

Test Cases

API tests for PetStore 5

C1: Add new pet to the store by POST method

Type	Priority	Estimate	References
Functional	Critical	None	None
Automation Type			
None			
Preconditions			
Headers request:			
Content-Type: application/json			
Steps			
1	Send POST request: https://petstore.swagger.io/v2/pet		The request is successfully sent to the server
The body of the request is JSON object:			
<pre>{ "id": 0, "category": { "id": 0, "name": "cat" }, "name": "candy", "photoUrls": ["string"], "tags": [{ "id": 0, "name": "string" }], "status": "available" }</pre>			
2	Check Status code		HTTP Status: 200 OK
3	Check the body of the server response		The response body will be in JSON format. Each value is conformed to the value from POST request:
<pre>{ "id": 9223372036854175179, "category": { "id": 0, "name": "cat" }, "name": "candy", "photoUrls": ["string"], "tags": [{ "id": 0, "name": "string" }] }</pre>			

5



```
}
],
"status": "available"
}
```

4 Check the structure of the response

JSON schema is displayed correctly:
The fields name and type are conformed to the requirements.
The fields values match to the values sent with POST request

5 Check the response headers

KEY	VALUE
Date	Mon, 22 Aug 2022 14:28:43 GMT
Content-Type	application/json
Transfer-Encoding	chunked
Connection	keep-alive
Access-Control-Allow-Origin	*
Access-Control-Allow-Methods	GET,POST,DELETE,PUT
Access-Control-Allow-Headers	Content-Type,api_key,Authorization
Server	Apache/2.4.18 (Ubuntu)

C2: Add new pet to the store with invalid method(e.g. GET)

Type	Priority	Estimate	References
Functional	Medium	None	None
Automation Type			
None			

Preconditions

Headers request:
Content-Type: application/json

Steps

1 Send GET request:<https://petstore.swagger.io/v2/pet>

The request is successfully sent to the server

The body of the request is JSON object:

```
{
  "id": 0,
  "category": {
    "id": 0,
    "name": "cat"
  },
  "name": "candy",
  "photoUrls": [
    "string"
  ],
  "tags": [
    {
      "id": 0,
```



```
"name": "string"

}

],

"status": "available"

}
```

2

Check the status code

HTTP Status: 405 Method Not Allowed

3

Check the body of the server response

The response body in JSON format:

```
{
  apiResponse: {
    "type": "unknown"
  }
}
```


the description of the error is matched to the error type

4

Check the response headers

Key	Value
Date	Mon, 22 May 2022 14:25:45 GMT
Content-Type	application/xml
Content-Length	165
Connection	close
Access-Control-Allow-Origin	*
Access-Control-Allow-Methods	GET, POST, DELETE, PUT
Access-Control-Allow-Headers	Content-Type, x-www-authentication
Server	Apache/2.4.18 (Ubuntu)

C3: Add new pet to the store by POST method with JSON body, but XML content type

Type	Priority	Estimate	References
Functional	Medium	None	None
Automation Type			
None			

Preconditions

Headers request:
Content-Type: application/xml

Steps

1

Send POST request:<https://petstore.swagger.io/v2/pet>
The body of the request is JSON object:

```
{
  "id": 0,
  "category": {
    "id": 0,
    "name": "cat"
  },
  "name": "candy",
  "photoUrls": [
```

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https://learningapi.testrail.io/index.php?/suites/plot/1&format=details&group_by=cases:section_id&group_order=asc&display_deleted_cases=0

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```
"string"
],
"tags": [
{
  "id": 0,
  "name": "string"
}
],
"status": "available"
}
```

2	Check Status code	HTTP Status: 415 Unsupported media type
3	Check the body of the server response	<p>The body of the response is in JSON format:</p> <pre>{ "code": 415, "type": "unknown", "message": "javax.xml.bind.UnmarshalException\n - with linked exception: [org.xml.sax.SAXParseException; lineNumber: 1; columnNumber: 1; Content is not allowed in prolog.]" }</pre> <p>The description of the error match to the error type</p>

4 Check the response headers

Key	Value
Date	Mon, 22 Aug 2022 14:55:40 GMT
Content-Type	application/json
Transfer-Encoding	chunked
Connection	keep-alive
Access-Control-Allow-Origin	*
Access-Control-Allow-Methods	GET,POST,DELETE,PUT
Access-Control-Allow-Headers	Content-Type, X-XSRF-Token
Server	APJS/0.2.0-20190220

C4: Add new pet to the store by POST method, but a non-existent address

Type	Priority	Estimate	References
Functional	Medium	None	None
Automation Type			
None			

Preconditions

Headers request:
Content-Type: application/json

Steps

1	Send POST request:https://petstore.swagger.io/v2/pet1	The request is successfully sent to the server
	The body of the request is JSON object:	
	{	



```
"id": 0,

"category": {

  "id": 0,

  "name": "cat"

},

"name": "candy",

"photoUrls": [

  "string"

],

"tags": [

{

  "id": 0,

  "name": "string"

}

],

"status": "available"

}
```

2	Check Status code	HTTP Status: 404 Not Found
3	Check the body of the server response	<p>The response body in JSON format:</p> <pre>{ "apiResponse": { "message": "null for uri: http://petstore.swagger.io/v2/pet1", "type": "unknown" } }</pre> <p>the description of the error is matched to the error type</p>

4	Check the response headers	
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C5: Add new pet to the store by POST method, but empty body(JSON format)



Type	Priority	Estimate	References
Functional	Critical	None	None

Automation Type
None

Preconditions

Headers request:
Content-Type: application/json

Steps

1

Send GET request:https://petstore.swagger.io/v2/pet

The body of the request is JSON object:

```
{  
  
}
```

The request is successfully sent to the server

2

Check the status code

HTTP Status: 200 OK

3

Check the body of the server response

The response body in JSON format:

```
{  
  "id": "This field is required.",  
  "name": "This field is required."  
}
```

4

Check the response headers

Body

Details

Test Results

KEY	VALUE
Date	Mon, 22 Aug 2022 16:53:41 GMT
Content-Type	application/json
Transfer-Encoding	chunked
Connection	keep-alive
Access-Control-Allow-Origin	*
Access-Control-Allow-Methods	GET, POST, DELETE, PUT
Access-Control-Allow-Headers	Content-Type, x-www-authentication
Server	Jetty/9.2.9-20190224

