

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.

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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:

```
npm install
```

Navigate to the frontend folder and install its dependencies:

```
cd frontend/eccommerce-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.