

POST/ add-product 200 OK

Priority	Severity	Behavior	Type
High	-	Positive	Functional
Layer	Is Flaky	Is Muted	Automation
API	No	No	Manual
Status	Milestone		
Actual	-		

Description

This test verifies that a new product can be successfully created via the `/add-product` POST request

Preconditions

Base URL variable `{{baseUrl}}`

Postconditions

The new product appears in the product list (GET `/products`)

Steps to reproduce

#	Step	Action	Expected Result
1	Open Postman, choose request POST	<code>{{baseUrl}}/add-product.</code>	Request ready to send
2	Click Body , choose raw , select JSON	<pre>{ "name": "Huawei Max 7", "description": "Описание для Huawei Max 7.", "price": 534, "category": "watches", "manufacturer": "Huawei", "imageUrl": "https://picsum.photos/seed/531/600/400", "freeShipping": "Да" }</pre>	Request ready to send
3	Click SEND		Response code is 200 OK. The response body contains the text "Продукт успешно добавлен" and the ID of the created product

GET /products 200 OK

Priority	Severity	Behavior	Type
Medium	-	Positive	Functional
Layer	Is Flaky	Is Muted	Automation
API	No	No	Manual
Status	Milestone		
Actual	-		

Description

This test verifies that the /products endpoint successfully returns a list of all available products in the system

Preconditions

At least One product created via POST /add-product

Steps to reproduce

#	Step	Action	Expected Result
1	Open Postman and select request GET	{{baseUrl}}/products	Request is ready to send
2	Click SEND		Response code 200 OK . The product with the following characteristics is present in the list

PUT /update-product 200 OK

Priority	Severity	Behavior	Type
Medium	-	Positive	Functional
Layer	Is Flaky	Is Muted	Automation
API	No	No	Manual
Status	Milestone		
Actual	-		

Description

This test verifies that the /update-product endpoint successfully updates product information with [valid data](#).

Preconditions

At least one product created via **POST** /add-product

Steps to reproduce

#	Step	Action	Expected Result
1	Open Postman and select request PUT	<code>{{baseUrl}}/update-product</code>	Request is ready to send
2	Body (raw, JSON)	<pre>{ "id": "{{productId}}, "name": "Huawei Note 9 Updated", "description": "Updated description for Huawei Note 9", "price": 899, "category": "phones", "manufacturer": "Huawei", "imageUrl": "https://picsum.photos/seed/999/600/400", "freeShipping": false }</pre>	Request is ready to send
3	Click SEND		Response code 200 OK . Response body contains confirmation message: Товар обновлён

G101-1412 / API Testing / API Testing - Iana Nikhileeva

PATCH /update-product — partial update 200 OK

Priority	Severity	Behavior	Type
Medium	-	Positive	Functional
Layer	Is Flaky	Is Muted	Automation
API	No	No	Manual
Status	Milestone		
Actual	-		

Description

This test verifies that the `/update-product` endpoint can partially update a product with [valid data](#)

Preconditions

One product created via `POST /add-product` and its `{{productId}}` is known

Steps to reproduce

#	Step	Action	Expected Result
1	Open Postman and select request PATCH	<code>{{baseUrl}}/update-product</code>	Request is ready to send
2	Click Body , raw, JSON	<code>{ "id": {{productId}}, "price": 777, "freeShipping": "Het" }</code>	Request body is ready
3	Click SEND		Response code 200 OK. The response confirms the product was updated
4	(Verification) Send GET by ID	<code>{{baseUrl}}/product/{{productId}}</code>	Returned product has updated fields: <code>price = 777 , freeShipping = "Het"</code> . Other fields (<code>name , category , manufacturer ,...</code>) remain unchanged.

G101-1413 / API Testing / API Testing - Iana Nikhileeva

DELETE /product/{id} 200 OK

Priority	Severity	Behavior	Type
High	-	Positive	Functional
Layer	Is Flaky	Is Muted	Automation
API	No	No	Manual
Status	Milestone		
Actual	-		

Description

This test verifies that the `/product/{id}` endpoint deletes the selected product

Preconditions

One product created via `POST /add-product` and its `{{productId}}` is known

Steps to reproduce

#	Step	Action	Expected Result
1	Open Postman and select request DELETE	<code>{{baseUrl}}/product/{{productId}}</code>	Request is ready to send
2	Click SEND		Response code 200 OK. The response confirms the product was deleted
3	(Verification) Send GET by ID	<code>{{baseUrl}}/product/{{productId}}</code>	The product is not returned (not found / empty result)
4	(Verification) Send GET /products	<code>{{baseUrl}}/products</code>	The deleted product is absent in the list