backend:

1. **GET /api/produk**

- **Description**: Retrieves a list of all products.
- **Example Response**:

```
[
  {"id":3,"nama":"Azhka","harga":0},
  {"id":4,"nama":"Ansel","harga":0}
]
```

2. **POST /api/products**

- **Description**: Adds a new product.
- **Request Body**:

```
{
  "name": "Azhka",
```

```
    "harga": "0"
  }
```

- **Example Response**:

```
{
  "id": 3,
  "name": "Azhka",
  "harga": "0"
}
```

3. **GET /api/products/:id**

- **Description**: Retrieves product details by ID.
- **Example Response**:

```
{
  "id": 1,
  "name": "Alhaitham",
  "harga": "0"
}
```

4. **PUT /api/products/:id**

- **Description**: Updates product data by ID.
- **Request Body**:

```
{
  "name": "Alhaitham C6R5",
  "harga": "0"
}
```

- **Example Response**:

```
{
  "id": 1,
  "name": "Alhaitham C6R5",
  "harga": "0"
}
```

5. **DELETE /api/products/:id**

- **Description**: Deletes a product by ID.
- **Example Response**:

```
{
  "message": "Product deleted successfully"
}
```

Contribution

We welcome contributions! If you would like to contribute, please submit a pull request with a clear explanation of the changes you propose.

If you have any questions or need assistance, feel free to open an issue in this repository.