

TEST-NOTES

“PetStore API” Testing and automated checks challenge (B) - adidas app team

SERVICE: STORE (ACCESS TO PETSTORE ORDERS)

The service that I decide to choose is the store service, the reason is that we are managing a store, so the most important aspect when you have a store is getting orders, if you don't have orders just only user or pets you have a customer relationship management platform instead of a store not only that is the meaningful reason but also another critical aspect if the store gets a wrong order the impact in the business going to be critical for example wrong quantities, prices, status, products or dates the business should have to begin other workflows to figure out those issues like creating a return or repayment or in critical scenario lose products because the customer gets wrong prices according to the quantity or failing to comply with the order by an invalid status.

The other services it also essential but from my point of view, orders have the most critical impact on the business workflow.

Bugs:

#	Scenario/Test Steps	Expected Outcome	Actual	Data
1	Missing authorization token for delete and 401 Unauthorized Error to indicate that the requested resource is restricted and requires authentication.	Header authorization token for Delete purchase order by ID.		Method: DELETE

#	Scenario/Test Steps	Expected Outcome	Actual	Data
2	Negative or non-integer values are valid for the POST method when the user tries to create an order.	Expected Status: 500	Actual Status: 200	Method: POST
3	GET order by id service wrong response format.	application/json	XML	Method: GET
4	Invalid Response body message when user delete an order with Invalid ID supplied	Invalid ID supplied	"message": ID number	Method: DELETE
5	POST method to create orders accepts previously created order ID (duplicated ID)	Expected Status: Invalid Order (400)	successful operation (200)	Method: POST
6	POST method allows creating Order with negative id	Invalid Order (400)	successful operation (200)	Method: POST
7	POST method allows creating Order with non-integer id	Invalid Order (400)	successful operation (200)	Method: POST

#	Scenario/Test Steps	Expected Outcome	Actual	Data
8	DELETE method allows Negative and non-integer values as valid data	Negative or non-integer values will generate API errors with Invalid ID supplied and status code 400	successful operation with status code 404 (Order not found)	Method: DELETE
9	Wrong GET order response body message for Invalid ID supplied	Invalid ID supplied	Order not found	<ul style="list-style-type: none"> Method: GET. ID values not in condition "value >= 1 and <= 10"
10	Wrong GET order response body type and message for non-integer ID supplied	Type: error Message: [Invalid ID supplied]	Type: unknown Message: [java.lang.NumberFormatException: For input string: "3.5"]	<ul style="list-style-type: none"> Method: GET. ID = 3.5
11	Wrong status code for the GET method with Invalid ID supplied	400	404	<ul style="list-style-type: none"> Method: GET. ID values not in condition "value >= 1 and <= 10"
12	Wrong DELETE order response body type for Not Found orders	Type: error	Type: unknown	Method: DELETE
13	Wrong DELETE order response body type and message for Invalid ID supplied	Type: error Message: Expected: Invalid ID supplied	Type: unknown Message: Order not found	<ul style="list-style-type: none"> Method: DELETE ID values not in condition "value >= 1 and <= 10"

#	Scenario/Test Steps	Expected Outcome	Actual	Data
14	Wrong DELETE order response body type and message for non-integer ID supplied	type: error Message: Expected: [Invalid ID supplied]	type: unknown Message [java.lang.NumberFormatException: For input string: "3.5"]	<ul style="list-style-type: none"> • Method: DELETE • ID = 3.5