

API BUG_CHALLENGE

1. GET method: in the response payload values for the “salary” and “gross” fields are stored in the wrong format.

Steps to reproduce:

1. Send GET request with the API parameters:
Uri: https://wmxrwwq14uc.execute-api.us-east-1.amazonaws.com/Prod/api/employees
Headers: Accept: application/json
Authorization: Basic {"string"}
2. Verify the response payload's “salary” and “gross” fields values.

Expected Result: “salary”: 52000
“gross”: 2000

```
{
  "partitionKey": "TestUser1",
  "sortKey": "15ab4884-e96c-4b4f-842c-6dd389033766",
  "username": "TestUser1",
  "id": "15ab4884-e96c-4b4f-842c-6dd389033766",
  "firstName": "Steve",
  "lastName": "Rogers",
  "dependants": 1,
  "expiration": "2020-02-23T17:41:07+00:00",
  "salary": 52000,
  "gross": 2000,
  "benefitsCost": 57.69231,
  "net": 1942.30774
},
```

Actual Result: “salary”: 52000.0
“gross”: 2000.0

```
{
  "partitionKey": "TestUser219",
  "sortKey": "038b3c59-668e-4b6e-9026-a76d15597ceb",
  "username": "TestUser219",
  "id": "038b3c59-668e-4b6e-9026-a76d15597ceb",
  "firstName": "asd123fghAAA",
  "lastName": "3adsd123456-A",
  "dependants": 1,
  "expiration": "2022-06-13T00:33:37+00:00",
  "salary": 52000.0,
  "gross": 2000.0,
  "benefitsCost": 57.69231,
  "net": 1942.30774
},
```

2. GET method: for non-existing employee the status of response payload is 200 'Ok' which is wrong. It should return 404 'Not Found'.

Steps to reproduce:

1. Send POST request with the API parameters:
Uri: `https://wmxrwwq14uc.execute-api.us-east-1.amazonaws.com/Prod/api/employees/nonexisting_id`
Headers: Accept: application/json
Authorization: Basic {"string"}
2. Verify response payload status code is 404.

Expected Result: 404 'Not Found'

Actual Result: 200 'Ok'

The screenshot shows a Postman interface for a GET request. The URL is `https://wmxrwwq14uc.execute-api.us-east-1.amazonaws.com/Prod/api/employees/fcd8c78a-b64b-4531-b1ef-4306bbb4a658`. The 'Headers' tab is selected, showing four headers: Postman-Token, Host, User-Agent, and Accept. The response status is 200 OK, with a time of 265 ms and a size of 455 B. The response body is not visible.

KEY	VALUE	DESCRIPTION
Postman-Token	<calculated when request is sent>	
Host	<calculated when request is sent>	
User-Agent	PostmanRuntime/7.29.0	
Accept	*/*	

Status: 200 OK Time: 265 ms Size: 455 B Save Response

3. PUT method: modifications in the *request* payload “benefitsCost:” and “net:” fields are not updated in the *response* payload.

Steps to reproduce:

1. Send PUT request with the API parameters:

Uri: https://wmxrwq14uc.execute-api.us-east-1.amazonaws.com/Prod/api/employees

Body: {
 "id": "fcd8c78a-b64b-4531-b1ef-4306bbb4a658",
 "firstName": "Joe",
 "lastName": "Snively",
 "dependants": 5,
 "benefitsCost": 200
}

Headers: Content-Type: application/json
Authorization: Basic {"string"}

2. Verify the response payload’s “benefits cost:” and “net:” fields values.

Expected Result:

After subtracting “benefitsCost: 150” from “gross: 2000” in the response payload the value of “net:” field should be 1850. Example: (2000 - 150 = 1850)

Actual Result:

The screenshot shows a REST client interface with a PUT request to the URL `https://wmxrwq14uc.execute-api.us-east-1.amazonaws.com/Prod/api/employees`. The request body is a JSON object with the following fields: `"id": "fcd8c78a-b64b-4531-b1ef-4306bbb4a658", "firstName": "Joe", "lastName": "Snively", "dependants": 5, "benefitsCost": 150`. The response is a JSON object with the following fields: `"partitionKey": "TestUser219", "sortKey": "fcd8c78a-b64b-4531-b1ef-4306bbb4a658", "username": "TestUser219", "id": "fcd8c78a-b64b-4531-b1ef-4306bbb4a658", "firstName": "Joe", "lastName": "Snively", "dependants": 5, "salary": 52000.0, "gross": 2000.0, "benefitsCost": 134.615387, "net": 1865.38464`. The response status is 200 OK, and the size is 781 B.

```
PUT https://wmxrwq14uc.execute-api.us-east-1.amazonaws.com/Prod/api/employees

{
  "id": "fcd8c78a-b64b-4531-b1ef-4306bbb4a658",
  "firstName": "Joe",
  "lastName": "Snively",
  "dependants": 5,
  "benefitsCost": 150
}

{
  "partitionKey": "TestUser219",
  "sortKey": "fcd8c78a-b64b-4531-b1ef-4306bbb4a658",
  "username": "TestUser219",
  "id": "fcd8c78a-b64b-4531-b1ef-4306bbb4a658",
  "firstName": "Joe",
  "lastName": "Snively",
  "dependants": 5,
  "salary": 52000.0,
  "gross": 2000.0,
  "benefitsCost": 134.615387,
  "net": 1865.38464
}
```

4. DELETE method: when you delete non-existing employee the status of response payload is 200 'Ok' which is wrong. It should return 404 'Not Found'.

Steps to reproduce:

1. Send DELETE request with the API parameters:
Uri: `https://wmxrwwq14uc.execute-api.us-east-1.amazonaws.com/Prod/api/employees/nonexisting_id`
Headers: Authorization: Basic {"string"}
3. Verify response payload status code is 404.

Expected Result: 404 'Not Found'

Actual Result: 200 'Ok'

The screenshot shows a REST client interface with a DELETE request to `https://wmxrwwq14uc.execute-api.us-east-1.amazonaws.com/Prod/api/employees/fcd8c78a-b64b-4531-b1ef-4306bbb4a658`. The request headers include `Accept: */*`, `Accept-Encoding: gzip, deflate, br`, `Connection: keep-alive`, and `Authorization: Basic VGVzdFVzZXIyMTk6cS8oMUYnWUJRMHIM`. The response status is `200 OK` with a time of 136 ms and a size of 455 B. The response body is displayed in the 'Body' tab, showing a single line of text.

Key	Value	Description
Accept	*/*	
Accept-Encoding	gzip, deflate, br	
Connection	keep-alive	
Authorization	Basic VGVzdFVzZXIyMTk6cS8oMUYnWUJRMHIM	

Status: 200 OK Time: 136 ms Size: 455 B Save Response

Body Cookies Headers (10) Test Results

Pretty Raw Preview Visualize Text

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