

User Authentication

URL – http://localhost:3000/user_token

Invalid user login details

The screenshot shows a REST client interface with a POST request to `http://localhost:3000/user_token`. The request body is a JSON object: `{ "auth": { "email": "admintest@gmail.com", "password": "admin123" } }`. The status bar at the bottom right indicates `Status: 404 Not Found`. The response body is empty.

Valid user login details

Json web token is created with 1 day validity. Rest of the requests will be authenticated with jwt token.

The screenshot shows a REST client interface with a POST request to `http://localhost:3000/user_token`. The request body is a JSON object: `{ "auth": { "email": "admin@gmail.com", "password": "admin123" } }`. The status bar at the bottom right indicates `Status: 201 Created`. The response body is a JSON object containing a JWT token: `{ "jwt": "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJ1eHAiOiJlbnZyMTIwMzEsInN1YiI6Im1wZW1haWwiOiJhZG1pbk8nbWlFbC5jb201fQ.MmcRNq95JeP093_0-AtNgv6sXl9aYe1_AV-KXoS8x8" }`.

Listing all the questions irrespective of category type.

GET <http://localhost:3000/questions> Params Send

Authorization Headers (1) Body Pre-request Script Tests

Key	Value
<input checked="" type="checkbox"/> Authorization	JWT eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJleHAiOiE1NzYyMTIwMzEsInN
New key	Value

Body Cookies Headers (6) Test Results Status: 200 OK

Pretty Raw Preview JSON

```
1 [
2   {
3     "id": 1,
4     "content": "who invented ruby language",
5     "options": "{a: 'Yukihiro Matsumoto', b: 'James Gosling', c: 'Dennis Ritchie', d: 'Anders Hejlsberg', e: 'skip' }"
6   },
7   {
8     "id": 2,
9     "content": "when was ruby language invented",
10    "options": "{a: 'mid-1970', b: 'mid-2000', c: 'mid-1980', d: 'mid-1990', e: 'skip'}"
11  },
12  {
13    "id": 3,
14    "content": "Ruby language was influenced by",
15    "options": "{a: 'C', b: 'Python', c: 'Perl', d: 'Java', e: 'skip'}"
16  },
17  {
18    "id": 4,
19    "content": "who invented java language",
20    "options": "{a: 'Yukihiro Matsumoto', b: 'James Gosling', c: 'Dennis Ritchie', d: 'Anders Hejlsberg', e: 'skip' }"
21  },
22 ]
```

API to show the list of random questions to the user

URL - http://localhost:3000/assessments/choose_question

When no question presents for selected type

GET [http://localhost:3000/assessments/choose_question?assessment\[type_id\]=1&assessment...](http://localhost:3000/assessments/choose_question?assessment[type_id]=1&assessment...) Params Send

Key	Value
<input checked="" type="checkbox"/> assessment[type_id]	1
<input checked="" type="checkbox"/> assessment[type]	chapter
New key	Value

Authorization Headers (1) Body Pre-request Script Tests

Key	Value
<input checked="" type="checkbox"/> Authorization	JWT eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJleHAiOiE1NzYyMTIwMzEsInN
New key	Value

Body Cookies Headers (6) Test Results Status: 200 OK

Pretty Raw Preview JSON

```
1 {
2   "type": "No data found for selected type"
3 }
```

With invalid input type

GET Params

Key	Value	...
<input checked="" type="checkbox"/> assessment[type_id]	100	
<input checked="" type="checkbox"/> assessment[type]	test	
New key	Value	

Authorization Headers (1) Body Pre-request Script Tests

Key	Value	...	Bulk Edit
<input checked="" type="checkbox"/> Authorization	JWT eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJleHAiOiJlE1NzYy		
New key	Value		

Body Cookies Headers (6) Test Results Status: 200 OK

Pretty Raw Preview JSON

```
1 {  
2   "type": "Invalid selected type or type id"  
3 }
```

With empty inputs

GET Params

Key	Value	...
<input checked="" type="checkbox"/> assessment[type_id]		
<input checked="" type="checkbox"/> assessment[type]		
New key	Value	

Authorization Headers (1) Body Pre-request Script Tests

Key	Value	...	Bulk Edit
<input checked="" type="checkbox"/> Authorization	JWT eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJleHAiOiJlE1NzYy		
New key	Value		

Body Cookies Headers (6) Test Results Status: 200 OK

Pretty Raw Preview JSON

```
1 {  
2   "input": "Invalid inputs"  
3 }
```

GET ▼ http://localhost:3000/assessments/choose_question?assessment[type_id]=3&assess... Params Send ▼

Key	Value	...
<input checked="" type="checkbox"/> assessment[type_id]	3	
<input checked="" type="checkbox"/> assessment[type]	chapter_test	
New key	Value	

Authorization Headers (1) Body Pre-request Script Tests

Key	Value	...	Bulk Edit
<input checked="" type="checkbox"/> Authorization	JWT eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJleHAiOiJlNzYy		
New key	Value		

Body Cookies Headers (6) Test Results Status: 200 OK

Pretty Raw Preview JSON ▼ ≡

```

1 {
2   "type": "Invalid selected type or type id"
3 }

```

With valid chapter type

GET ▼ http://localhost:3000/assessments/choose_question?assessment[type_id]=3&assess... Params Send ▼ Save ▼

Key	Value	...	Bulk Edit
<input checked="" type="checkbox"/> assessment[type_id]	3		
<input checked="" type="checkbox"/> assessment[type]	chapter		
New key	Value		

Authorization Headers (1) Body Pre-request Script Tests Code

Key	Value	...	Bulk Edit	Presets
<input checked="" type="checkbox"/> Authorization	JWT eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJleHAiOiJlNzYyMTIwMzEsIn...			
New key	Value			

Body Cookies Headers (6) Test Results Status: 200 OK Time: 24402 ms

Pretty Raw Preview JSON ▼ ≡ 📄 🔍

```

1 [
2   {
3     "id": 1,
4     "content": "who invented ruby language",
5     "options": "{a: 'Yukihiro Matsumoto', b: 'James Gosling', c: 'Dennis Ritchie', d: 'Anders Hejlsberg', e: 'skip' }"
6   },
7   {
8     "id": 3,
9     "content": "Ruby language was influenced by",
10    "options": "{a: 'C', b: 'Python', c: 'Perl', d: 'Java', e: 'skip'}"
11  }
12 ]

```

Exam has totally 5 questions, but where limited to two random questions.

The screenshot shows a REST client interface with a GET request to `http://localhost:3000/assessments/choose_question?assessment[type_id]=1&assess...`. The request has two parameters: `assessment[type_id]` with value `1` and `assessment[type]` with value `exam`. The Headers tab is active, showing an Authorization header with a JWT token. The Body tab is selected, displaying a JSON array of two question objects. The status is `200 OK` and the time taken is `13386 r`.

```
[{"id": 3, "content": "Ruby language was influenced by", "options": "{a: 'C', b: 'Python', c: 'Perl', d: 'Java', e: 'skip'}"}, {"id": 4, "content": "who invented java language", "options": "{a: 'Yukihiro Matsumoto', b: 'James Gosling', c: 'Dennis Ritchie', d: 'Anders Hejlsberg', e: 'skip' }"}]
```

To answer any particular question.

URL - <http://localhost:3000/assessments/answer>

With invalid option

The screenshot shows a REST client interface with a POST request to `http://localhost:3000/assessments/answer?assessme...`. The request has two parameters: `assessment[user_option]` with value `k` and `assessment[question_id]` with value `1`. The Headers tab is active, showing an Authorization header with a JWT token. The Body tab is selected, displaying a JSON object with `"user_option": []` and `"is not included in the list"`. The status is `422 Unprocessable Entity`.

```
{ "user_option": [], "is not included in the list" }
```

With Valid input

POST http://localhost:3000/assessments/answer?assessme... Params Send Save

Key	Value	...
<input checked="" type="checkbox"/> assessment[user_option]	a	
<input checked="" type="checkbox"/> assessment[question_id]	1	
New key	Value	

Authorization Headers (1) Body Pre-request Script Tests

Key	Value	...	Bulk Edit
<input checked="" type="checkbox"/> Authorization	JWT eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJleHAiOiE1NzYyMTk		
New key	Value		

Body Cookies Headers (6) Test Results Status: 201 Created Time:

Pretty Raw Preview JSON

```
1 {
2   "question_id": 1,
3   "user_option": "a",
4   "is_correct": "Y",
5   "is_skipped": "N"
6 }
```

When we try to re-attend the same question

POST http://localhost:3000/assessments/answer?assessment[user_option]=a&assessmen... Params Send

Key	Value	...
<input checked="" type="checkbox"/> assessment[user_option]	a	
<input checked="" type="checkbox"/> assessment[question_id]	1	
New key	Value	

Authorization Headers (1) Body Pre-request Script Tests

Type No Auth

Body Cookies Headers (5) Test Results Status: 422 Unprocessable Entity Time:

Pretty Raw Preview JSON

```
1 {
2   "question_id": [
3     "You have already answered for this question."
4   ]
5 }
```

For skipped question

POST <http://localhost:3000/assessments/answer?assessmentme...> Params Send Save

Key	Value
<input checked="" type="checkbox"/> assessment[user_option]	e
<input checked="" type="checkbox"/> assessment[question_id]	2
New key	Value

Authorization Headers (1) Body Pre-request Script Tests

Key	Value
<input checked="" type="checkbox"/> Authorization	JWT eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJleHAiOiE1NzYyYyYl
New key	Value

Body Cookies Headers (6) Test Results Status: 201 Created

Pretty Raw Preview JSON

```
1 {
2   "question_id": 2,
3   "user_option": "e",
4   "is_correct": null,
5   "is_skipped": "Y"
6 }
```

To show the result based on category type

URL - <http://localhost:3000/assessments/result>

With exam as category

GET [http://localhost:3000/assessments/result?assessment\[type\]=exam&assessment\[type...](http://localhost:3000/assessments/result?assessment[type]=exam&assessment[type...) Params Send

Key	Value
<input checked="" type="checkbox"/> assessment[type]	exam
<input checked="" type="checkbox"/> assessment[type_id]	1
New key	Value

Authorization Headers (1) Body Pre-request Script Tests

Key	Value
<input checked="" type="checkbox"/> Authorization	JWT eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJleHAiOiE1NzYyYyYl
New key	Value

Body Cookies Headers (6) Test Results Status: 200 OK

Pretty Raw Preview JSON

```
1 {
2   "correct_answers": 20,
3   "wrong_answers": 0,
4   "skipped_questions": 20,
5   "unseen_questions": 20
6 }
```

With Chapter as category

GET ⌵ http://localhost:3000/assessments/result?assessment[type]=chapter&assessment[t... Params Send ⌵

Key	Value	...
<input checked="" type="checkbox"/> assessment[type]	chapter	
<input checked="" type="checkbox"/> assessment[type_id]	3	
New key	Value	

Authorization Headers (1) Body Pre-request Script Tests

Key	Value	...	Bulk Edit
<input checked="" type="checkbox"/> Authorization	JWT eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJleHAiOiE1NzYyYyM		
New key	Value		

Body Cookies Headers (6) Test Results Status: 200 OK T

Pretty Raw Preview JSON ⌵ ≡

```
1 {  
2   "correct_answers": 33,  
3   "wrong_answers": 0,  
4   "skipped_questions": 33,  
5   "unseen_questions": 33  
6 }
```

Chapter with no questions attended by user

GET ⌵ http://localhost:3000/assessments/result?assessment[type]=chapter&assessment[t... Params Send ⌵

Key	Value	...
<input checked="" type="checkbox"/> assessment[type]	chapter	
<input checked="" type="checkbox"/> assessment[type_id]	4	
New key	Value	

Authorization Headers (1) Body Pre-request Script Tests

Key	Value	...	Bulk Edit
<input checked="" type="checkbox"/> Authorization	JWT eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJleHAiOiE1NzYyYyM		
New key	Value		

Body Cookies Headers (6) Test Results Status: 200 OK T

Pretty Raw Preview JSON ⌵ ≡

```
1 {  
2   "correct_answers": 0,  
3   "wrong_answers": 0,  
4   "skipped_questions": 0,  
5   "unseen_questions": 100  
6 }
```