

## 1.register function

### 1.1(Path:/register , Method:GET)

This router should return **Register Page**.

### 1.2(Path:/register , Method:POST)

This router complete the registration function, You should give three parameter with x-www-form-urlencoded (name,password,identity).The router will return a JSON if success, or return an error.

http://localhost:3000/register

POST http://localhost:3000/register

Params Authorization Headers (1) **Body** Pre-request Script Tests Cookies Code Comments (0)

none form-data x-www-form-urlencoded raw binary

KEY	VALUE	DESCRIPTION
name	TestUser1	
password	ChenYu01	
identity	candidates	
Key	Value	Description

Body Cookies Headers (6) Test Results Status: 200 OK Time: 4358 ms Size: 340 B Download

Pretty Raw Preview JSON

```
1 {
2   "_id": "5cc8f47aa495cb053b46f528",
3   "name": "TestUser1",
4   "password": "$2b$16$6tMskQuVoHm13sR0DGAE90E0K0Y21Qx0RIPb0X1DoCsrczxvu6Kp."
5 }
```

http://localhost:3000/register

POST http://localhost:3000/register

Params Authorization Headers (1) **Body** Pre-request Script Tests Cookies Code Comments (0)

none form-data x-www-form-urlencoded raw binary

KEY	VALUE	DESCRIPTION
name	TestUser1	
password	ChenYu01	
identity	candidates	
Key	Value	Description

Body Cookies Headers (6) Test Results Status: 500 Internal Server Error Time: 8 ms Size: 272 B Download

Pretty Raw Preview JSON

```
1 {
2   "error": "Sorry. This username is used."
3 }
```

## 2.login function

### 2.1(Path:/login, Method:GET)

This router should return **Login Page**.

### 2.2(Path:/login, Method:POST)

This router complete the registration function, You should give three parameter with x-www-form-urlencoded (name,password,identity).The router will return a JSON if

success and store login statues with session, or return an error.

The screenshot shows a REST client interface with a POST request to `http://localhost:3000/login`. The request body is `x-www-form-urlencoded` with the following data:

KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/> name	Turing	
<input checked="" type="checkbox"/> password	No1ModernCS	
<input checked="" type="checkbox"/> identity	creators	
Key	Value	Description

The response is a JSON object:

```
1 {
2   "cookie": {
3     "originalMaxAge": 600000,
4     "expires": "2019-05-01T01:32:56.132Z",
5     "httpOnly": true,
6     "path": "/"
7   },
8   "user": "Turing",
9   "identity": "creators",
10  "userId": "5cc5ee67cec8ffba8b9df670"
11 }
```

Status: 200 OK, Time: 4333 ms, Size: 550 B

### 3. logout function

#### 3.1(Path:/logout, Method:GET)

This router will logout Current user.

The screenshot shows a REST client interface with a GET request to `http://localhost:3000/logout`. The response is a JSON object:

```
1 {
2   "cookie": {
3     "originalMaxAge": 600000,
4     "expires": "2019-05-01T01:40:34.861Z",
5     "httpOnly": true,
6     "path": "/"
7   },
8   "user": null,
9   "identity": null,
10  "userId": null
11 }
```

Status: 200 OK, Time: 16 ms, Size: 518 B

#### 4.account update function

##### 4.1(Path:/accountUpdate, Method:GET)

This router should return **account update page**

##### 4.2(Path:/accountUpdate, Method:POST)

This router complete the account update function, You should give four parameter with x-www-form-urlencoded (name,OldPassword,Newpassword,identity).The router will check the login statuses and return a JSON if success, or return an error.

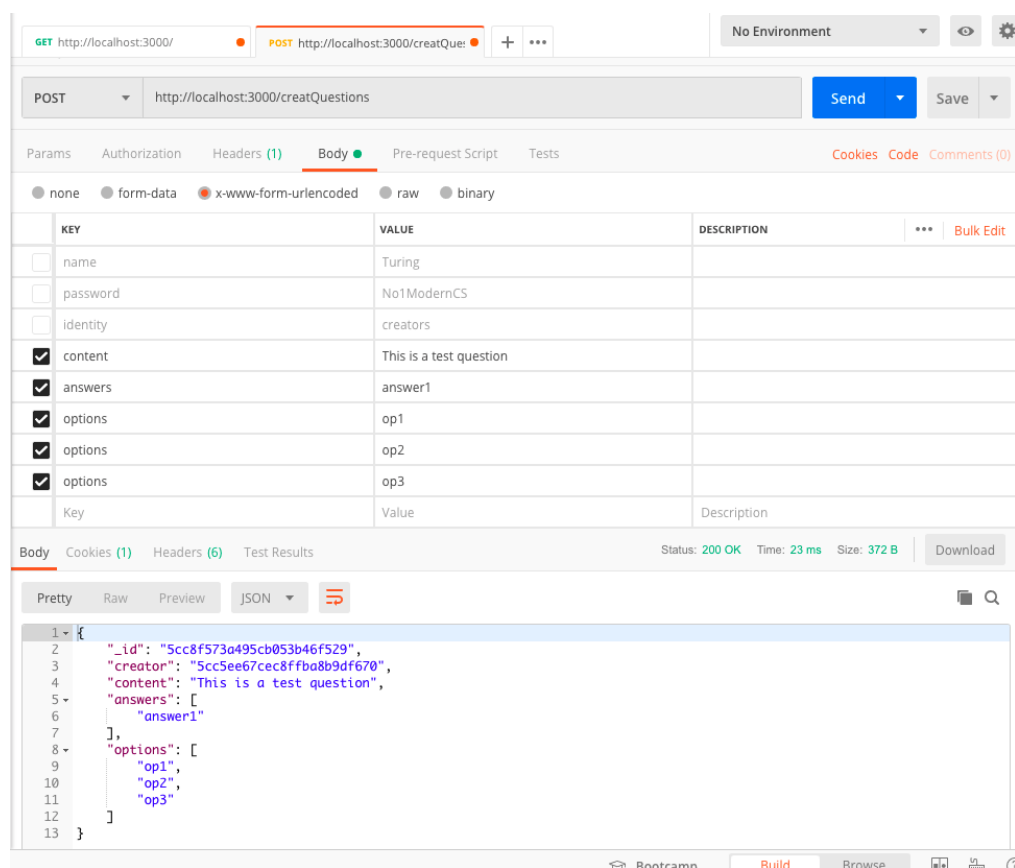
#### 5.creat question function

##### 5.1(Path:/creatQuestions, Method:GET)

This router should return **account update page**

##### 5.2(Path:/creatQuestions, Method:POST)

This router complete the creat question function, You should give three parameter with x-www-form-urlencoded (content,answers,options,).You can give multiple answers and options, And the total elements of answer and options are 4-6. The router will check the login statuses and return a JSON if success, or return an error.



#### 6.view question function

##### 6.1(Path:/viewQuestions, Method:GET)

This router will check if you are a login creator and then return **account update page** and all the questions create by this creator.

GET http://localhost:3000/viewQuestions

Send Save

name	Turing	
password	No1ModernCS	
identity	creators	
content	This is a test question	
answers	answer1	
options	op1	
options	op2	
options	op3	
Key	Value	Description

Body Cookies (1) Headers (6) Test Results Status: 200 OK Time: 27 ms Size: 5.22 KB Download

Pretty Raw Preview JSON

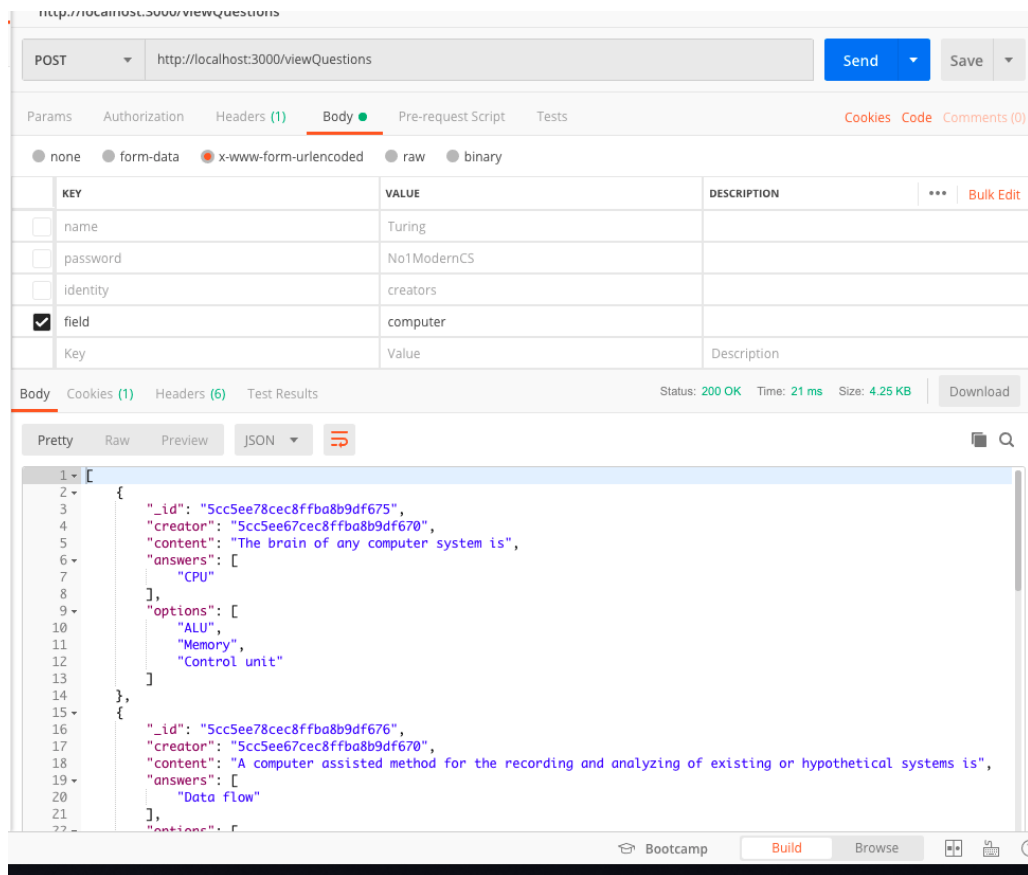
```

1 [
2   {
3     "_id": "5cc5ee78cec8ffba8b9df675",
4     "creator": "5cc5ee67cec8ffba8b9df670",
5     "content": "The brain of any computer system is",
6     "answers": [
7       "CPU"
8     ],
9     "options": [
10      "ALU",
11      "Memory",
12      "Control unit"
13    ]
14  },
15  {
16    "_id": "5cc5ee78cec8ffba8b9df676",
17    "creator": "5cc5ee67cec8ffba8b9df670",
18    "content": "A computer assisted method for the recording and analyzing of existing or hypothetical systems is",
19    "answers": [
20      "Data flow"
21    ],
22    "options": [
  
```

Bootcamp Build Browse in console

## 6.2(Path:/viewQuestions, Method:POST)

This router will check if you are a login creator and return an array of all question created by this creator with the keyword. You should give one parameter with x-www-form-urlencoded (field).The router will return a JSON if success, or return an error.



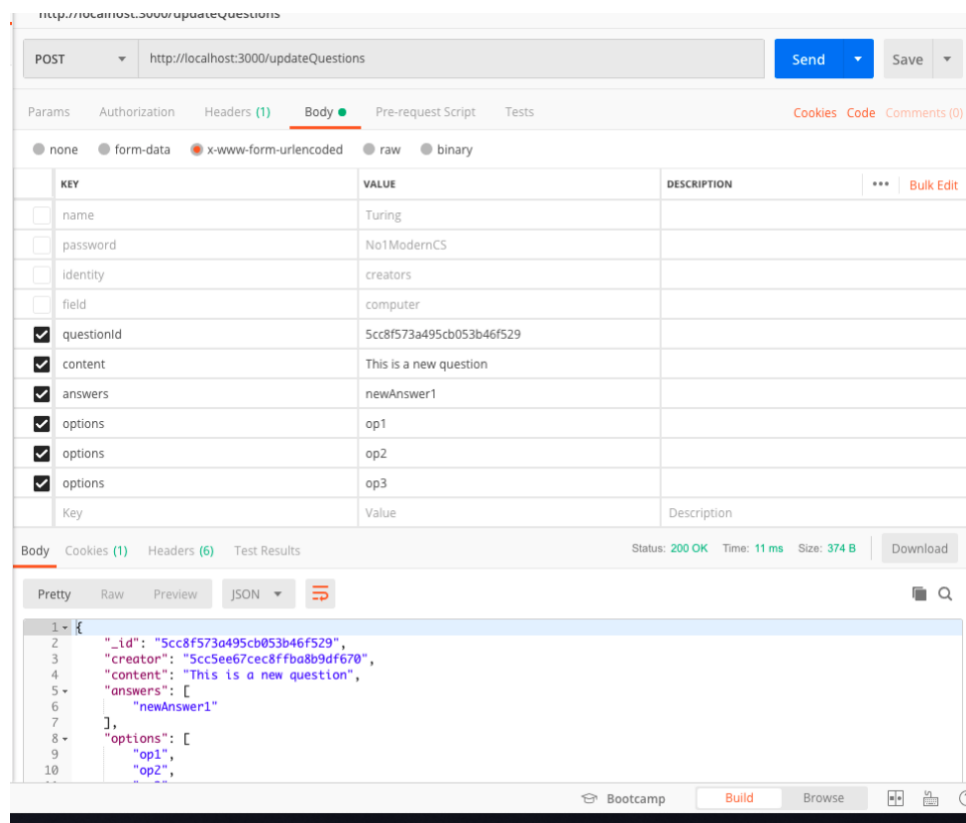
## 7.update questions

### 7.1(Path:/updateQuestions, Method:GET)

This router should return **Update Questions Page**.

### 7.2(Path:/updateQuestions, Method:POST)

This router complete the update questions, You should give four parameter with x-www-form-urlencoded (questionId,content,answers,options,).You can give multiple answers and options, And the total elements of answer and options are 4-6. The router will check the login statues and return a JSON if success, or return an error.



## 8.creat quiz function

### 8.1(Path:/creatQuiz, Method:GET)

This router should return **Quiz Page**.

### 8.1(Path:/creatQuiz, Method:POST)

This router complete the creat quiz function, Every time to create a quiz, there will be 5 questions (base on your key word)be shown. If not enough, then the limited question(s) will be listed. You should give one parameter with x-www-form-urlencoded (field).The router will return a JSON if success, or return an error.

POST http://localhost:3000/creatQuiz Send Save

Params Authorization Headers (1) **Body** Pre-request Script Tests Cookies Code Comments (0)

☐ none ☐ form-data ☒ x-www-form-urlencoded ☐ raw ☐ binary

	KEY	VALUE	DESCRIPTION	...	Bulk Edit
<input type="checkbox"/>	name	Hangyu Wang			
<input type="checkbox"/>	password	HWang2019			
<input type="checkbox"/>	identity	candidates			
<input checked="" type="checkbox"/>	field	computer			
	Key	Value	Description		

Body Cookies (1) Headers (6) Test Results Status: 200 OK Time: 101 ms Size: 1.08 KB Download

Pretty Raw Preview JSON ≡

```

1 {
2   "Q_id": "5cc8f7add120d905fa5d2864",
3   "Questions": [
4     {
5       "_id": "5cc5ee78cec8ffba8b9df685",
6       "content": "When did arch rivals IBM and Apple Computers Inc. decide to join hands?",
7       "option": [
8         "1978",
9         "1991",
10        "1990",
11        "1984"
12      ]
13    },
14    {
15      "_id": "5cc5ee78cec8ffba8b9df67a",
16      "content": "Which computer has been designed to be as compact as possible?",
17      "option": [
18        "Mini",
19        "Micro computer",
20        "Mainframe",
21        "Super computer"
22      ]
23    },
24    {
25      "_id": "5cc5ee78cec8ffba8b9df67c"

```

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## 9.grade quiz function

### 9.1(Path:/gradeQuiz, Method:POST)

This router complete the account update function, You should give parameter with raw the type is JSON (You should submit a JSON like the format I showed. I think this may have some difficulties for the front end. Please communicate with me. Let's find a solution together.).The router will check the login statues and return a JSON if success, or return an error.

GET http://localhost:3000/

POST http://localhost:3000/gradeQui:

+

...

No Environment

http://localhost:3000/gradeQuiz

POST

http://localhost:3000/gradeQuiz

Send

Save

ParamsAuthorizationHeaders (1)BodyPre-request ScriptTests

CookiesCodeComments (0)

noneform-datax-www-form-urlencoderawbinary

JSON (application/json)

Beautify

1- { "quizId": "5cc8f7add120d905fa5d2864",

2- "Submission": [

3- { "QuesId": "5cc5ee78cec8ffb8b9df685", "answer": ["1978"] },

4- { "QuesId": "5cc5ee78cec8ffb8b9df67a", "answer": ["Mini"] },

5- { "QuesId": "5cc5ee78cec8ffb8b9df67c", "answer": ["PLA"] }

6- ]

7- }

BodyCookiesHeaders (6)Test Results

Status: 200 OKTime: 19 msSize: 330 BDownload

PrettyRawPreviewJSON

1- {

2- "id": "5cc8f7add120d905fa5d2864",

3- "candidate": "5cc5ee55cec8ffb8b9df66c",

4- "quizName": "computerQUIZ",

5- "quizScore": "0/3"

6- }