

Screenshot

Admin(users lis ,login,edit users)

The image displays two screenshots of the Postman application interface, showing REST client requests and responses for a user management API.

Top Screenshot:

- Request:** A GET request to `http://127.0.0.1:8000/home/users/`.
- Response:** A 200 OK status with a JSON body containing a list of users:

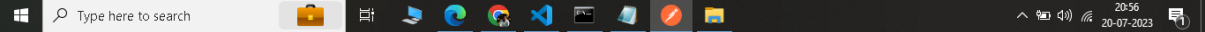
```
{
  "username": "user2",
  "first_name": "aish",
  "last_name": "murali",
  "email": "murali@gmail.com"
},
{
  "username": "user3",
  "first_name": "syam",
  "last_name": "saleel",
  "email": "saleel@gmail.com"
},
{
  "username": "user4",
  "first_name": "anja",
  "last_name": "kri",
  "email": "anja@gmail.com"
}
```

Bottom Screenshot:

- Request:** A PUT request to `http://localhost:8000/home/users/1/` with a JSON body:

```
{
  "username": "aishwarya",
  "first_name": "aish",
  "last_name": "nm",
  "email": "murali@gmail.com",
  "password": "123"
}
```
- Response:** A 200 OK status with a JSON body:

```
{
  "status": 200,
  "payload": {
    "username": "aishwarya",
    "first_name": "aish",
    "last_name": "nm",
    "email": "murali@gmail.com"
  }
}
```



users(sign up,login ,profile)

The screenshot shows the Postman application interface. At the top, there's a navigation bar with 'Home', 'Workspaces', 'API Network', and 'Explore'. Below it, a status bar indicates a verification link was sent to 'syamsaleel4066@gmail.com'. The main workspace displays a REST client request for the endpoint 'http://localhost:8000/home/registeruser/'. The request is a POST method with a JSON body containing user details: 'username': 'user4', 'first_name': 'anja', 'last_name': 'kri', 'email': 'anja@gmail.com', and 'password': '12345'. The response is shown in the 'Body' tab, indicating a 200 OK status with a message 'User created.'.

```
POST http://localhost:8000/home/registeruser/

{
  "username": "user4",
  "first_name": "anja",
  "last_name": "kri",
  "email": "anja@gmail.com",
  "password": "12345"
}
```

```
{
  "status": 201,
  "message": "User created."
}
```

The screenshot shows the Postman application interface for a second request. The endpoint is 'http://127.0.0.1:8000/home/api/token/'. The request is a POST method with a JSON body containing 'email': 'saleel@gmail.com' and 'password': '1234'. The response is shown in the 'Body' tab, indicating a 200 OK status and providing a long 'refresh' token and an 'access' token.

```
POST http://127.0.0.1:8000/home/api/token/

{
  "email": "saleel@gmail.com",
  "password": "1234"
}
```

```
{
  "refresh": "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiIsInR5cCI6IkpXZWJ0InRlc282bm00ZjYwE4ZTBkbnZlZWZlbnVzZXJfawQ10jW9.eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiIsInR5cCI6IkpXZWJ0InRlc282bm00ZjYwE4ZTBkbnZlZWZlbnVzZXJfawQ10jW9.SyL6ol157621jC--hweN881JRz7wey_o_n20fCV1i3c",
  "access": "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiIsInR5cCI6IkpXZWJ0InRlc282bm00ZjYwE4ZTBkbnZlZWZlbnVzZXJfawQ10jW9.eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiIsInR5cCI6IkpXZWJ0InRlc282bm00ZjYwE4ZTBkbnZlZWZlbnVzZXJfawQ10jW9.VBAwYRRDRZ0imGBK6DqigxPjCZ9vC8-pSy1MA9kbYdI"
}
```

Quiz creation

HomeWorkspacesAPI NetworkExplore

Search Postman

Invite

Upgrade

Please complete your account verification. We've sent the verification link to syamsaleel4086@gmail.com

Resend Verification Email

GET http://PUT http://POST http://GET http://POST http://POST http://POST http://GET http://POST http://GET http://GET http://

No Environment

http://127.0.0.1:8000/home/quiz/creat/

Save

Send

POST

http://127.0.0.1:8000/home/quiz/creat/

Send

ParamsAuthorizationHeaders (9)BodyPre-request ScriptTestsSettings

Cookies

BodyCookiesHeaders (10)Test Results

Status: 201 CreatedTime: 3.11 sSize: 1.12 KBSave as Example

PrettyRawPreviewVisualizeJSON

33{
34 "id": 6,
35 "quiz": 3,
36 "text": "Solve for x: 2x + 5 = 15",
37 "choices": [
38 {
39 "id": 14,
40 "text": "5",
41 "is_correct": true,
42 "question": 6
43 },
44 {
45 "id": 15,
46 "text": "10",
47 "is_correct": false,
48 "question": 6
49 },
50 {
51 "id": 16,
52 "text": "15",

OnlineFind and replaceConsole

RunnerCapture requestsCookiesTrash

20:5120-07-2023

HomeWorkspacesAPI NetworkExplore

Search Postman

Invite

Upgrade

Please complete your account verification. We've sent the verification link to syamsaleel4086@gmail.com

Resend Verification Email

GET http://PUT http://POST http://GET http://POST http://POST http://POST http://GET http://POST http://GET http://GET http://

No Environment

http://127.0.0.1:8000/home/quiz/creat/

Save

Send

POST

http://127.0.0.1:8000/home/quiz/creat/

Send

ParamsAuthorizationHeaders (9)BodyPre-request ScriptTestsSettings

Cookies

BodyCookiesHeaders (10)Test Results

Status: 201 CreatedTime: 3.11 sSize: 1.12 KBSave as Example

PrettyRawPreviewVisualizeJSON

1{"id": 3,
2 "title": "mathematics",
3 "topic": "algebra",
4 "difficulty_level": "Hard",
5 "created_at": "2023-07-20T09:22:19.501635Z",
6 "questions": [
7 {
8 "id": 5,
9 "quiz": 3,
10 "text": "What is the square root of 144?",
11 "choices": [
12 {
13 "id": 11,
14 "text": "10",
15 "is_correct": false,
16 "question": 6

OnlineFind and replaceConsole

RunnerCapture requestsCookiesTrash

20:5120-07-2023

Home Workspaces API Network Explore Search Postman Invite Upgrade

Please complete your account verification. We've sent the verification link to syamsaleel4086@gmail.com Resend Verification Email

GET http:// PUT http:// POST http:// GET http:// POST http:// POST http:// POST http:// GET http:// POST http:// GET http:// GET http:// + No Environment

http://127.0.0.1:8000/home/quiz/creat/ Save

POST http://127.0.0.1:8000/home/quiz/creat/ Send

Params Authorization Headers (9) Body Pre-request Script Tests Settings Cookies Beautify

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

```
20 ..... "is_correct": false
21 ..... }
22 ..... ]
23 ..... },
24 ..... {
25 ..... "text": "Solve for x: 2x + 5 = 15",
26 ..... "choices": [
27 ..... {
28 ..... "text": "5",
29 ..... "is_correct": true
30 ..... },
31 ..... {
32 ..... "text": "10",
33 ..... "is_correct": false
34 ..... },
35 ..... {
36 ..... "text": "15",
37 ..... "is_correct": false
38 ..... }
```

Body Cookies Headers (10) Test Results Status: 201 Created Time: 3.11 s Size: 1.12 KB Save as Example

Online Find and replace Console Runner Capture requests Cookies Trash 20:51 20-07-2023

Home Workspaces API Network Explore Search Postman Invite Upgrade

Please complete your account verification. We've sent the verification link to syamsaleel4086@gmail.com Resend Verification Email

GET http:// PUT http:// POST http:// GET http:// POST http:// POST http:// POST http:// GET http:// POST http:// GET http:// GET http:// + No Environment

http://127.0.0.1:8000/home/quiz/creat/ Save

POST http://127.0.0.1:8000/home/quiz/creat/ Send

Params Authorization Headers (9) Body Pre-request Script Tests Settings Cookies Beautify

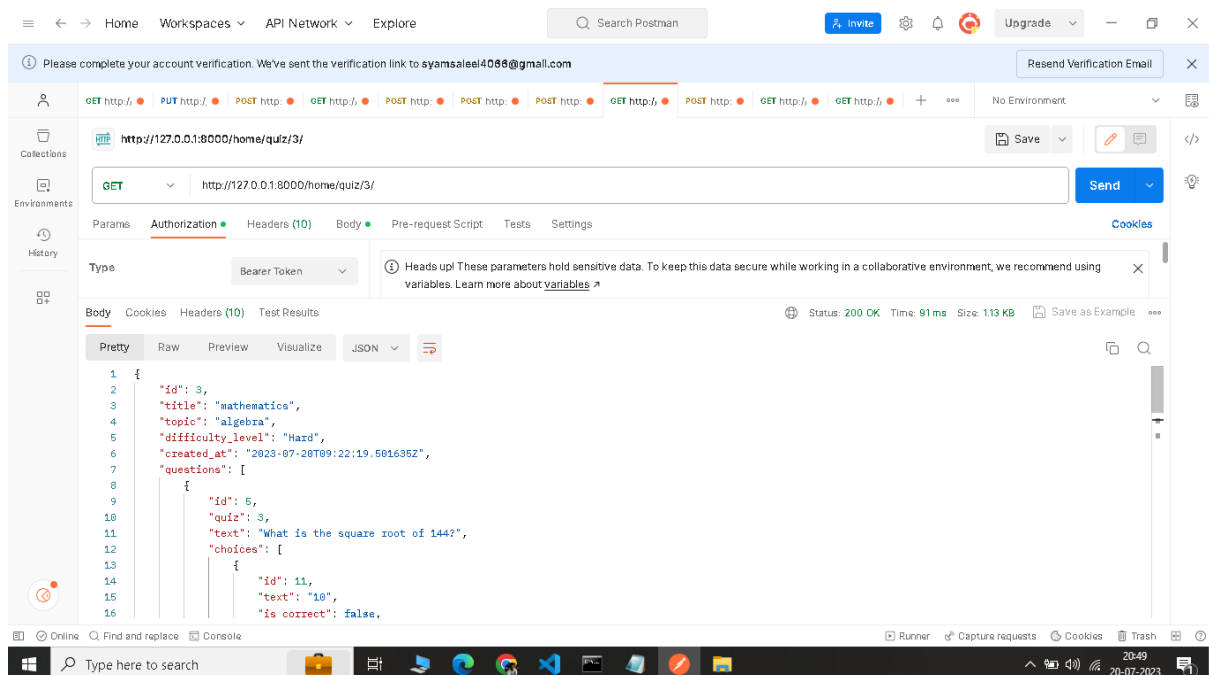
none form-data x-www-form-urlencoded raw binary GraphQL JSON

```
1 {
2   "title": "mathematics",
3   "topic": "algebra",
4   "difficulty_level": "Hard",
5   "questions": [
6     {
7       "text": "What is the square root of 144?",
8       "choices": [
9         {
10          "text": "10",
11          "is_correct": false
12        },
13        {
14          "text": "12",
15          "is_correct": true
16        },
17        {
18          "text": "15",
19          "is_correct": false
20        }
21      ]
22    }
23  ]
24 }
```

Body Cookies Headers (10) Test Results Status: 201 Created Time: 3.11 s Size: 1.12 KB Save as Example

Online Find and replace Console Runner Capture requests Cookies Trash 20:50 20-07-2023

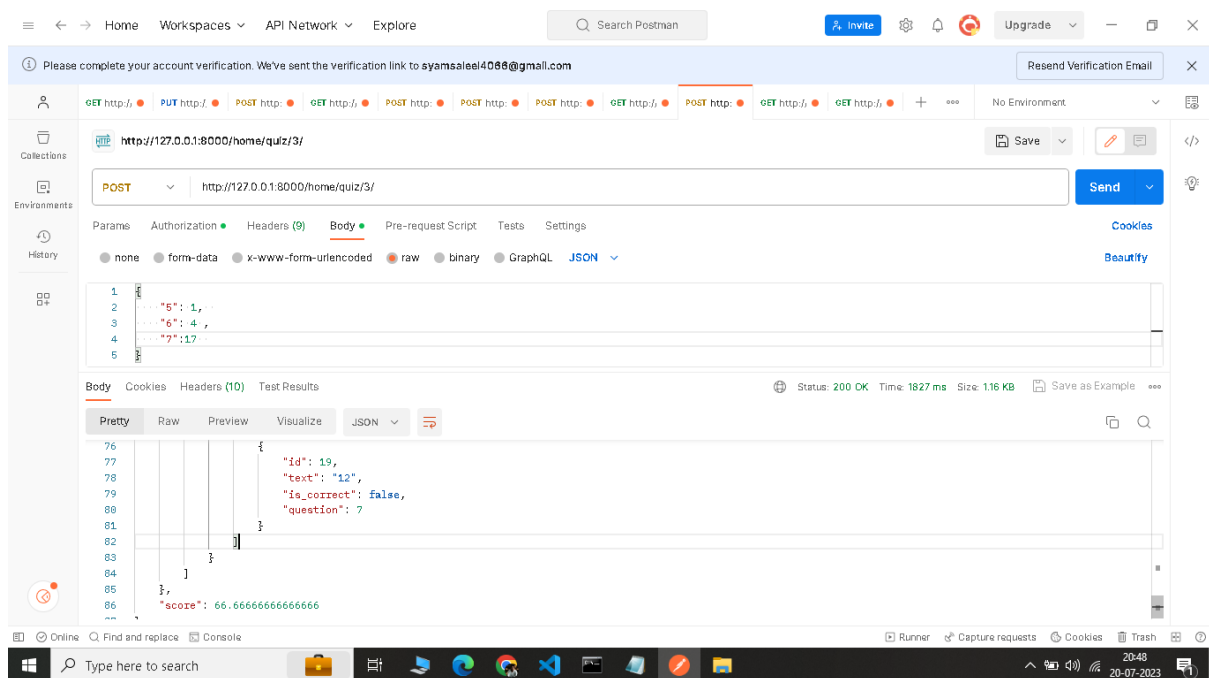
Quiz taking



Postman interface showing a GET request to `http://127.0.0.1:8000/home/quiz/3/` with a Bearer Token authorization. The response is a JSON object containing quiz details and a list of questions.

```
{
  "id": 3,
  "title": "mathematics",
  "topic": "algebra",
  "difficulty_level": "Hard",
  "created_at": "2023-07-20T09:22:19.501635Z",
  "questions": [
    {
      "id": 5,
      "quiz": 3,
      "text": "What is the square root of 144?",
      "choices": [
        {
          "id": 11,
          "text": "10",
          "is correct": false,

```



Postman interface showing a POST request to `http://127.0.0.1:8000/home/quiz/3/` with a JSON body. The response is a JSON object containing quiz details and a score.

```
{
  "id": 19,
  "text": "12",
  "is correct": false,
  "question": 7
}
{
  "score": 66.66666666666666
}
```

List

Postman interface showing a REST client request to `http://127.0.0.1:8000/home/quiz/list/`. The request is a GET method. The response status is 200 OK, Time: 162 ms, Size: 2.23 KB. The response body is a JSON array of quiz questions.

```
26 {
27   "id": 2,
28   "quiz": 1,
29   "text": "How many Ballond'or ronaldo have",
30   "choices": [
31     {
32       "id": 3,
33       "text": "18",
34       "is_correct": false,
35       "question": 2
36     },
37     {
38       "id": 4,
39       "text": "5",
40       "is_correct": true,
41       "question": 2
42     }
43   ]
44 }
```

Postman interface showing a REST client request to `http://127.0.0.1:8000/home/quiz/list/`. The request is a GET method. The response status is 200 OK, Time: 162 ms, Size: 2.23 KB. The response body is a JSON object containing quiz details and a list of questions.

```
1 {
2   "id": 1,
3   "title": "sports",
4   "topic": "football",
5   "difficulty_level": "Easy",
6   "created_at": "2023-07-20T09:09:49.813526Z",
7   "questions": [
8     {
9       "id": 1,
10      "quiz": 1,
11      "text": "How many Ballond'or messi have",
12      "choices": [
13        {
14          "id": 1,
15          "text": "7",
16          "is_correct": true,
17          "question": 1
18        }
19      ]
20    }
21  ]
22 }
```

Filter

Home Workspaces API Network Explore Search Postman Invite Upgrade

Please complete your account verification. We've sent the verification link to syamsaleel4066@gmail.com Resend Verification Email

GET http://127.0.0.1:8000/home/quiz/filter/ Save

GET http://127.0.0.1:8000/home/quiz/filter/ Send

Params Authorization Headers (7) Body Pre-request Script Tests Settings Cookies

Body Cookies Headers (10) Test Results Status: 200 OK Time: 1135 ms Size: 2.23 KB Save as Example

Pretty Raw Preview Visualize JSON

```
106    }
107  },
108  {
109    "id": 3,
110    "title": "mathematics",
111    "topic": "algebra",
112    "difficulty_level": "Hard",
113    "created_at": "2023-07-20T09:22:19.501635Z",
114    "questions": [
115      {
116        "id": 5,
117        "quiz": 3,
118        "text": "What is the square root of 144?",
119        "choices": [
120          {
121            "id": 11,
122            "text": "10",
123            "is_correct": false,
124            "question": 5
```

Home Workspaces API Network Explore Search Postman Invite Upgrade

Please complete your account verification. We've sent the verification link to syamsaleel4066@gmail.com Resend Verification Email

GET http://127.0.0.1:8000/home/quiz/filter/ Save

GET http://127.0.0.1:8000/home/quiz/filter/ Send

Params Authorization Headers (7) Body Pre-request Script Tests Settings Cookies

Body Cookies Headers (10) Test Results Status: 200 OK Time: 1135 ms Size: 2.23 KB Save as Example

Pretty Raw Preview Visualize JSON

```
46    }
47  },
48  {
49    "id": 2,
50    "title": "history",
51    "topic": "world",
52    "difficulty_level": "Medium",
53    "created_at": "2023-07-20T09:15:26.344658Z",
54    "questions": [
55      {
56        "id": 3,
57        "quiz": 2,
58        "text": "When did World War I begin?",
59        "choices": [
60          {
61            "id": 5,
62            "text": "1914",
63            "is_correct": true,
64
```


Postman interface showing a REST client request to `http://127.0.0.1:8000/home/quiz/filter/` using the GET method. The response is displayed in the Body tab, showing a JSON array of quiz questions. The status is 200 OK, Time: 1135 ms, Size: 2.23 KB.

```
15 {
16   "id": 1,
17   "text": "7",
18   "is_correct": true,
19   "question": 1
20 },
21 {
22   "id": 2,
23   "text": "5",
24   "is_correct": false,
25   "question": 1
26 }
27 ],
28 {
29   "id": 2,
30   "quiz": 1,
31   "text": "How many Ballond'or ronaldo have",
32   "choices": [
33     {
34       "id": 3,
```

Postman interface showing a REST client request to `http://127.0.0.1:8000/home/quiz/filter/` using the GET method. The response is displayed in the Body tab, showing a JSON object with quiz details. The status is 200 OK, Time: 1135 ms, Size: 2.23 KB.

```
1 {
2   "id": 1,
3   "title": "sports",
4   "topic": "football",
5   "difficulty_level": "Easy",
6   "created_at": "2023-07-20T09:09:49.813526Z",
7   "questions": [
8     {
9       "id": 1,
10      "quiz": 1,
11      "text": "How many Ballond'or messi have",
12      "choices": [
13        {
14          "id": 1,
15          "text": "7",
16          "is_correct": true,
17          "question": 1
18        },
19      ]
20    },
21  ]
22 }
```

Analysis

Home Workspaces API Network Explore Search Postman Invite Upgrade

Please complete your account verification. We've sent the verification link to syamsaleel4066@gmail.com Resend Verification Email

GET http://127.0.0.1:8000/home/quiz/analytics/ Save

GET http://127.0.0.1:8000/home/quiz/analytics/ Send

Params Authorization Headers (7) Body Pre-request Script Tests Settings Cookies

Body Cookies Headers (10) Test Results Status: 200 OK Time: 96 ms Size: 746 B Save as Example

Pretty Raw Preview Visualize JSON

```
1 {
2   "performance_metrics": {
3     "average_score": {
4       "5": 66.0,
5       "6": 66.0,
6       "7": 66.0
7     },
8     "highest_score": 66.0,
9     "lowest_score": 66.0
10  },
11  "most_answered_questions": [
12    "When did World War I begin?",
13    "Who was the first president of the United States?"
14  ],
15  "least_answered_questions": [
16    "How many Ballond'or messi have",
17    "How many Ballond'or ronaldo have"
18  ],
19  "passing_percentage": 100.0
20 }
```

Online Find and replace Console Runner Capture requests Cookies Trash 20:32 20-07-2023

Home Workspaces API Network Explore Search Postman Invite Upgrade

Please complete your account verification. We've sent the verification link to syamsaleel4066@gmail.com Resend Verification Email

GET http://127.0.0.1:8000/home/quiz/analytics/ Save

GET http://127.0.0.1:8000/home/quiz/analytics/ Send

Params Authorization Headers (7) Body Pre-request Script Tests Settings Cookies

Body Cookies Headers (10) Test Results Status: 200 OK Time: 96 ms Size: 746 B Save as Example

Pretty Raw Preview Visualize JSON

```
1 {
2   "quiz_overview": {
3     "no_of_quizzes": 3,
4     "no_of_quiz_takers": 1,
5     "average_quiz_score": 66.0
6   },
7   "performance_metrics": {
8     "average_score": {
9       "5": 66.0,
10      "6": 66.0,
11      "7": 66.0
12    },
13    "highest_score": 66.0,
14    "lowest_score": 66.0
15  },
16  "most_answered_questions": [
17    "When did World War I begin?",
18    "Who was the first president of the United States?"
19  ],
20  "least_answered_questions": [
21    "How many Ballond'or messi have",
22    "How many Ballond'or ronaldo have"
23  ],
24  "passing_percentage": 100.0
25 }
```

Online Find and replace Console Runner Capture requests Cookies Trash 20:32 20-07-2023