

Get a paginated list of all cargos in the warehouse with valid paramaters

Priority	Severity	Behavior	Type
High	Major	Positive	Functional
Layer	Is Flaky	Is Muted	Automation
Not set	No	No	Manual
Status	Milestone		
Actual	-		

Preconditions

There are more than 2 cargos stored in the warehouse database

Steps to reproduce

#	Step	Action	Expected Result
1	Send GET request to the endpoint <code>/api/inventory</code> with valid parameters skip and limit		The system responds with 200 OK status and a list of starships in the response body

Get a paginated list of all cargos in the warehouse with invalid 'skip' parameter

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

Preconditions

There are at least 2 cargo starships in the database

Steps to reproduce

#	Step	Action	Expected Result
1	Send GET request to the endpoint <code>/api/inventory</code> and set invalid 'skip' parameter (min. 0) and valid 'limit' parameter	'skip' = -1	The system responds with 422 status Unprocessable Entity

SPA-4 / Cargo (API)

Get a paginated list of all cargos in the warehouse with invalid 'limit' parameter

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

Preconditions

There are at least 2 cargos available in the database

Steps to reproduce

#	Step	Action	Expected Result
1	Send GET request to the endpoint <code>/api/inventory</code> with valid 'skip' parameter (min. 0) and invalid 'limit' parameter (max 1000)	'limit' = 1001	The system responds with 422 Status 'Unprocessable Entity'

SPA-5 / Cargo (API)

Addition of a new cargo in the warehouse with valid data

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

Preconditions

The databse does not contain a cargo with creating name

Steps to reproduce

#	Step	Action	Expected Result
1	Send POST request to the endpoint <code>/api/cargo</code> with json body	{ "name": "Neptune", "quantity": 500, "weight": 2, "volume": 3 }	The system responds with 201 Status with response body { "name": "Neptune", "quantity": 500, "weight": 2.0, "volume": 3.0, "id": 38 }

SPA-6 / Cargo (API)

Addition of a new cargo in the warehouse with already existing name

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

Preconditions

The database contains a name of a cargo that is being created

Steps to reproduce

#	Step	Action	Expected Result
1	Send POST request to the endpoint <code>/api/cargo</code> with json body NOTE! The name of a cargo exists in the database	<pre>{ "name": "Neptune", "quantity": 500, "weight": 2, "volume": 3 }</pre>	The system responds with the 400 Bad request status and message '{ "detail": "Груз с таким названием уже существует" '}

SPA-7 / Cargo (API)

Addition of a new cargo in the warehouse with invalid quantity

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

Preconditions

The system does not contain cargo with name that is being created

Steps to reproduce

#	Step	Action	Expected Result
1	Send POST request to the endpoint with json body, where quantity is invalid	<pre>{ "name": "Space 2", </pre>	The system responds with 422 Status Unprocessable Entity

# Step	Action	Expected Result
	"quantity": 1000001, "weight": 2, "volume": 3 }	

SPA-8 / Cargo (API)

Addition of new cargo with invalid weight into the warehouse

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

Steps to reproduce

# Step	Action	Expected Result
1	Send POST request to the endpoint <code>/api/cargo</code> with json body where weight is invalid number	<pre>{ "name": "Space 2", "quantity": 1000000, "weight": -1, "volume": 3 }</pre> The system responds with 422 Status Unprocessable Entity

SPA-9 / Cargo (API)

Addition of new cargo into the warehouse with invalid volume

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

Steps to reproduce

# Step	Action	Expected Result
1	Send POST request to the endpoint <code>/api/cargo</code> with json body, where volume is invalid	<pre>{ "name":</pre> Ths system responds with 422 Status Unprocessable Entity

# Step	Action	Expected Result
	"Space 2", "quantity": 1000000, "weight": 1001, "volume": -1 }	

SPA-10 / Cargo (API)

Cargo data update

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

Description

Updates existing cargo data

Preconditions

The DB contains cargo with id

Steps to reproduce

# Step	Action	Expected Result
1 Send PUT request to the endpoint /api/cargo/{cargo_id} and set in params 'cargo_id' with valid id number from the DB	cargo_id = 39 request body: { "name": "Space 1", "quantit y": 500, "weight" : 2, "volume" : 3	The system responds with 200 OK status and response body contains updated data { "name": "Space 1", "quantity": 500, "weight": 2.0, "volume": 3.0, "id": 39 }

# Step	Action	Expected Result
	}	

SPA-11 / Starhips (Frontend)

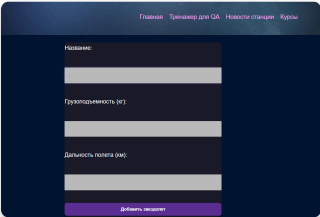
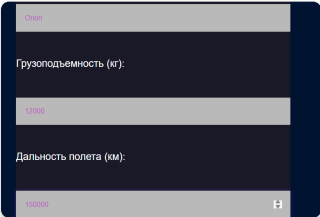
Addition of a new starship into the DB.

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

Preconditions

- 1. User is on the 'Starships' page and can see the table with available starships
- 2. User is logged in

Steps to reproduce

# Step	Action	Expected Result
1	Scroll down to 'Adding new starship' form	The form fields "Name", "Payload Capacity (kg)", and "Flight Range (km)" and the "Add Spaceship" button are visible.
		
2	Enter 'Orion' in the 'Name' field, '15000' in the 'Payload capacity' field, '120000' in the 'Flight Range' field	The inserted data is displayed in the input fields.
		
3	Click the 'Add Spaceship' button	A success message is displayed, and the table updates with a new row containing the spaceship Orion with payload capacity 15000 and flight range 120 000 km.

Addition of a new starship from with blank input field

Priority	Severity	Behavior	Type
Not set	Normal	Negative	Functional
Layer	Is Flaky	Is Muted	Automation
Not set	No	No	Manual
Status	Milestone		
Actual	-		

Preconditions

User is logged in and on the 'Starhips' page

Steps to reproduce

#	Step	Action	Expected Result
1	Scroll down to the 'Adding new starship' form		The form is visible and contains 'Name', 'Payload Capacity (kg)', 'Flight Range (km)' and the 'Add Spaceship' button
2	Enter 'Orion 1' in the field 'Name', '120000' into the 'Payload Capacity' field and leave the 'Flight Range' field blank		'Orion 1', '120000' are visible and 'Flight Range' field does not contain any data
3	Click 'Add spaceship' button		'Fill in this field' message pops up next to the 'Flight Range' field
	