

# E-commerce API Documentation

This document outlines the API Endpoints available for interacting with e-commerce platforms.

Base URL: <http://localhost:4000/>

## 1. Product Endpoints:

Endpoint	<code>/getproductlist</code>
Method	GET
Description	Retrieves a list of all products.
Authentication	No
Input Parameters	None
Response Format	<code>[{ product_id, product_name, price, image_url, ... }]</code>

Endpoint	<code>/addproduct</code>
Method	POST
Description	Adds a new product to the database.
Authentication	Yes
Input Parameters	Product data in request body ( <code>product_name</code> , <code>price</code> , etc.)
Response Format	<code>{ success: true/false, message: ... }</code>

Endpoint	<code>/removeproduct</code>
Method	POST
Description	Deletes a product from the database.
Authentication	Yes

Input Parameters	<code>product_id</code>
Response Format	<code>{ success: true/false, message: ... }</code>

## 2. User Endpoints

Endpoint	<code>/signup</code>
Method	POST
Description	Creates a new customer account.
Authentication	No
Input Parameters	User data in request body ( <code>customer_name</code> , <code>customer_email</code> , <code>customer_password</code> )
Response Format	<code>{ success: true/false, message: ... }</code>

Endpoint	<code>/login</code>
Method	POST
Description	Logs in an existing customer.
Authentication	No
Input Parameters	<code>customer_email</code> , <code>customer_password</code> in request body
Response Format	<code>{ success: true/false, message: ... }</code>

Endpoint	<code>/addproducttocart</code>
Method	POST
Description	Adds a product to the user's cart.
Authentication	Yes

Input Parameters	<code>productId</code>
Response Format	<code>{ success: true/false, message: ... }</code>

Endpoint	<code>/removeproductfromcart</code>
Method	POST
Description	Removes a product from the user's cart.
Authentication	Yes
Input Parameters	<code>productId</code>
Response Format	<code>{ success: true/false, message: ... }</code>

Endpoint	<code>/getallproductsfromcart</code>
Method	POST
Description	Retrieves the user's cart data.
Authentication	Yes
Input Parameters	None
Response Format	<code>{ [productId]: quantity, ... }</code>