**ProductService API** documentation

**Overview**: This API allows you to get the product information by applying various filters such as price range, size, and highlight status

**Base URL:** <https://localhost:7051/filter>

**Swagger URL**: <https://localhost:7051/swagger/index.html>

**Available Endpoint**

**GET /filter**

This endpoint allows users to filter products based on several optional query parameters:

* minprice: Minimum price of the product(s).
* maxprice: Maximum price of the product(s).
* size: The size of the product (small, medium and large).
* highlight: keywords which should be separated by comma (green, blue) filter from the description of the product.

**Query Parameters**

* minprice (Optional)

Type: integer

Example: minprice=10

* maxprice (Optional)

Type: int

Example: maxprice=50

* size (Optional)

Type: string

Example: size=medium

* highlight (Optional)

Type: string

Example: highlight= green, blue

**Response Format:**

The response will be in a JSON format containing the products that match the provided filter criteria.

Example:

[

{

"title": "A Red Trouser",

"price": 10,

"sizes": [

"small",

"medium",

"large"

],

"description": "This trouser perfectly pairs with a green shirt."

},

{

"title": "A Green Trouser",

"price": 11,

"sizes": [

"small"

],

"description": "This trouser perfectly pairs with a blue shirt."

},

{

"title": "A Blue Trouser",

"price": 12,

"sizes": [

"medium"

],

"description": "This trouser perfectly pairs with a red shirt."

}

]