

Bug Report for API Testing

(1)Bug Title: POST /addToCartMock.php returns 200 status code without the required response.

Description: POST /addToCartMock.php returns 200 success with an error message telling {"error":"Missing required parameters"} Instead of sending the right response.

Environment:

- API Endpoint: <https://apitpoint.com/api/addToCartMock.php>
- HTTP Method: POST
- Test Tool: Postman
- OS: Windows 10

Steps to Reproduce:

1. Send a POST request to / addToCartMock.php
2. Set the body to:

```
{  
  "product_id" : "10" ,  
  "product_name" : "Wireless Keyboard" ,  
  "quantity" : "2" ,  
  "price" : "50.00"  
}
```

3. Observe the response.

Expected Result:

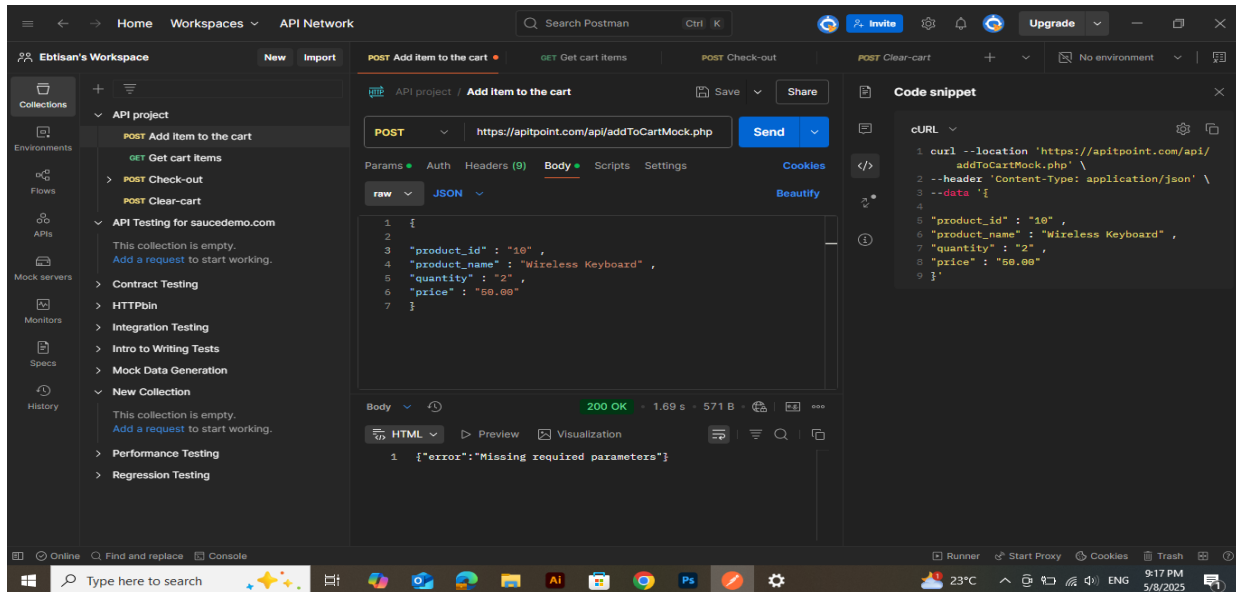
- Status Code: 200
- Response Body:

```
{  
  "message": "Item added to cart successfully (mock)",  
  "product_id": 101,  
  "product_name": "Wireless Keyboard",  
  "quantity": 2,  
  "price": 50.00  
}
```

Actual Result:

- Status Code: 200
- response Body: {"error": "Missing required parameters"}

Screenshots



Severity: High

Priority: High

(2) Bug Title: GET /addToCartMock.php returns 200 status code

Description: GET /addToCartMock.php returns 200 success with an error message telling {"error":"Invalid request method"}

Instead of 401 status code

Environment:

- API Endpoint: <https://apitpoint.com/api/addToCartMock.php>
- HTTP Method: GET
- Test Tool: Postman
- OS: Windows 10

Steps to Reproduce:

1-Send a GET request to / addToCartMock.php

2- Set the body to:

```
{  
  "product_id" : "10",  
  "product_name" : "Wireless Keyboard",  
  "quantity" : "2",  
  "price" : "50.00"  
}
```

3-Observe the response.

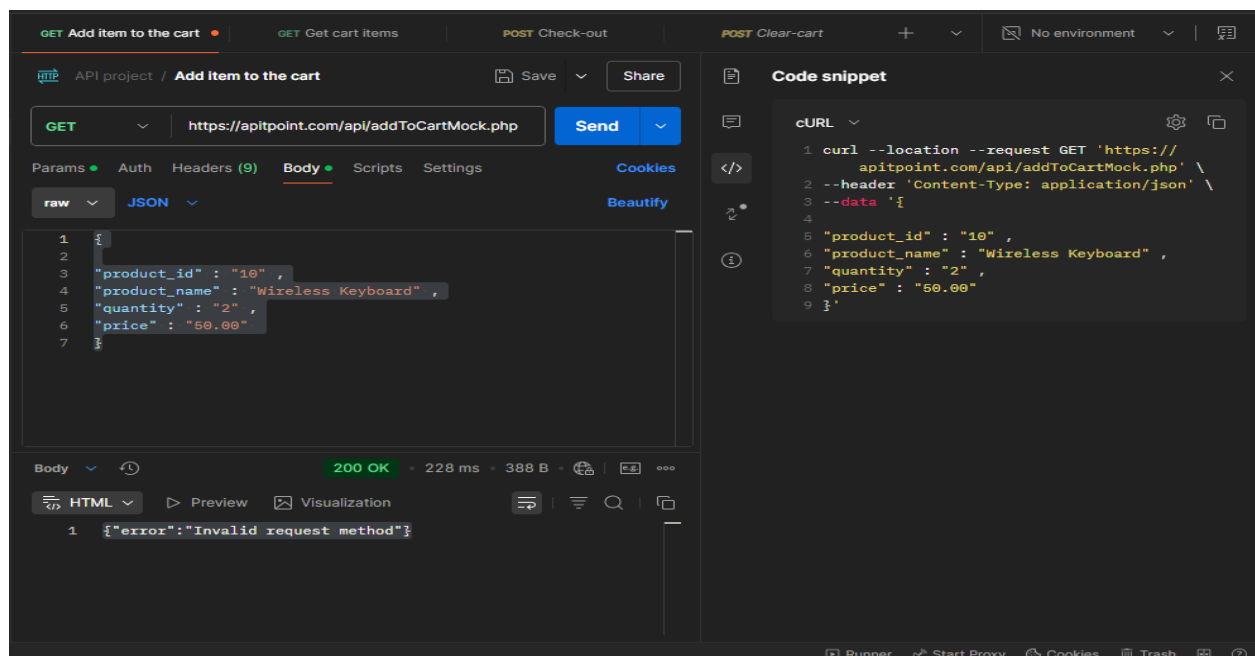
Expected Result:

- Status Code: 401
- Response Body: Error Message

Actual Result:

- Status Code: 200
- Response Body: {"error":"Invalid request method"}

Screenshots



Severity: High

Priority: High

(3) Bug Title: POST /addToCartMock.php returns 200 status code

Description: POST /addToCartMock.php returns 200 success

Instead of 401 status code when no parameter is written in the body request

Environment:

- API Endpoint: <https://apitpoint.com/api/addToCartMock.php>
- HTTP Method: POST
- Test Tool: Postman
- OS: Windows 10

Steps to Reproduce:

- 1-Send a POST request to / addToCartMock.php
- 2-Set the body to: empty
- 3-Observe the response.

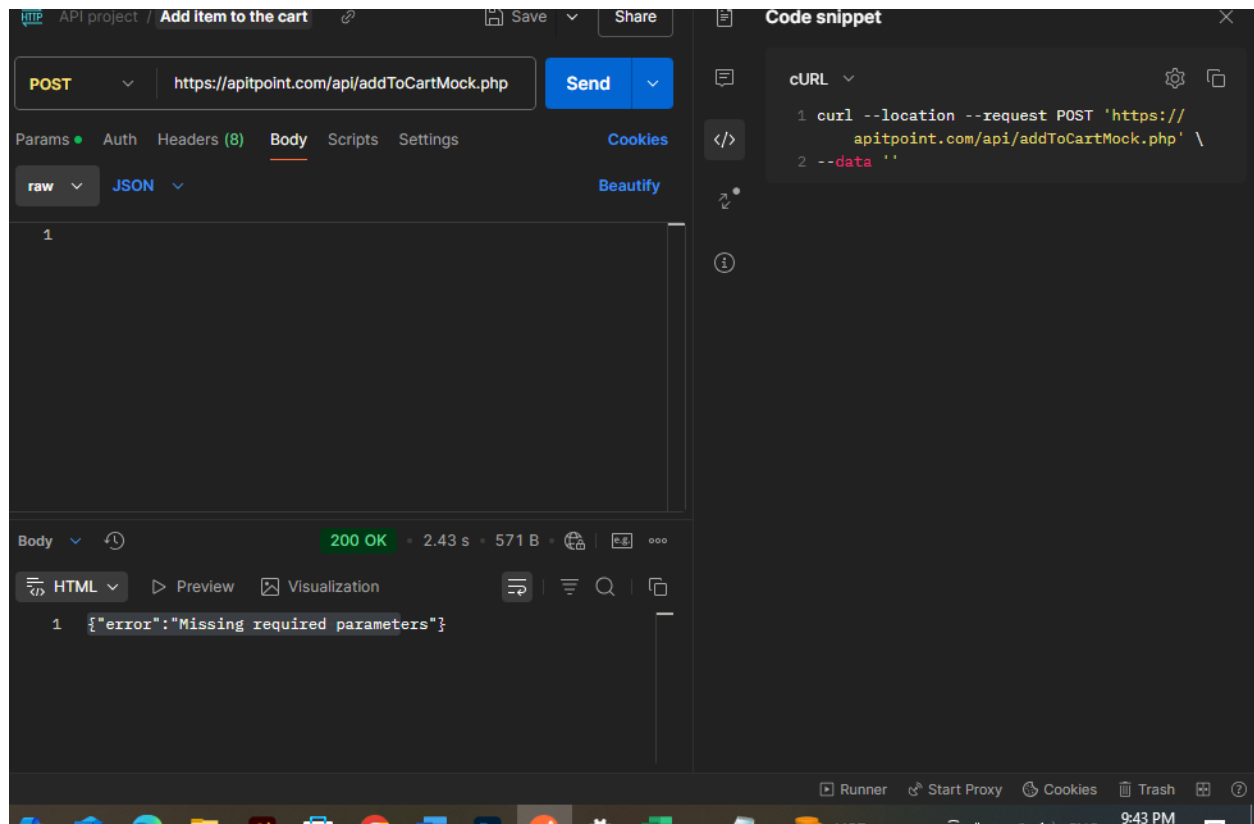
Expected Result:

- Status Code: 401
- Response Body: Error Message

Actual Result:

- Status Code: 200
- Response Body: {"error":"Missing required parameters"}

Screenshots



Severity: High

Priority: High

(4) Bug Title: POST /addToCartMock.php returns 200 status code with mistyped body request

Description: POST /addToCartMock.php returns 200 success Instead of 401 status code when changing the data types for the body request.

Environment:

- API Endpoint: <https://apitpoint.com/api/addToCartMock.php>
- HTTP Method: POST
- Test Tool: Postman
- OS: Windows 10

Steps to Reproduce:

1.Send a POST request to / addToCartMock.php

2.Set the body to:

```
{  
  "product_id" : "55.5" ,  
  "product_name" : "Wireless Keyboard" ,  
  "quantity" : "2" ,  
  "price" : "50.00"  
}
```

3.Observe the response.

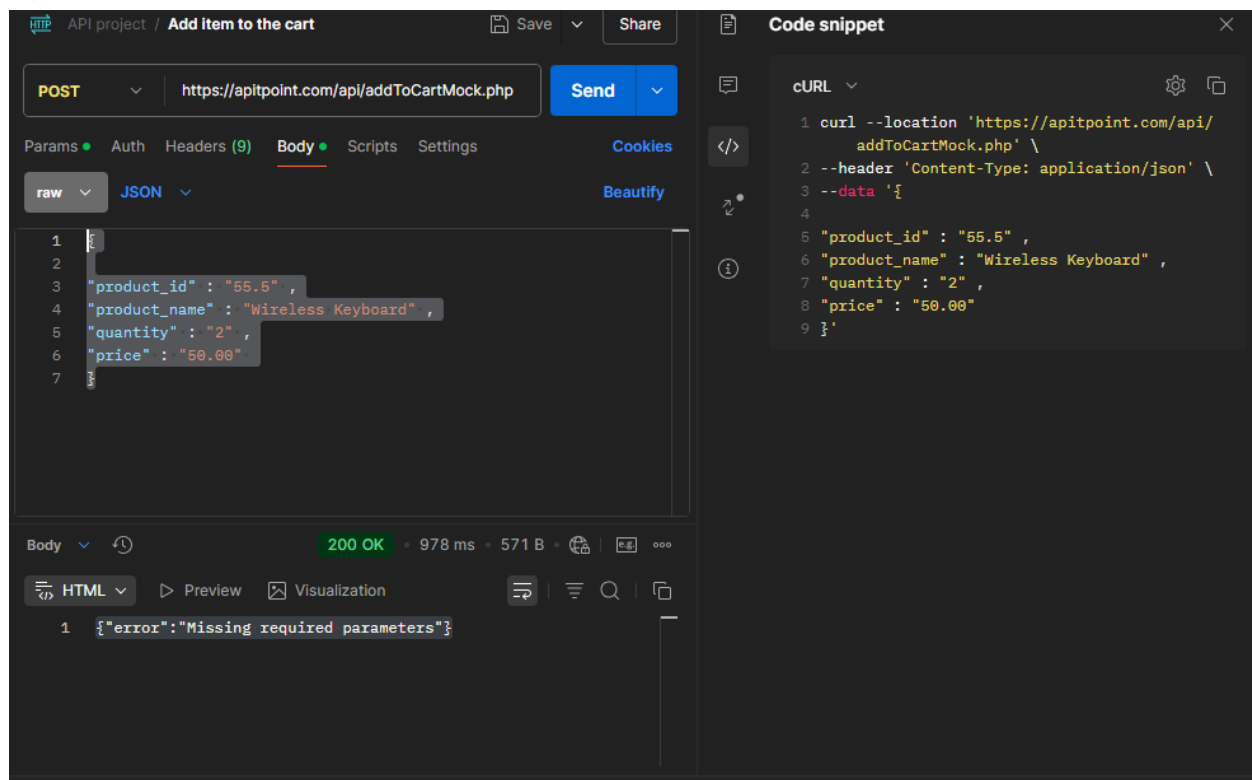
Expected Result:

- Status Code: 401
- Response Body: Error Message saying that there's mistyped parameter in the body request

Actual Result:

- Status Code: 200
- Response Body: {"error":"Missing required parameters"}

Screenshots



Severity: Medium

Priority: Medium

(5) Bug Title: POST /addToCartMock.php returns 200 status code with mistyped body request

Description: POST /addToCartMock.php returns 200 success Instead of 401 status code when changing the data types for the body request.

Environment:

- API Endpoint: <https://apitpoint.com/api/addToCartMock.php>
- HTTP Method: POST
- Test Tool: Postman
- OS: Windows 10

Steps to Reproduce:

1.Send a POST request to / addToCartMock.php

2.Set the body to:

```
{  
  "product_id" : "10",  
  "product_name" : "10",  
  "quantity" : "2",  
  "price" : "50.00"  
}
```

3.Observe the response.

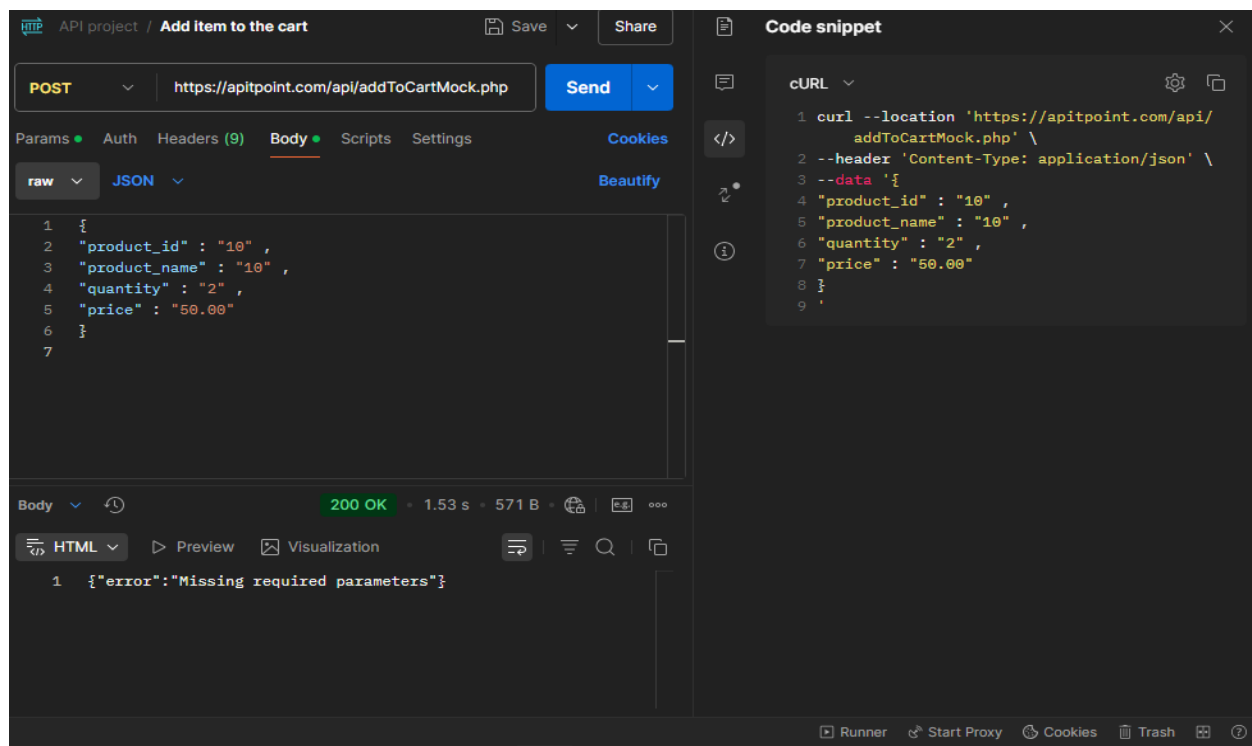
Expected Result:

- Status Code: 401
- Response Body: Error Message saying that there's mistyped parameter in the body request

Actual Result:

- Status Code: 200
- Response Body: {"error":"Missing required parameters"}

Screenshots



Severity: Medium

Priority: Medium

(6) Bug Title: POST /addToCartMock.php returns 200 status code with mistyped body request

Description: POST /addToCartMock.php returns 200 success Instead of 401 status code when changing the data types for the body request.

Environment:

- API Endpoint: <https://apitpoint.com/api/addToCartMock.php>
- HTTP Method: POST
- Test Tool: Postman
- OS: Windows 10

Steps to Reproduce:

1.Send a POST request to / addToCartMock.php

2.Set the body to:

```
{  
  "product_id" : "10",  
  "product_name" : "Phone",  
  "quantity" : "hello",  
  "price" : "50.00"  
}
```

3.Observe the response.

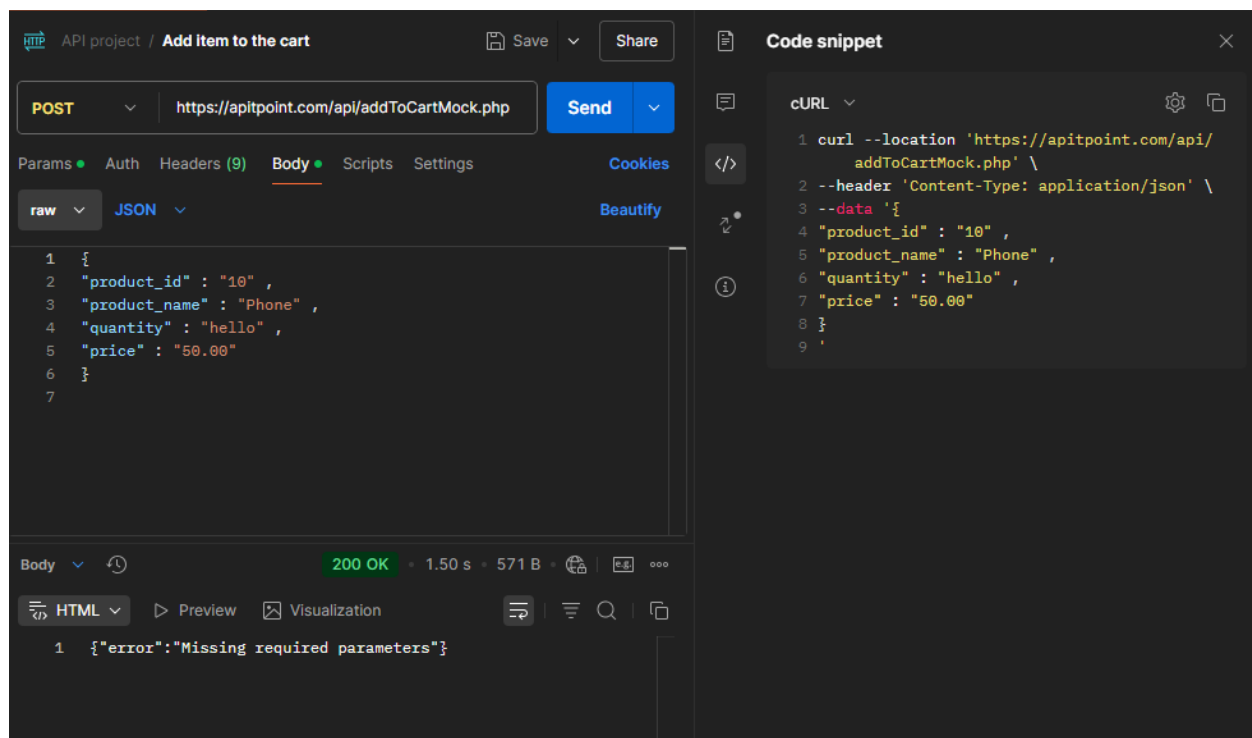
Expected Result:

- Status Code: 401
- Response Body: Error Message saying that there's mistyped parameter in the body request

• Actual Result:

- Status Code: 200
- Response Body: {"error":"Missing required parameters"}

Screenshots



Severity: Medium

Priority: Medium

(7) Bug Title: POST /addToCartMock.php returns 200 status code with mistyped body request

Description: POST /addToCartMock.php returns 200 success Instead of 401 status code when changing the data types for the body request.

Environment:

- API Endpoint: <https://apitpoint.com/api/addToCartMock.php>
- HTTP Method: POST
- Test Tool: Postman
- OS: Windows 10

Steps to Reproduce:

1.Send a POST request to / addToCartMock.php

2.Set the body to:

```
{  
  "product_id" : "10",  
  "product_name" : "Phone",  
  "quantity" : "2",  
  "price" : "10"  
}
```

3.Observe the response.

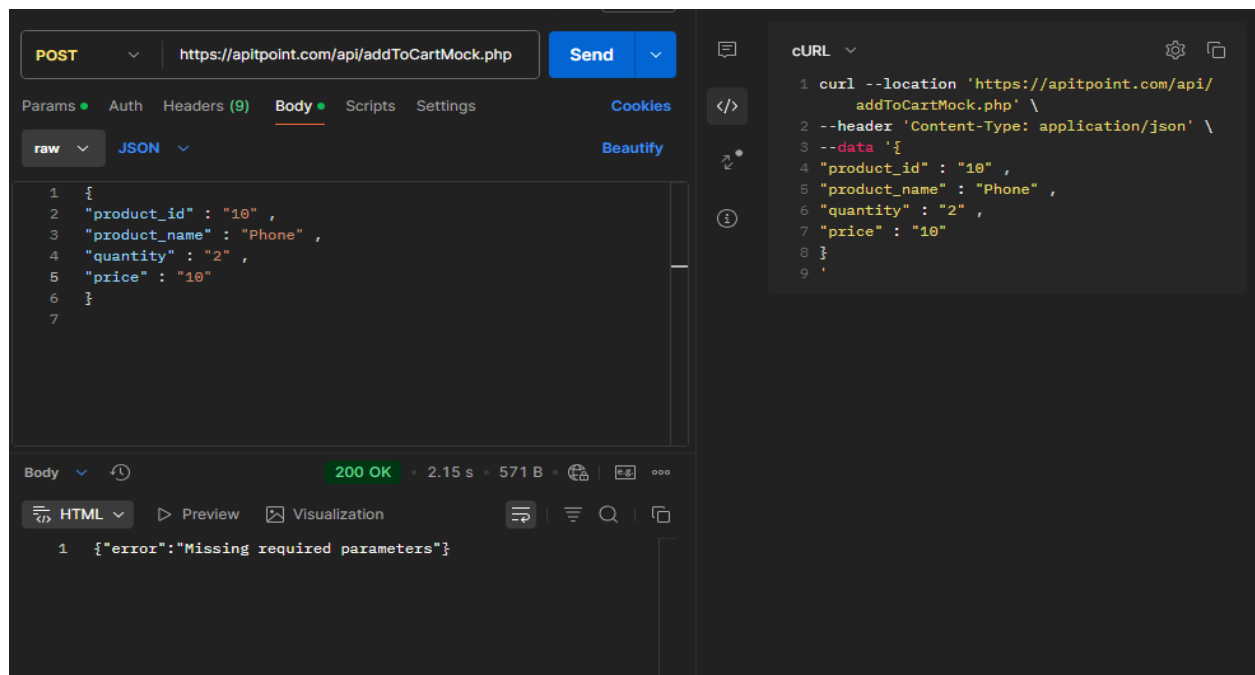
Expected Result:

- Status Code: 401
- Response Body: Error Message saying that there's mistyped parameter in the body request

Actual Result:

- Status Code: 200
- Response Body: {"error":"Missing required parameters"}

Screenshots



Severity: High

Priority: High

(8) Bug Title: POST /addToCartMock.php returns big response time

Description: POST /addToCartMock.php returns response time more than 200 ms.

Environment:

- API Endpoint: <https://apitpoint.com/api/addToCartMock.php>
- HTTP Method: POST
- Test Tool: Postman
- OS: Windows 10

Steps to Reproduce:

1.Send a POST request to / addToCartMock.php

2.Set the body to:

```
{  
  "product_id" : "10" ,  
  "product_name" : "Phone" ,  
  "quantity" : "2" ,  
  "price" : "10.00"  
}
```

3.Observe the response.

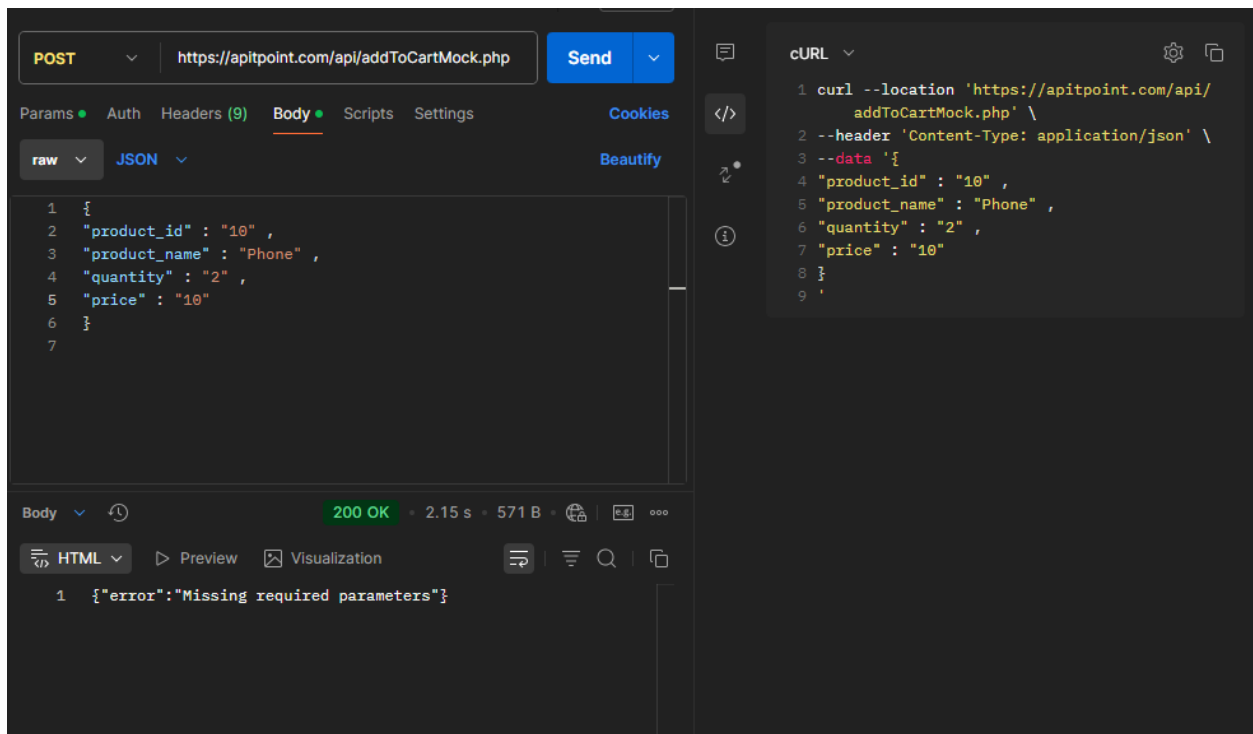
Expected Result:

- Status Code: 200
- Response Time: less than 200 ms.

Actual Result:

- Status Code: 200
- Response Time: 2.15 s

Screenshots



Severity: Medium

Priority: High

(9) Bug Title: POST /getCartItemsMock.php returns 200 status code

Description: POST / getCartItemsMock.php returns 200 success with request body instead of an error message, and 401 status code

Environment:

- API Endpoint: <https://apitpoint.com/api/getCartItemsMock.php>
- HTTP Method: POST
- Test Tool: Postman
- OS: Windows 10

Steps to Reproduce:

- 1-Send a POST request to /getCartItemsMock.php
- 2-Observe the response.

Expected Result:

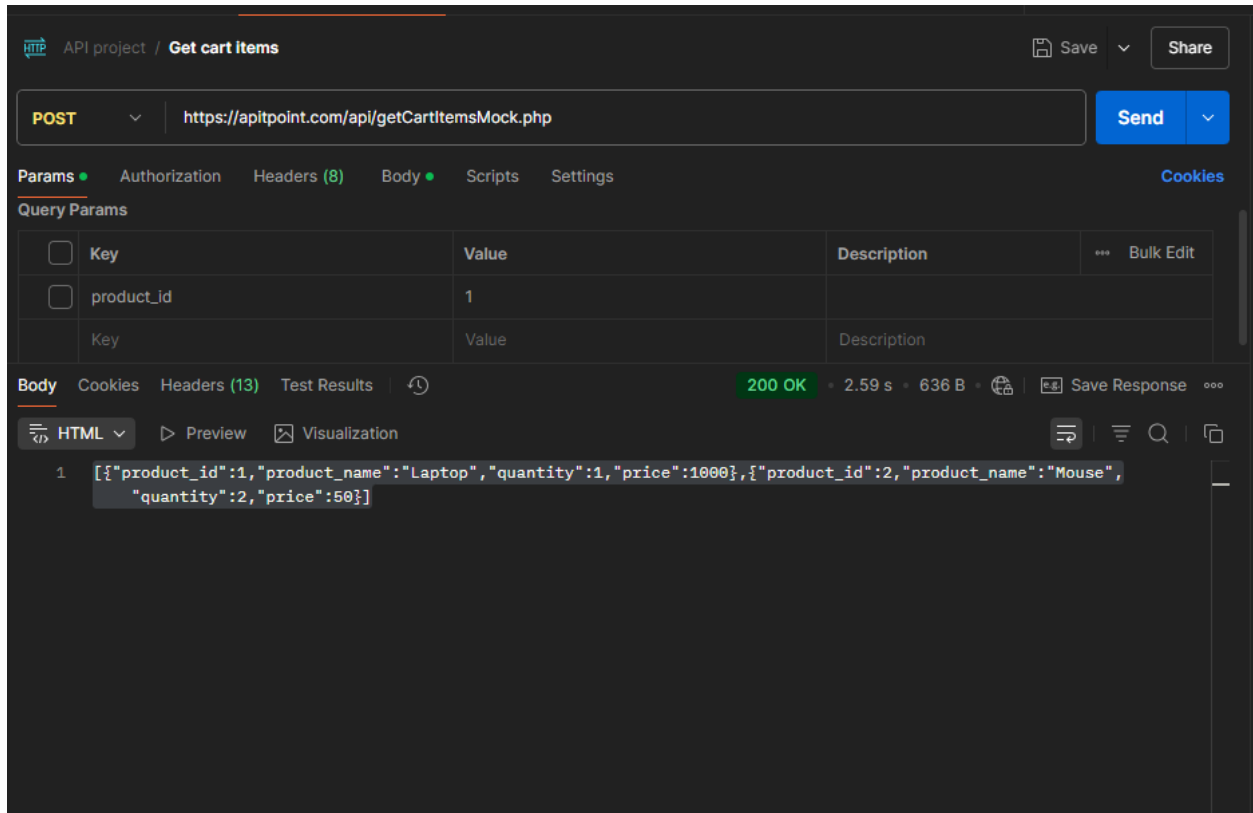
- Status Code: 401
- Response Body: Error Message

Actual Result:

- Status Code: 200
- Response Body:

```
[{"product_id":1,"product_name":"Laptop","quantity":1,"price":1000},{"product_id":2,"product_name":"Mouse","quantity":2,"price":50}]
```

Screenshots



Severity: Medium

Priority: Medium

(10) Bug Title: GET /getCartItemsMock.php response time is above normal.

Description: GET / getCartItemsMock.php returns response time more than 200 ms

Environment:

- API Endpoint: <https://apitpoint.com/api/getCartItemsMock.php>
- HTTP Method: GET
- Test Tool: Postman
- OS: Windows 10

Steps to Reproduce:

- 1-Send a GET request to /getCartItemsMock.php
- 2-Observe the response.

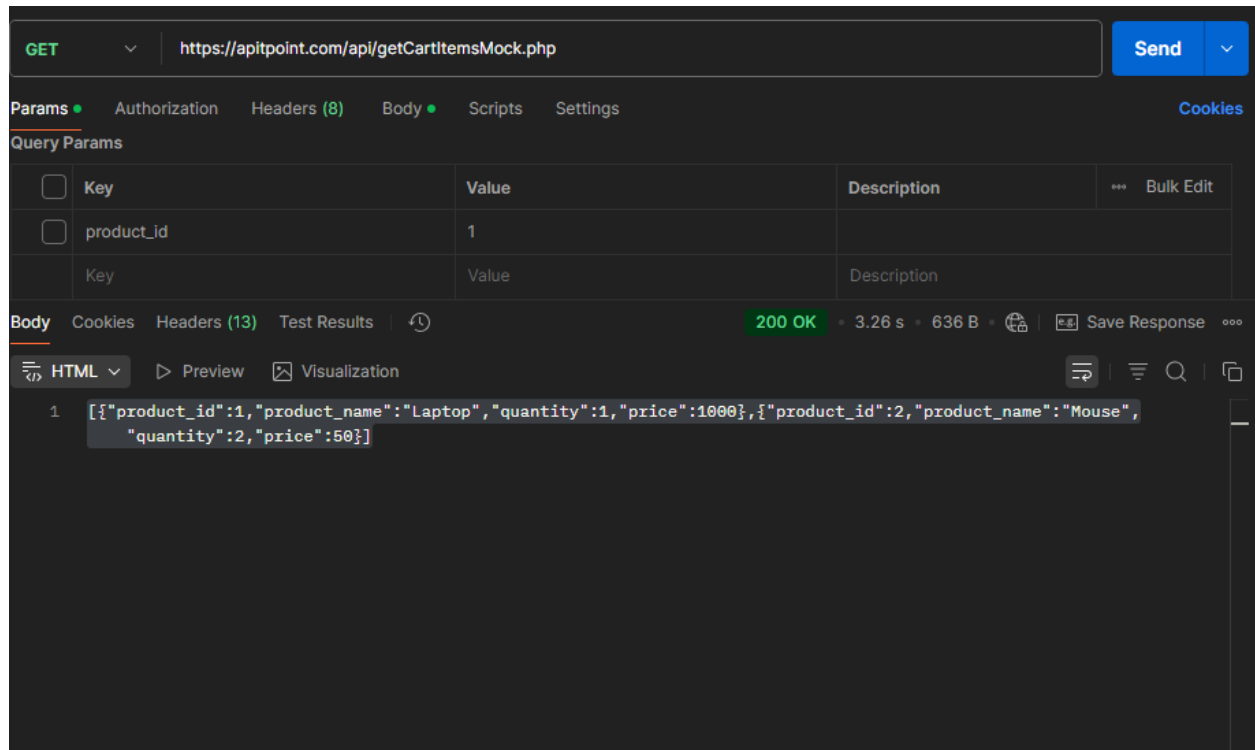
Expected Result:

- Status Code: 200
- Response Time: less than 200 ms.

Actual Result:

- Status Code: 200
- Response Time: 3.31 s

Screenshots



Severity: Medium

Priority: Medium

(11) Bug Title: GET/getCartItemsMock.php?product_id=1
returns all products

Description: GET/getCartItemsMock.php?product_id=1 returns
all products instead of the specified item.

Environment:

- API Endpoint:
`https://apitpoint.com/api/getCartItemsMock.php?product_id=1`
- HTTP Method: GET
- Test Tool: Postman
- OS: Windows 10

Steps to Reproduce:

- 1-Send a GET request to /getCartItemsMock.php?product_id=1
- 2-Observe the response.

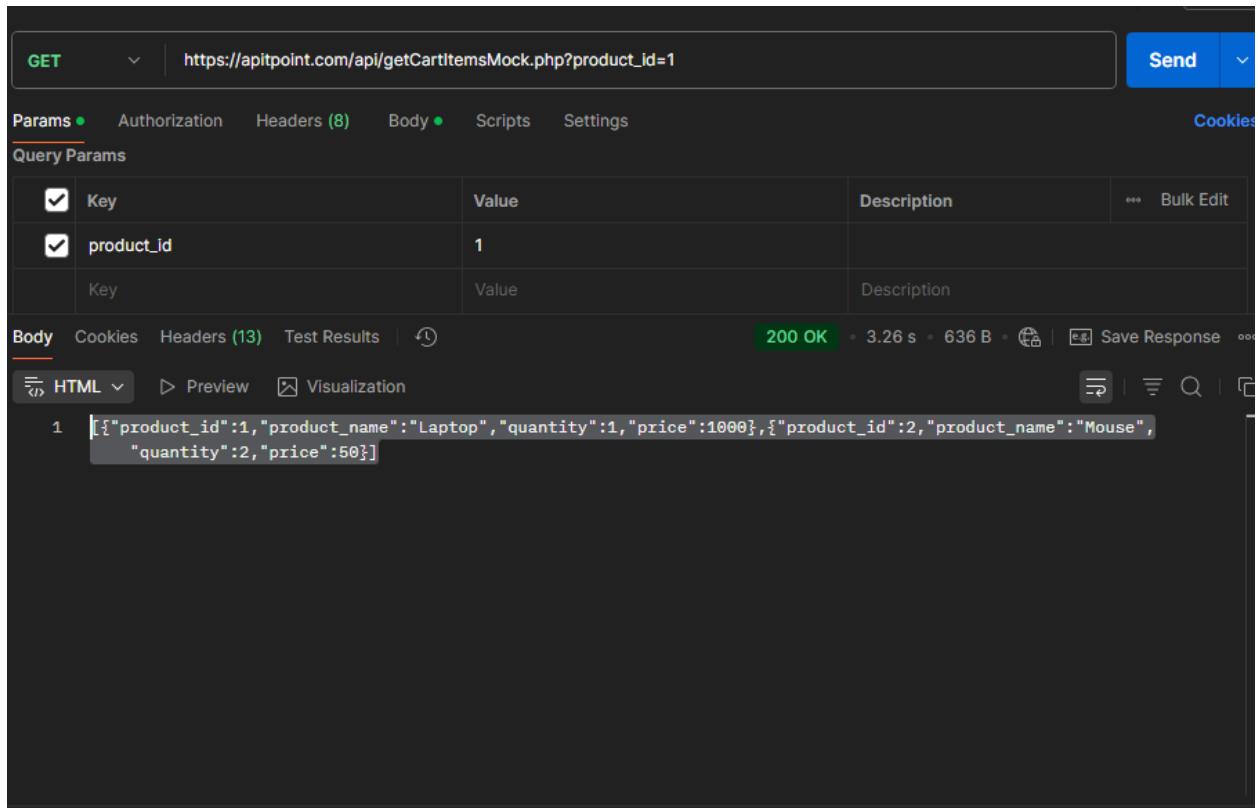
Expected Result:

- Status Code: 200
- Response Body: details of product with id =1;

Actual Result:

- Status Code: 200
- Response Body: details of all products

Screenshots



Severity: High

Priority: Medium

(12) Bug Title: GET/getCartItemsMock.php with request body returns 200.

Description: GET/getCartItemsMock.php with request body for a new product returns 200 status code and the list of all items instead of a 401-status code and error message.

Environment:

- API Endpoint: <https://apitpoint.com/api/getCartItemsMock.php>
- HTTP Method: GET
- Test Tool: Postman
- OS: Windows 10

Steps to Reproduce:

1-Send a GET request to /getCartItemsMock.php

2- Send body request:

```
{  
  "product_id":"4",  
  "product_name":"Phone",  
  "quantity":"2",  
  "price":"3000"  
}
```

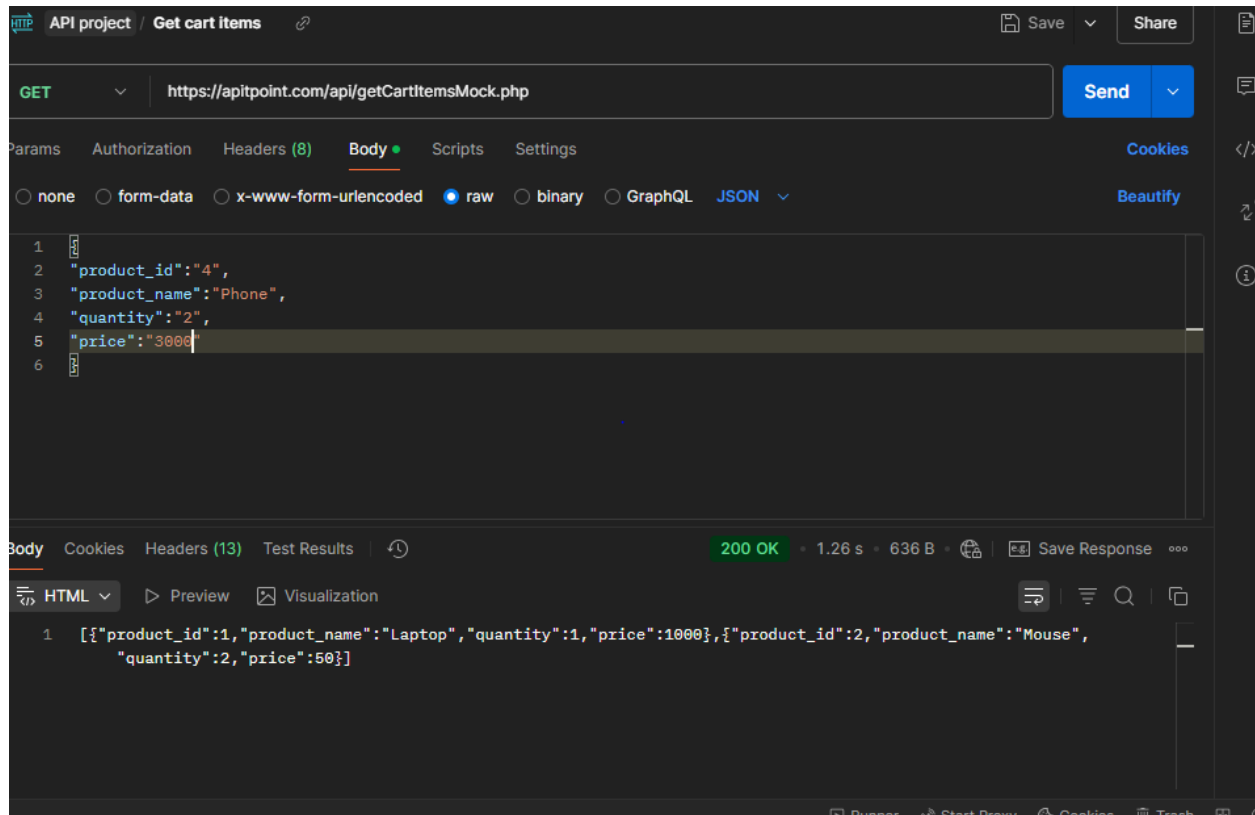
3-Observe the response.

Expected Result:

- Status Code: 401
- Response Body: Error mesaage

- **Actual Result:**
- Status Code: 200
- Response Body: details of all products

Screenshots



Severity: Medium

Priority: Medium

(13) Bug Title: POST /checkoutMock.php returns response time above average.

Description: POST /checkoutMock.php returns response time 1.50 s

Environment:

- API Endpoint: <https://apitpoint.com/api/checkoutMock.php>
- HTTP Method: POST
- Test Tool: Postman
- OS: Windows 10

Steps to Reproduce:

1-Send a POST request to /checkoutMock.php

2- Send body request:

Form-data key: cart_id and value:12345

3-Observe the response.

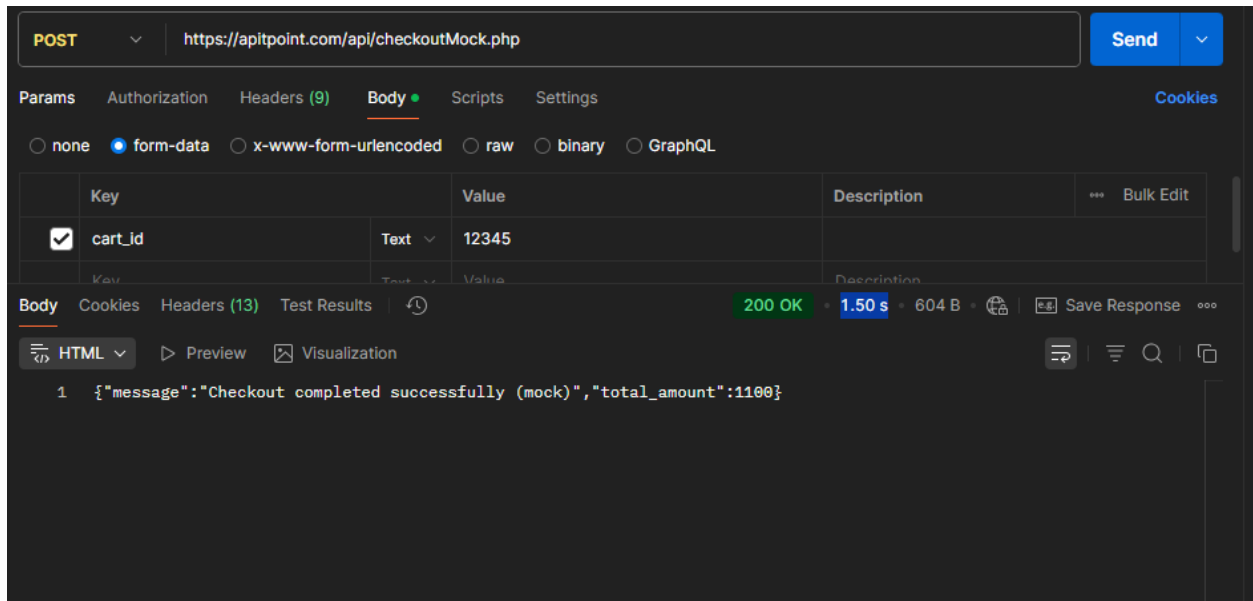
Expected Result:

- Status Code: 200
- Response Time: less than 200 ms.

• **Actual Result:**

- Status Code: 200
- Response Time: 1.50 s

Screenshots



Severity: Medium

Priority: Medium

(14) Bug Title: GET /checkoutMock.php returns 200 status code.

Description: GET /checkoutMock.php returns status code 200 instead of 401 with response body showing successful completion of check-out instead of an error message

Environment:

- API Endpoint: <https://apitpoint.com/api/checkoutMock.php>
- HTTP Method: GET
- Test Tool: Postman
- OS: Windows 10

Steps to Reproduce:

1-Send a GET request to /checkoutMock.php

2- Send body request:

Form-data key: cart_id and value:12345

3-Observe the response.

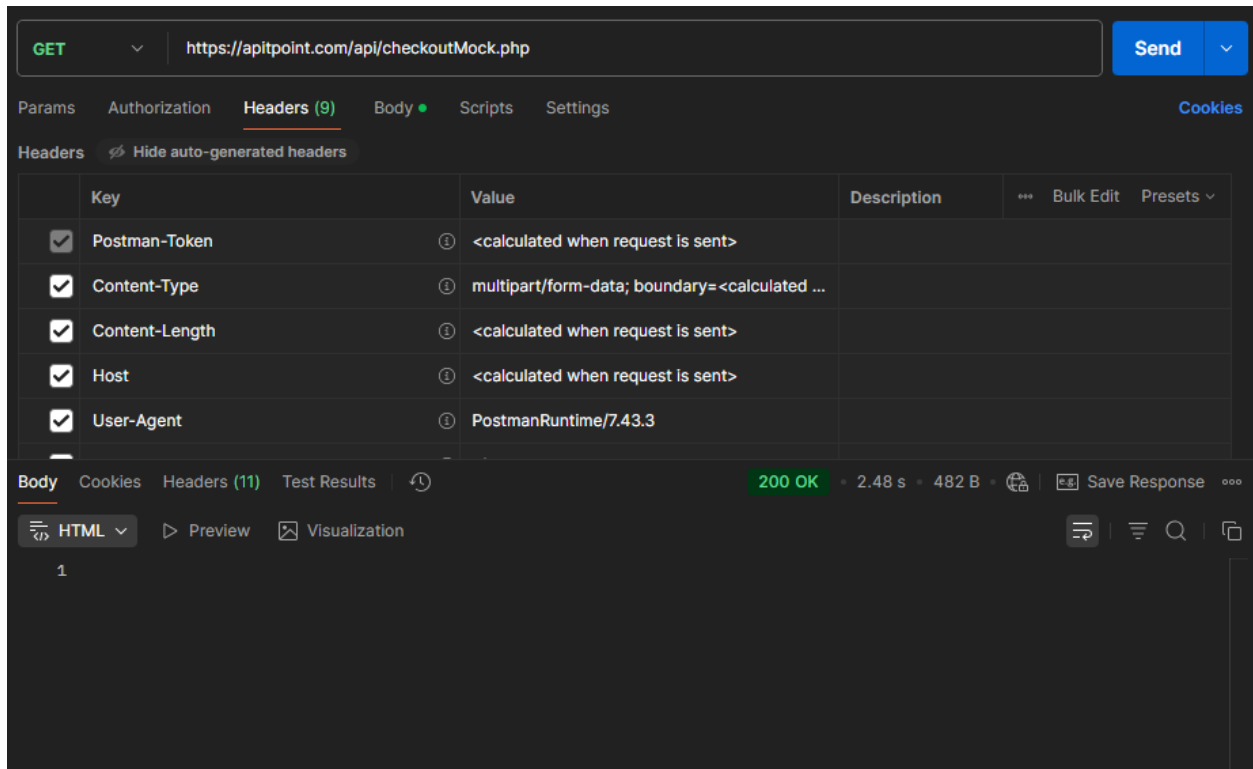
Expected Result:

- Status Code: 401
- Response Body: an error message.

• **Actual Result:**

- Status Code: 200
- Response Body: empty response body.

Screenshots



Severity: Medium

Priority: Medium

(15) Bug Title: POST /checkoutMock.php returns 200 status code.

Description: POST /checkoutMock.php returns status code 200 instead of 401 when sending the request without the required header

Environment:

- API Endpoint: <https://apitpoint.com/api/checkoutMock.php>
- HTTP Method: POST
- Test Tool: Postman
- OS: Windows 10

Steps to Reproduce:

1-Send a POST request to /checkoutMock.php

2- Send body request:

Form-data key: cart_id and value:12345

3- Unsend the content-type header

4-Observe the response.

Expected Result:

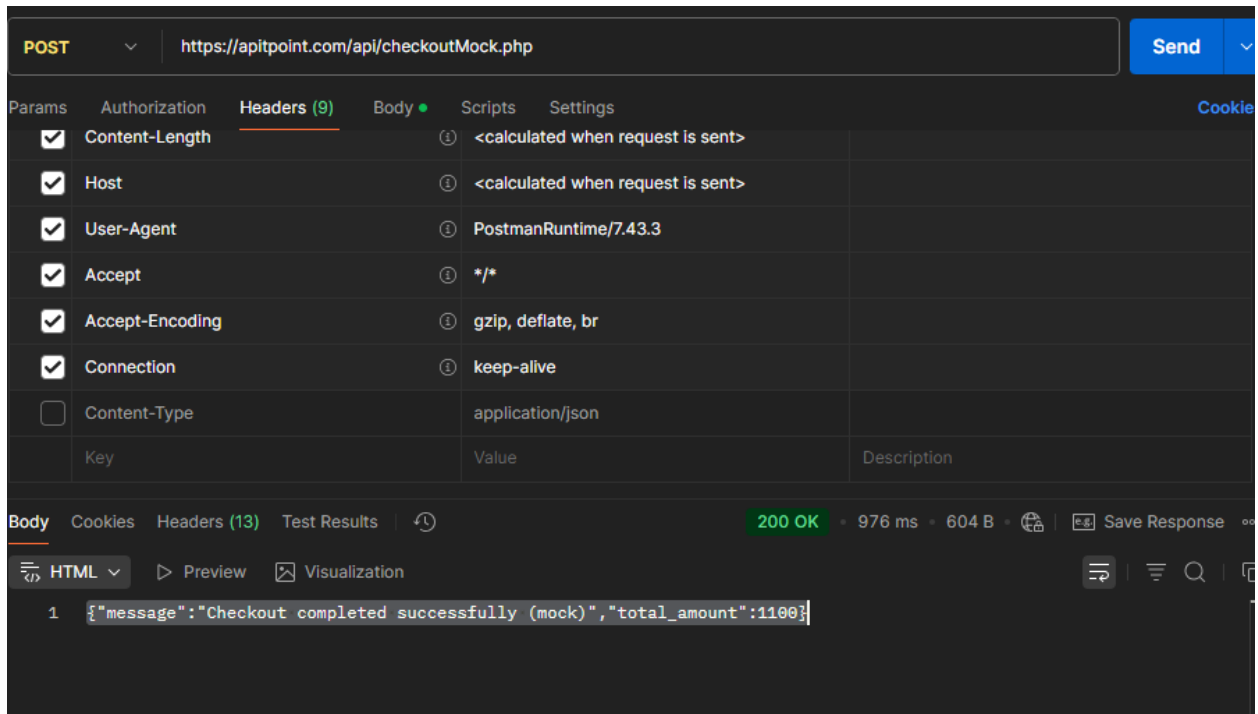
- Status Code: 401
- Response body: an error message asking for the required header.

• **Actual Result:**

- Status Code: 200

- Response body: "message":"Checkout completed successfully (mock)","total_amount":1100}

Screenshots



Severity: low

Priority: low

(16) Bug Title: POST /clearCartMock.php returns response time above average.

Description: POST /clearCartMock.php returns response time 2.73 s.

Environment:

- API Endpoint: <https://apitpoint.com/api/clearCartMock.php>
- HTTP Method: POST
- Test Tool: Postman
- OS: Windows 10

Steps to Reproduce:

- 1-Send a POST request to /clearCartMock.php
- 2-Observe the response.

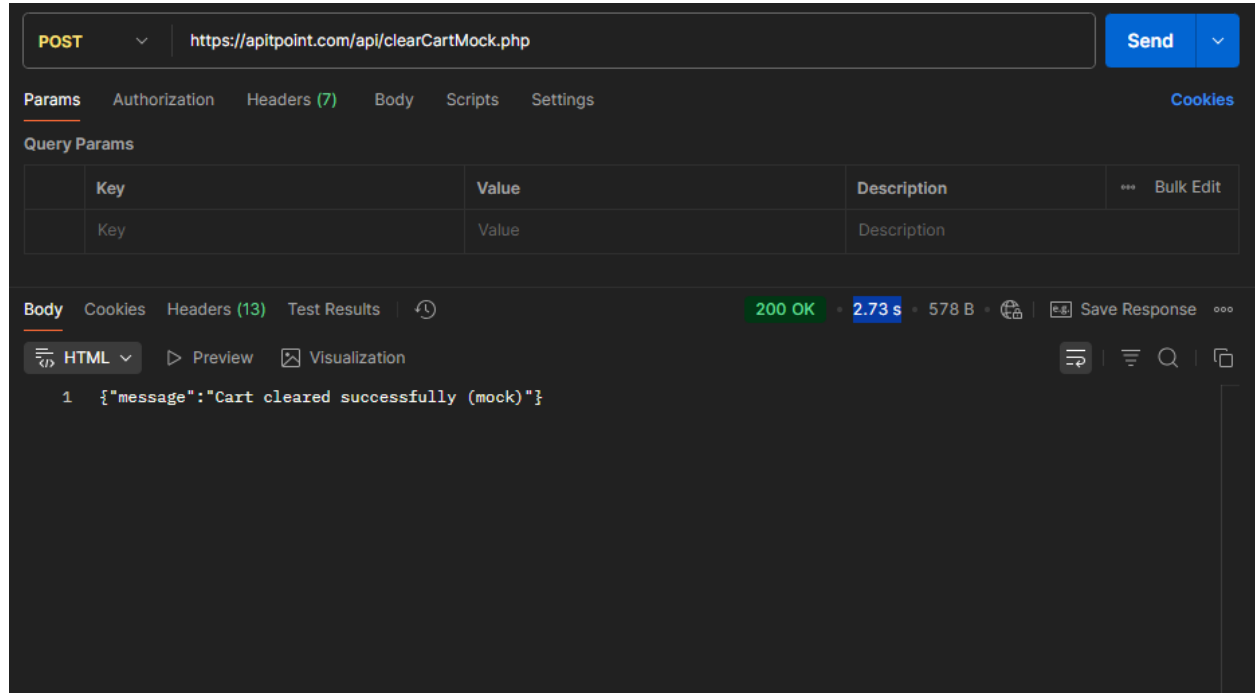
Expected Result:

- Status Code: 200
- Response Time: less than 200 ms.

• **Actual Result:**

- Status Code: 200
- Response Time: 2.73 s

Screenshots



Severity: Medium

Priority: Medium

(17) Bug Title: GET /clearCartMock.php returns 200.

Description: GET /clearCartMock.php returns 200 status code, and response body instead of 401, and error message.

Environment:

- API Endpoint: <https://apitpoint.com/api/clearCartMock.php>
- HTTP Method: GET
- Test Tool: Postman
- OS: Windows 10

Steps to Reproduce:

- 1-Send a GET request to /clearCartMock.php
- 2-Observe the response.

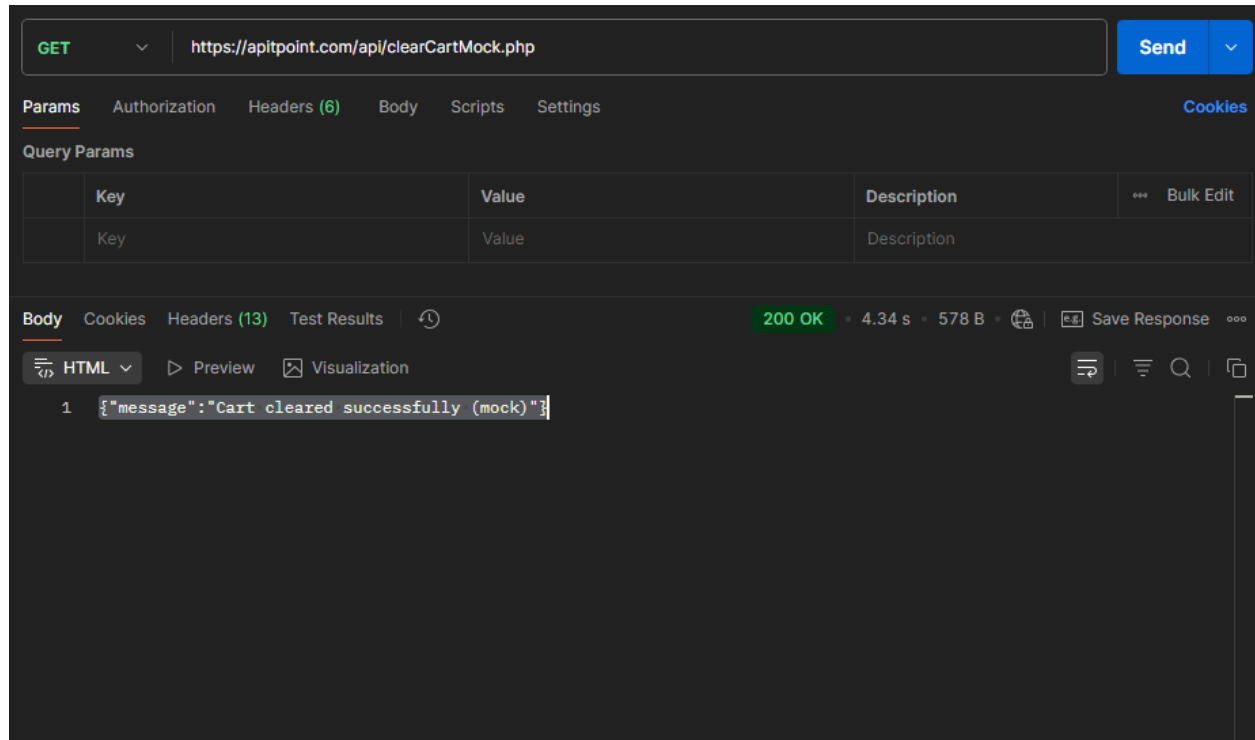
Expected Result:

- Status Code: 401
- Response Body: Error Message

• **Actual Result:**

- Status Code: 200
- Response Body: {"message":"Cart cleared successfully (mock)"}

Screenshots



Severity: Medium

Priority: Medium