

Cruz Grimaldez Manuel Dominique LAB_4

Put:

The screenshot shows a REST client interface in VS Code. The request is a PUT to `http://localhost:3000/api/users/1`. The body is a JSON object with the following fields:

```
{  "username": "CRUZ GRIMALDEZ MANUEL DOMINIQUE",  "password": "123456",  "email": "manuel.cruz@example.com",  "role": "admin"}
```

The response is a 200 OK status with a JSON object containing the created user's details:

```
{  "id": 1,  "username": "CRUZ GRIMALDEZ MANUEL DOMINIQUE",  "password": "123456",  "email": "user1@example.com",  "role": "admin"}
```

GET:

The screenshot shows a REST client interface in VS Code. The request is a GET to `http://localhost:3000/api/users`. The response is a 200 OK status with a JSON array of three user objects:

```
[  {    "id": 1,    "username": "CRUZ GRIMALDEZ MANUEL DOMINIQUE",    "password": "123456",    "email": "user1@example.com",    "role": "admin"  },  {    "id": 2,    "username": "user2",    "password": "t1nlowkk",    "email": "user2@example.com",    "role": "user"  },  {    "id": 3,    "username": "user3",    "password": "14j9wb5i",    "email": "user3@example.com",    "role": "admin"  }]
```

Post:

VS Code Explorer shows the project structure: MDCG > Ingenieria-de-Software > Laboratorios > Lab_1, Lab_2, Lab_3, Lab_4 > node_modules, JS main.js, package-lock.json, package.json, user.js, userService.js, Proyecto_Final, Proyecto_Final_Fase2, README.md.

REST Client Request: `POST http://localhost:3000/api/users`

Body (JSON):

```
1 {
2   "id": 4,
3   "username": "nuevoUsuario",
4   "password": "123456",
5   "email": "nuevo@example.com",
6   "role": "user"
7 }
```

Response: Status: 201 Created, Time: 20 ms, Size: 336 B

Body (JSON):

```
1 {
2   "id": 4,
3   "username": "nuevoUsuario",
4   "password": "123456",
5   "email": "nuevo@example.com",
6   "role": "user"
7 }
```

Delete:

REST Client Request: `DELETE http://localhost:3000/api/users/1`

Body (JSON):

```
1 {
2   "id": 4,
3   "username": "nuevoUsuario",
4   "password": "123456",
5   "email": "nuevo@example.com",
6   "role": "user"
7 }
```

Response: Status: 200 OK, Time: 6 ms, Size: 274 B

Body (JSON):

```
1 {
2   "message": "User deleted successfully"
3 }
```

REST Client Request: `GET http://localhost:3000/api/users`

Response: Status: 200 OK, Time: 5 ms

Body (JSON):

```
[{"id":2,"username":"user2","password":"pkk8fh8h","email":"user2@example.com","role":"user"},
{"id":3,"username":"user3","password":"fvgeexp","email":"user3@example.com","role":"admin"},
{"id":4,"username":"nuevoUsuario","password":"123456","email":"nuevo@example.com","role":"user"}]
```

Se realizo el laboratorio exitosamente.