[order-bug] - GET - Not all order fields are displayed

Steps:

1. curl -X GET --header 'Accept: application/json' 'http://3.71.8.186/api/v1/order'

Expected result:

All required fields are displayed.

Actual result:

```
[
  {
    "id": 10248,
    "orderDate": "1996-07-04 00:00:00",
    "requiredDate": "1996-08-01 00:00:00",
    "shipName": "Vins et alcools Chevalier",
    "shipAddress": "59 rue de l-Abbaye",
    "shipCity": "Reims",
    "shipPostalCode": "51100",
    "shipCountry": "France"
  },
... ]
```

There are no such fields: **CustomerID**, **EmployeeID**, **ShippedDate**, **ShipVia**, **ShipRegion.**

Environment

Chrome v. 131.0.6778.205

[order-bug] - POST - The example value in Swagger is incorrect

Steps:

1. Navigate to http://3.71.8.186/swagger-ui.html#!/order-bug-controller/saveOrderUsingPOST.
2. Click on the order-bug-controller.
3. Click on the POST api/v1/order.
4. Scroll until it shows the Parameters.

5. Observe that in the Data Type column, under Example Value, the field 'order' is an object containing other objects.

Expected result:

The Example Value contain the fields without subfields.

Actual result:

```
{
  "customerId": "string",
  "employeeId": 0,
  "order": {
    "freight": 0,
    "orderDate": "2022-03-30 11:11:11",
    "requiredDate": "2022-03-30 11:11:11",
    "shipAddress": "string",
    "shipCity": "string",
    "shipCountry": "string",
    "shipName": "string",
    "shipPostalCode": "string",
    "shipRegion": "string",
    "shippedDate": "2022-03-30 11:11:11"
  }
}
```

Environment

Test

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[order-bug] - POST - 500 displays on adding a new order

Steps:

1.

curl -X POST --header 'Content-Type: application/json' --header 'Accept: application/json' -d '{

```
    "freight": 0,

    "orderDate": "2022-03-30 11:11:11",

    "requiredDate": "2022-03-30 11:11:11",

    "shipAddress": "string",

    "shipCity": "string",

    "shipCountry": "string",

    "shipName": "string",

    "shipPostalCode": "string",

    "shipRegion": "string",

    "shippedDate": "2022-03-30 11:11:11"
}' 'http://3.71.8.186/api/v1/order'
```

Expected result:

An order has been successfully added to the DB. Status code is 201.

Actual result:

```
{

    "timestamp": "2024-11-07T13:37:04.031+00:00",

    "status": 500,

    "error": "Internal Server Error",

    "message": "No message available",

    "path": "/api/v1/order"

}
```

Environment

Chrome v. 131.0.6778.205

==[order-bug] - PATCH - 400 appears on editing an order==

Steps:

1.

```
curl -X PATCH --header 'Content-Type: application/json' --header 'Accept: application/json'
-d '{

    "customer": "lalalala",

    "employee": 0,

    "freight": 0,
```

```
    "orderDate": "2024-11-07T11:22:28.481Z",

    "requiredDate": "2024-11-07T11:22:28.481Z",

    "shipAddress": "string",

    "shipCity": "string",

    "shipCountry": "string",

    "shipName": "string",

    "shipPostalCode": "string",

    "shipRegion": "string",

    "shippedDate": "2024-11-07T11:22:28.481Z"

  }' 'http://3.71.8.186/api/v1/order/11084'
```

Expected result:

The order is successfully changed. Status code is 200.

Actual result:

```
{

    "timestamp": "2024-11-07T21:39:59.070+00:00",

    "status": 400,

    "error": "Bad Request",

    "message": "JSON parse error: Cannot deserialize value of type
`java.time.LocalDateTime` from String \"2024-11-07T11:22:28.481Z\": Failed to deserialize
java.time.LocalDateTime: (java.time.format.DateTimeParseException) Text '2024-11-
07T11:22:28.481Z' could not be parsed at index 10; nested exception is
com.fasterxml.jackson.databind.exc.InvalidFormatException: Cannot deserialize value of
type `java.time.LocalDateTime` from String \"2024-11-07T11:22:28.481Z\": Failed to
deserialize java.time.LocalDateTime: (java.time.format.DateTimeParseException) Text
'2024-11-07T11:22:28.481Z' could not be parsed at index 10\n at [Source:
(PushbackInputStream); line: 5, column: 17] (through reference chain:
com.northwind.northwindrestapi.dto.OrderPatchDTO[\"orderDate\"])",

    "path": "/api/v1/order/11084"

}
```

Environment

Chrome v. 131.0.6778.205

[product-bug] - GET - The response body does not show all products

Steps:

1. curl -X GET --header 'Accept: application/json' 'http://3.71.8.186/api/v1/product'

Expected result:

All products are displayed.

Actual result:

```
[
  {
    "id": 1,
    "name": "string",
    "quantityPerUnit": "string",
    "unitPrice": 18.0,
    "unitsInStock": 39,
    "unitsOnOrder": 0,
    "reorderLevel": 10,
    "discontinued": false
  }
]
```

Environment

Chrome v. 131.0.6778.205

[product-bug] - POST - No changes are saved in the field "quantityPerUnit"

Steps:

1.

curl -X POST --header 'Content-Type: application/json' --header 'Accept: application/json' -d '{

```
  "discontinued": false,
  "id": 0,
  "name": "Books",
  "quantityPerUnit": "10",
  "reorderLevel": 2,
  "unitPrice": 150,
  "unitsInStock": 40,
```

```
    "unitsOnOrder": 12
}' 'http://3.71.8.186/api/v1/product/category/1'
```

Expected result:

The field "quantityPerUnit" displays "10".

Actual result:

```
{
    "id": 101,
    "name": "Books",
    "quantityPerUnit": null,
    "unitPrice": 150.0,
    "unitsInStock": 40,
    "unitsOnOrder": 0,
    "reorderLevel": 2,
    "discontinued": false
}
```

Environment

Chrome v. 131.0.6778.205

[product-bug] - POST - No changes are saved in the field "unitsOnOrder"

Steps:

```
curl -X POST --header 'Content-Type: application/json' --header 'Accept: application/json' -
d '{
    "discontinued": false,
    "id": 0,
    "name": "laptops",
    "quantityPerUnit": "1",
    "reorderLevel": 1,
    "unitPrice": 500,
    "unitsInStock": 500,
    "unitsOnOrder": 20
}' 'http://3.71.8.186/api/v1/product/category/2'
```

Expected result:

The field "unitsOnOrder" displays "20".

Actual result:

```
{
    "id": 122,
    "name": "laptops",
    "quantityPerUnit": null,
    "unitPrice": 500.0,
    "unitsInStock": 500,
    "unitsOnOrder": 0, // here is an issue
    "reorderLevel": 1,
    "discontinued": false
}
```

Environment

Chrome v. 131.0.6778.205