

# Shop API - User Module aaDocumentation

## Overview

This documentation provides an overview of the User module endpoints for the Shop API. The User module includes functionalities such as user registration, login, deletion, and retrieval of orders. All endpoints that require authentication use JWT tokens.

Base URL

<http://sp-rest.vercel.app/>

## User

### Endpoints

#### User Registration

→ POST /user/signup

◆ This endpoint allows a new user to register.

◆ Request:

- Method: POST
- URL: /user/signup
- Headers: Content-Type: application/json
- Body : json

```
{ "email": "user@example.com", "password": "user_password" }
```

#### User Login

• POST /user/login

○ This endpoint allows a user to log in and receive a JWT token.

○ Request:

- Method: POST
- URL: **/user/login**
- Headers: Content-Type: application/json
- Body json :

```
{ "email": "user@example.com", "password": "user_password" }
```

## Delete User

- DELETE /user/
  - This endpoint allows for the deletion of a user account.
  - Request:
    - Method: DELETE
    - URL: **/user/userID**
    - Headers:
      - Content-Type: application/json
      - Authorization: Bearer jwt\_token
    - Params:
      - userID: The ID of the user to be deleted.

# Product

## Get All Products

- GET /product
  - This endpoint retrieves all products.
  - Request:
    - Method: GET
    - URL: **/product**
    - Headers: None

## Create a Product

- POST /product
  - ◆ This endpoint allows a new product to be created.
  - ◆ Request:
    - Method: POST
    - URL: **/product**
    - Headers:
      - Authorization: Bearer jwt\_token
      - Content-Type: multipart/form-data
  - Body: Form data :
    - name (String): The name of the product
    - price (Number): The price of the product
    - productImage (File): The image file of the product

## Get a Specific Product

- GET /product/:productID
  - This endpoint retrieves a specific product by ID.
  - Request:
    - Method: GET
    - URL: **/product/:productID**
    - Headers: None

## Update a Product

- PATCH /product/:productID
  - This endpoint updates a product by ID.
  - Request:
    - Method: PATCH
    - URL: **/product/:productID**
    - Headers:
      - Authorization: Bearer jwt\_token
      - Content-Type: application/json

## Delete a Product

- DELETE /product/:productID
  - This endpoint deletes a product by ID.
  - Request:
    - Method: DELETE
    - URL: **/product/:productID**
    - Headers:
      - Authorization: Bearer jwt\_token
      - Content-Type: application/json

# Orders

## Create an Order

- POST / orders

This endpoint allows a new order to be created.

Request:

- Method: POST
- URL: **/orders**
- Headers:
  - Authorization: Bearer jwt\_token
  - Content-Type: application/json

Body : json

```
{ "productID": "product_id","quantity": 1 }
```

## Get All Orders

- GET /orders
  - This endpoint retrieves all orders.
  - Request:
    - Method: GET
    - URL: **/orders**
    - Headers:
      - Authorization: Bearer jwt\_token

## Get a Specific Order

- GET /order/:orderId
  - This endpoint retrieves a specific order by ID.
  - Request:
    - Method: GET
    - URL: **/orders/:orderId**
    - Headers:
      - Authorization: Bearer jwt\_token

## Delete an Order

- DELETE /orders/
  - This endpoint deletes a specific order by ID.
  - Request:
    - Method: DELETE
    - URL: **/orders/**
    - Headers:
      - Authorization: Bearer jwt\_token

○