API Endpoint: Get All Products

Endpoint Details

- **URL:** `http://localhost:5000/api/product`
- **Method:** GET
- **Description:** This endpoint retrieves all products and requires the user to be authenticated.

Request Headers

- **Cookie:** `token=<authentication_token>`

Test Cases

1. Successful Retrieval of Products

- **Description:** Verify that the API returns all products for an authenticated user.
- **Input:**
  - **Headers:**
    - Cookie: `token=<valid_token>`
- **Expected Response:**
  - **Status Code:** 200 OK
  - **Body:** JSON array containing product details

2. User Not Authenticated

- **Description:** Verify that the API returns an error when the user is not authenticated or the authentication token is missing/invalid.
- **Input:**
  - **Headers:**
    - Cookie: `token=<invalid_or_missing_token>`
- **Expected Response:**
  - **Status Code:** 401 Unauthorized
  - **Body:** JSON object containing an error message (e.g., `{ "error": "Not authorized" }`)

Test Results

Test Case	Status	Response Code	Response Body	Remarks

Successful Retrieval of Products	Pass	200	JSON array with product details	Products retrieved successfully
User Not Authenticated	Pass	401	{ "error": "Not authorized" }	Appropriate error message shown