

# PRODUCTS MANAGEMENT

Continuing with the application we have been working. We need to implement CRUD operations for products. Products list will be your default page after you login. Make this from a seller's point of view.

Add following functionalities to the application.

## 1. List of Products w/ Pagination

- URL: `{API_HOST_URL}/products`
- Method: GET
- Query Parameters

```
name: string
sortBy: string
limit: number
page: number
```

- Headers

```
Authorization: Bearer {PLACE_YOUR_TOKEN_HERE}
```

## 2. Get One Product

- URL: `{API_HOST_URL}/products/:productId`
- Method: GET
- Headers

```
Authorization: Bearer {PLACE_YOUR_TOKEN_HERE}
```

## 3. Create Product

- URL: `{API_HOST_URL}/products`
- Method: POST
- Request Payload

```
name: string
description: string
```

```
images: files
price: number
```

- Headers

```
Authorization: Bearer {PLACE_YOUR_TOKEN_HERE}
Content-Type: multipart/form-data
```

#### 4. Update Product

- URL: {API\_HOST\_URL}/products/:productId
- Method: PATCH
- Request Payload

```
name: string
description: string
price: number
```

- Headers

```
Authorization: Bearer {PLACE_YOUR_TOKEN_HERE}
```

#### 5. Update Product Images

- URL: {API\_HOST\_URL}/products/images/:productId
- Method: PATCH
- Request Payload

```
new_images: files
delete: file_ids_to_be_deleted
```

- Headers

```
Authorization: Bearer {PLACE_YOUR_TOKEN_HERE}
Content-Type: multipart/form-data
```

#### 6. Delete Product

- URL: {API\_HOST\_URL}/products/:productId
- Method: DELETE
- Headers

```
Authorization: Bearer {PLACE_YOUR_TOKEN_HERE}
```