

Visual Studio Code interface showing two screenshots of a REST client (Thunder Client) and a terminal window.

**Top Screenshot: listarUsuarios - Matriculas - Visual Studio Code**

- Thunder Client:** GET localhost:3001/api/users/. Status: 200 OK, Size: 210 Bytes, Time: 105 ms. Response shows a list of users.
- Terminal:** PS C:\Users\yulia\OneDrive\Escritorio\Matriculas> npm run dev  
> api-node@1.0.0 dev  
> node index.js  
[nodemon] 2.0.22  
[nodemon] to restart at any time, enter `rs`  
[nodemon] watching path(s): \*.\*  
[nodemon] watching extensions: js,mjs,json  
[nodemon] starting 'node index.js'  
Api está funcionando super bien en 3001 🥳  
Conexión establecida con la base: mongodb://127.0.0.1:27017/bd\_matriculasAcademia

**Bottom Screenshot: Agregar - Matriculas - Visual Studio Code**

- Thunder Client:** POST localhost:3001/api/users/. Status: 200 OK, Size: 266 Bytes, Time: 92 ms. Response shows a successful registration message.
- Terminal:** PS C:\Users\yulia\OneDrive\Escritorio\Matriculas> npm run dev  
> api-node@1.0.0 dev  
> node index.js  
[nodemon] 2.0.22  
[nodemon] to restart at any time, enter `rs`  
[nodemon] watching path(s): \*.\*  
[nodemon] watching extensions: js,mjs,json  
[nodemon] starting 'node index.js'  
Api está funcionando super bien en 3001 🥳  
Conexión establecida con la base: mongodb://127.0.0.1:27017/bd\_matriculasAcademia

Visual Studio Code interface showing a REST client request and response. The request is a PUT to localhost:3001/api/users/644ffabdecaa78a85907545f. The response is 200 OK, Size: 272 Bytes, Time: 60 ms. The response body is a JSON object representing a user.

```
PUT localhost:3001/api/users/644ffabdecaa78a85907545f
```

Query Headers Auth Body Tests Pre Run

JSON Content

```
{ 1 { 2 "baile": "bale", 3 "nombre": "estiven", 4 "edad": "27", 5 "genero": "masculino", 6 "celular": "777777" 7 } 8 }
```

Response Headers Cookies Results Docs

```
1 { 2 "body": { 3 "_id": "644ffabdecaa78a85907545f", 4 "baile": "tengo", 5 "nombre": "estiven", 6 "edad": "27", 7 "genero": "masculino", 8 "celular": "555555555", 9 "createdAt": "2023-05-01T17:45:33.370Z", 10 "updatedAt": "2023-05-03T03:42:33.047Z", 11 "_v": 0 12 }, 13 "msg": "Registro actualizado correctamente,", 14 "ok": "si" 15 }
```

THUNDER CLIENT

New Request

Activity Collections Env

filter collections

testingApiNodePs

GET listarUsuarios 1 day ago

POST Agregar 1 day ago

DELETE eliminar 1 day ago

PUT Actualizar just now

PROBLEMAS SALIDA CONSOLA DE DEPURACIÓN TERMINAL

[nodemon] starting 'node index.js'

Api esta funcionando super bien en 3001

Conexión establecida con la base: mongodb://127.0.0.1:27017/bd\_matriculasAcademia

```
{ 1 _id: new ObjectId("644ffabdecaa78a85907545f"), 2 baile: 'ROCK', 3 nombre: 'estiven', 4 edad: '27', 5 genero: 'no indica', 6 celular: '555555555', 7 createdAt: 2023-05-01T17:45:33.370Z, 8 updatedAt: 2023-05-01T18:03:49.648Z, 9 _v: 0 10 }
```

10:43 p.m. martes 2/05/2023

Visual Studio Code interface showing a REST client request and response. The request is a PUT to localhost:3001/api/users/644ffabdecaa78a85907545f. The response is 200 OK, Size: 268 Bytes, Time: 30 ms. The response body is a JSON object representing a user.

```
PUT localhost:3001/api/users/644ffabdecaa78a85907545f
```

Query Headers Auth Body Tests Pre Run

JSON Content

```
{ 1 { 2 "baile": "bale", 3 "nombre": "estiven", 4 "edad": "27", 5 "genero": "masculino", 6 "celular": "777777" 7 } 8 }
```

Response Headers Cookies Results Docs

```
1 { 2 "body": { 3 "_id": "644ffabdecaa78a85907545f", 4 "baile": "bale", 5 "nombre": "estiven", 6 "edad": "27", 7 "genero": "masculino", 8 "celular": "777777", 9 "createdAt": "2023-05-01T17:45:33.370Z", 10 "updatedAt": "2023-05-03T03:43:11.756Z", 11 "_v": 0 12 }, 13 "msg": "Registro actualizado correctamente,", 14 "ok": "si" 15 }
```

THUNDER CLIENT

New Request

Activity Collections Env

filter collections

testingApiNodePs

GET listarUsuarios 1 day ago

POST Agregar 1 day ago

DELETE eliminar 1 day ago

PUT Actualizar just now

PROBLEMAS SALIDA CONSOLA DE DEPURACIÓN TERMINAL

```
updatedAt: 2023-05-01T18:03:49.648Z, 1 _v: 0 2 } 3 { 4 _id: new ObjectId("644ffabdecaa78a85907545f"), 5 baile: 'tengo', 6 nombre: 'estiven', 7 edad: '27', 8 genero: 'masculino', 9 celular: '555555555', 10 createdAt: 2023-05-01T17:45:33.370Z, 11 updatedAt: 2023-05-03T03:42:33.047Z, 12 _v: 0 13 }
```

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Visual Studio Code interface showing a REST client request to `localhost:3001/api/users/644fb7aeca78a859075462` with a DELETE method. The response status is 404 Not Found. The response body is:

```
{
  "msg": "Registro no encontrado.",
  "ok": "SI"
}
```

The terminal shows the following output:

```
__V: 0
{
  _id: new ObjectId("644fb7aeca78a85907545f"),
  baile: 'tengo',
  nombre: 'estiven',
  edad: '27',
  genero: 'masculino',
  celular: 555555555,
  createdAt: 2023-05-01T17:45:33.370Z,
  updatedAt: 2023-05-03T03:42:33.047Z,
  __V: 0
}
null
```

Thunder Client sidebar shows a collection of requests: `listarUsuarios`, `Agregar`, `eliminar`, and `Actualizar`.

Visual Studio Code interface showing a REST client request to `localhost:3001/api/users/` with a POST method. The response status is 200 OK. The response body is:

```
{
  "body": {
    "baile": "bale",
    "nombre": "tatis",
    "edad": "9",
    "genero": "femenina",
    "celular": 333333333,
    "_id": "6451dabdcad310212605e452",
    "createdAt": "2023-05-03T03:53:33.373Z",
    "updatedAt": "2023-05-03T03:53:33.373Z",
    "__V": 0
  },
  "ok": "SI",
  "msg": "Registro creado correctamente."
}
```

The terminal shows the following output:

```
[nodemon] starting 'node index.js'
Api esta funcionando super bien en 3001 🥳
Conexión establecida con la base: mongodb://127.0.0.1:27017/bd_matriculasAcademia
SyntaxError: Expected ',', ' or '}' after property value in JSON at position 78
    at JSON.parse (anonymous)
    at parse (C:\Users\yulia\OneDrive\Escritorio\Matriculas\node_modules\body-parser\lib\types\json.js:89:19)
    at C:\Users\yulia\OneDrive\Escritorio\Matriculas\node_modules\body-parser\lib\read.js:128:18
    at AsyncResource.runInAsyncScope (node:async_hooks:286:9)
    at invokeCallback (C:\Users\yulia\OneDrive\Escritorio\Matriculas\node_modules\raw-body\index.js:231:16)
    at done (C:\Users\yulia\OneDrive\Escritorio\Matriculas\node_modules\raw-body\index.js:220:7)
    at IncomingMessage.onEnd (C:\Users\yulia\OneDrive\Escritorio\Matriculas\node_modules\raw-body\index.js:280:7)
    at IncomingMessage.emit (node:events:511:20)
    at endReadableNT (node:internal/stream/readable:1367:12)
    at process.processTicksAndRejections (node:internal/process/task_queues:82:21)
```

Thunder Client sidebar shows a collection of requests: `listarUsuarios`, `Agregar`, `eliminar`, and `Actualizar`.

Visual Studio Code interface showing a REST client request and response.

**Request:**

- Method: DELETE
- URL: localhost:3001/api/users/6451dabdcad310212605e452
- Body: JSON Content (Empty)

**Response:**

- Status: 404 Not Found
- Size: 43 Bytes
- Time: 12 ms
- Response Body:

```
{  "msg": "Registro no encontrado.",  "ok": "SI"}
```

**Terminal:**

```
at endReadableNT (node:internal/streams/readable:1367:12)
at process.processTicksAndRejections (node:internal/process/task_queues:82:21)
{
  _id: new ObjectId("6451dabdcad310212605e452"),
  balle: 'bale',
  nombre: 'tatis',
  edad: '9',
  genero: 'femenino',
  celular: 333333333,
  createdAt: 2023-05-03T03:53:33.373Z,
  updatedAt: 2023-05-03T03:53:33.373Z,
  __v: 0
}
null
```

**Thunder Client:**

- Activity
- Collections
- Env
- filter collections
- testingApiNodePs
  - GET listarUsuarios (1 day ago)
  - POST Agregar (just now)
  - DELETE eliminar (just now)
  - PUT Actualizar (just now)

Swagger UI

localhost:3001/documentation/

# MATRICULAS 1.0.0 QAS3

Servers

http://localhost:3000/api

## Users matriculas usuarios

- POST** /users Agregar nuevo usuario
- GET** /users Obtener todos los usuarios
- GET** /users/{id} Obtiene un usuario por su ID
- PUT** /users/{id} Actualizar usuario existente
- DELETE** /users/{id} Eliminar usuario existente

Swagger UI

localhost:3001/documentation/#/Users/post\_users

## Users matriculas usuarios

**POST** /users Agregar nuevo usuario

Parameters

No parameters

Request body **required**

application/json

Example Value | Schema

```
{  "nombre": "Andre",  "apellidos": "sanchez rodriguez",  "edad": 31,  "celular": "3105920829",  "deporte": "tango",  "genero": "binario"}
```

Responses

Swagger UI

localhost:3001/documentation/#/Users/get\_users

**GET** /users Obtener todos los usuarios

Try it out

**Parameters**

No parameters

**Responses**

Code	Description	Links
200	Lista de todos los usuarios	No links

Media type: application/json

Controls Accept header.

Example Value | Schema

```
{  "nombre": "Andre",  "apellidos": "sanchez rodriguez",  "edad": 31,  "celular": 3105920829,  "deporte": "tango",  "genero": "binario"}
```

Swagger UI

localhost:3001/documentation/#/Users/get\_users\_id\_

**Name** **Description**

**id** \* required  
string  
(path)

ID del usuario a consultar

id

**Responses**

Code	Description	Links
200	usuario encontrado exitosamente	No links
404	usuario con el ID especifico no fue encontrado	No links

Media type: application/json

Controls Accept header.

Example Value | Schema

```
{  "nombre": "Andre",  "apellidos": "sanchez rodriguez",  "edad": 31,  "celular": 3105920829,  "deporte": "tango",  "genero": "binario"}
```

Swagger UI

localhost:3001/documentation/#/Users/put\_users\_id\_

404

usuario con el ID específico no fue encontrado

No links

PUT /users/{id} Actualizar usuario existente

Try it out

Parameters

Name	Description
id * required	ID del usuario a actualizar
string	
(path)	

id

Request body required

application/json

Example Value | Schema

```
{  "nombre": "Andre",  "apellidos": "sanchez rodríguez",  "edad": 24,  "celular": 3105920829,  "deporte": "tango",  "genero": "binario"}
```

Responses

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