

## User Story 1: Create Products for a Seller

**As a seller,**

**I want to** create multiple products for my seller account,  
**so that** I can manage and sell my products effectively.

### Acceptance Criteria:

1. The endpoint `/api/products/{idSeller}` should accept a POST request.
2. It should take a `ProductCreationListRequestDTO` in the request body containing details of products to be created.
3. Upon successful creation, it should return a `ProductCreationResponseDTO` indicating the operation was successful.
4. If a product with the same name already exists for the seller, an `ApiException` should be thrown with a message indicating the conflict.

## User Story 2: Update Product for a Seller

**As a seller,**

**I want to** update details of a specific product in my seller account,  
**so that** I can maintain accurate product information.

### Acceptance Criteria:

1. The endpoint `/api/products/{idSeller}/{idProduct}` should accept a PUT request.
2. It should take a `ProductCreationDTO` in the request body containing updated details of the product.
3. It should update the product details (name, price, type) in the database for the specified `idProduct`.
4. If the product does not exist in the seller's scope or if the product with `idProduct` is not found, an `ApiException` should be thrown with a relevant message.

## User Story 3: Retrieve Scarce Products in Warehouses

**As a warehouse manager,**

**I want to** retrieve warehouses with products below a specified scarcity limit,  
**so that** I can prioritize restocking and manage inventory effectively.

### Acceptance Criteria:

1. The endpoint `/api/batch/list/scarce/{scarceLimit}` should accept a GET request.
2. It should take `scarceLimit` as a path variable specifying the threshold of scarcity (a positive number).
3. It should return a list of `ScarceWarehouseDTO` objects representing warehouses and their scarce products.
4. If `scarceLimit` is not a positive number, the endpoint should throw an `ApiException` with a bad request message.