

Newman Report

Collection
API Documentation
Description
APIs for this project
Time
Fri Aug 16 2024 23:22:35 GMT+0530 (India Standard Time)
Exported with
Newman v6.1.3

Total
Failed
Iterations
1
0
Requests
10
0
Prerequisite Scripts
10
0
Test Scripts
10
0
Assertions
55
1

Total run duration
257ms
Total data received
3.35KB (approx)
Average response time
10ms

Total Failures
1

Requests

login

Login user and generate JWT token

Method
POST
URL
http://127.0.0.1:5001/login (http://127.0.0.1:5001/login)

Mean time per request
33ms

Mean size per request
381B

Total passed tests
5
Total failed tests

0

Status code
200

Tests

Name	Pass count	Fail count
Status code is 200	1	0
Response should be JSON	1	0
Check for access_token in response	1	0
Check for message in response	1	0
Check for status in response	1	0

Login user and generate JWT token Copy Negative

Method
POST
URL
http://127.0.0.1:5001/login (http://127.0.0.1:5001/login)

Mean time per request
4ms

Mean size per request
75B

Total passed tests
3
Total failed tests
1

Status code
200

Tests

Name	Pass count	Fail count
Status code is 401 or 403	0	1
Response should be JSON	1	0
Check for error message in response	1	0
Check for status in response	1	0

courses

Retrieve all courses

Description

Get a list of all courses.

Method

GET

URL

http://127.0.0.1:5001/courses (http://127.0.0.1:5001/courses)

Mean time per request

8ms

Mean size per request

345B

Total passed tests

4

Total failed tests

0

Status code

200

Tests

Name	Pass count	Fail count
Status code is 200	1	0
Response should be JSON	1	0
Response should contain courses array	1	0
Each course should have course_id and course_name	1	0

course / {course_id} / {parameter}

Get course detail by parameter

Description

Retrieve specific course detail based on the parameter.

Method

GET

URL

http://127.0.0.1:5001/course/1/general_instruction (http://127.0.0.1:5001/course/1/general_instruction)

Mean time per request

9ms

Mean size per request

85B

Total passed tests

5

Total failed tests

0

Status code
200

Tests

Name	Pass count	Fail count
Response status code is 200	1	0
Response time is less than 300ms	1	0
General_instruction field exists in the response	1	0
General instruction is a non-empty string	1	0
Content-Type header is application/json	1	0

course / {course_id} / week / {week} / demo

Get weekly demo

Description

Retrieve demo for a specific course and week.

Method

GET

URL

http://127.0.0.1:5001/course/1/week/1/demo (http://127.0.0.1:5001/course/1/week/1/demo)

Mean time per request

6ms

Mean size per request

91B

Total passed tests

6

Total failed tests

0

Status code

200

Tests

Name	Pass count	Fail count
Response status code is 200	1	0
Response has the required fields - course_id, demo, and week	1	0
Demo is a non-empty string	1	0
Week is a non-negative integer	1	0
Demo is a valid URL	1	0
Course_id is an integer	1	0

Get weekly exam questions

Description

Retrieve exam questions for a specific course and week, including the grading status.

Method

GET

URL

http://127.0.0.1:5001/course/1/week/1/exam/1 (http://127.0.0.1:5001/course/1/week/1/exam/1)

Mean time per request

8ms

Mean size per request

1.3KB

Total passed tests

8

Total failed tests

0

Status code

200

Tests

Name	Pass count	Fail count
Response contains the correct course ID	1	0
Response contains the correct exam ID	1	0
Response contains the correct exam name	1	0
Each question in the response has options	1	0
Response status code is 200	1	0
Response content type is application/json	1	0
Week field exists and is of type number	1	0
Each question has a non-empty question_id, question_text, and options array	1	0

submit-answers

Submit user answers and calculate score

Description

Submit user answers for an exam, calculate the score, and save the results.

Method

POST

URL

http://127.0.0.1:5001/submit-answers (http://127.0.0.1:5001/submit-answers)

Mean time per request
11ms

Mean size per request
39B

Total passed tests
6
Total failed tests
0

Status code
200

Tests

Name	Pass count	Fail count
Response status code is 200	1	0
Response time is less than 200ms	1	0
Content-Type header is application/json	1	0
Response has the required fields - score and percentage	1	0
Score <= 100	1	0
Verify the presence of Content-Type header	1	0

usergrades

Get the latest exam results for each exam for the authenticated user

Description

Retrieve the latest exam results for each exam for the authenticated user.

Method

GET

URL

http://127.0.0.1:5001/usergrades (http://127.0.0.1:5001/usergrades)

Mean time per request
7ms

Mean size per request
150B

Total passed tests
7
Total failed tests
0

Status code

200

Tests

Name	Pass count	Fail count
Response time is less than 200ms	2	0
Response status code is 200	1	0
Content type is application/json	1	0
Grades array should exist in the response	1	0
Verify each 'exam_id' is a number and 'percentage' is a non-negative integer	1	0
Exam name and score fields are present and non-empty	1	0

submit-code

Submit user code for evaluation assignment

Description

Allows users to submit their code for a specific question and get the evaluation results.

Method

POST

URL

<http://127.0.0.1:5001/submit-code> (<http://127.0.0.1:5001/submit-code>)

Mean time per request

10ms

Mean size per request

485B

Total passed tests

5

Total failed tests

0

Status code

200

Tests

Name	Pass count	Fail count
Response status code is 200	1	0
Response time is within an acceptable range	1	0
Validate the structure of the response schema	1	0
Input object contains keys 'a' and 'b'	1	0
Is_correct is a boolean value	1	0

user-assignment-result

Retrieve all assignment results for the authenticated user

Description

Fetches all assignment results for the currently authenticated user.

Method

GET

URL

http://127.0.0.1:5001/user-assignment-result (http://127.0.0.1:5001/user-assignment-result)

Mean time per request

7ms

Mean size per request

442B

Total passed tests

5

Total failed tests

0

Status code

200

Tests

Name	Pass count	Fail count
Response status code is 200	1	0
Response time is less than 200ms	1	0
Content-Type header is application/json	1	0
Validate the schema of the response - exam_id, id, question_id, result_json, user_id	1	0
Verify that the response contains non-empty values for id, user_id, question_id, exam_id, and result_json	1	0

Failures

Error: Status code is 401 or 403

Description

Invalid Chai property: status.oneOf. See docs for proper usage of "status".

Location

assertion:0 in test-script

Request

Login user and generate JWT token Copy Negative