

CSE 434 - Aspect and Service-Oriented Software Systems



Lab (2)

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Postman Screenshots

GET All users operation

The screenshot displays the Postman interface for a GET request to `http://localhost:8080/api/v1/users`. The request is configured with the method `GET` and the URL `http://localhost:8080/api/v1/users`. The response is a `200 OK` status with a response time of `10 ms` and a body size of `380 B`. The response body is a JSON array containing two user objects.

Query Params

Key	Value	Description
Key	Value	Description

Body

```
[
  {
    "id": 1,
    "email": "AhmedSaif@gmail.com",
    "username": "user1",
    "password": "password22_as",
    "phoneNumber": "011192020"
  },
  {
    "id": 2,
    "email": "user2@gmail.com",
    "username": "user2",
    "password": "password22",
    "phoneNumber": "012332311"
  }
]
```

GET user operation -> Find by ID

The screenshot shows the Postman interface with a GET request to `http://localhost:8080/api/v1/users/1`. The request is saved and the response is displayed. The response status is **200 OK** with a response time of 17 ms and a body size of 274 B. The response body is a JSON object:

```
{
  "id": 1,
  "email": "AhmedSaif@gmail.com",
  "username": "user1",
  "password": "password22_as",
  "phoneNumber": "011192020"
}
```

UPDATE (PUT) user operation

The screenshot shows the Postman interface with a PUT request to `http://localhost:8080/api/v1/users/2`. The request is saved and the response is displayed. The response status is **200 OK** with a response time of 12 ms and a body size of 277 B. The request body is a JSON object:

```
{
  "email": "Top@gmail.com",
  "phoneNumber": "011112099873",
  "password": "password22_as2",
  "username": "user2_same"
}
```

The response body is a JSON object:

```
{
  "id": 2,
  "email": "Top@gmail.com",
  "username": "user2_same",
  "password": "password22_as2",
  "phoneNumber": "011112099873"
}
```

POST user operation

The screenshot displays the Postman application interface. On the left sidebar, the 'My Workspace' section is active, showing a collection named 'My first collection' with two folders: 'First folder inside collection' and 'Second folder inside collection'. Below this, a prompt encourages creating a collection for requests, explaining that it allows grouping related requests and setting common authorization, tests, scripts, and variables. A 'Create Collection' button is visible.

The main workspace shows a POST request to the endpoint `http://localhost:8080/api/v1/users`. The request is configured with the following details:

- Method:** POST
- URL:** `http://localhost:8080/api/v1/users`
- Body:** The request body is set to 'raw' and contains the following JSON data:

```
1 {
2   "email" : "AboElsyoif@gmail.com",
3   "phoneNumber" : "010028990",
4   "password" : "password22_Saif1",
5   "username" : "AboEslyouf"
6 }
```

The response section at the bottom shows a successful status of **200 OK** with a response time of 8 ms and a body size of 283 B. The response body is displayed in JSON format:

```
1 {
2   "id": 3,
3   "email": "AboElsyoif@gmail.com",
4   "username": "AboEslyouf",
5   "password": "password22_Saif1",
6   "phoneNumber": "010028990"
7 }
```

DELETE user operation

The screenshot shows the Postman interface with a workspace named 'My Workspace'. On the left sidebar, there are sections for 'Collections', 'Environments', 'Flows', and 'History'. The 'Collections' section is expanded, showing a collection named 'My first collection' with two folders: 'First folder inside collection' and 'Second folder inside collection'. Below this, there is a prompt to 'Create a collection for your requests' with a 'Create Collection' button.

The main area displays a DELETE request to the URL `http://localhost:8080/api/v1/users/2`. The request is configured with the following settings:

- Method: DELETE
- URL: `http://localhost:8080/api/v1/users/2`
- Body: none (selected)

The response is shown in the 'Body' tab, indicating a successful deletion with a status of **200 OK**, a response time of 463 ms, and a body size of 189 B. The response text is: `1 User deleted successfully`.

The screenshot shows the Postman interface with the same workspace. The main area displays a GET request to the URL `http://localhost:8080/api/v1/users`. The request is configured with the following settings:

- Method: GET
- URL: `http://localhost:8080/api/v1/users`
- Body: none (selected)

The response is shown in the 'Body' tab, indicating a successful GET operation with a status of **200 OK**, a response time of 6 ms, and a body size of 396 B. The response is a JSON array of two user objects:

```
1 [
2   {
3     "id": 1,
4     "email": "AhmedSaif@gmail.com",
5     "username": "user1",
6     "password": "password22_as",
7     "phoneNumber": "011192020"
8   },
9   {
10    "id": 3,
11    "email": "AboElsyoif@gmail.com",
12    "username": "AboElsyouf",
13    "password": "password22_Saifi",
14    "phoneNumber": "010028990"
15  }
16 ]
```

Github Link