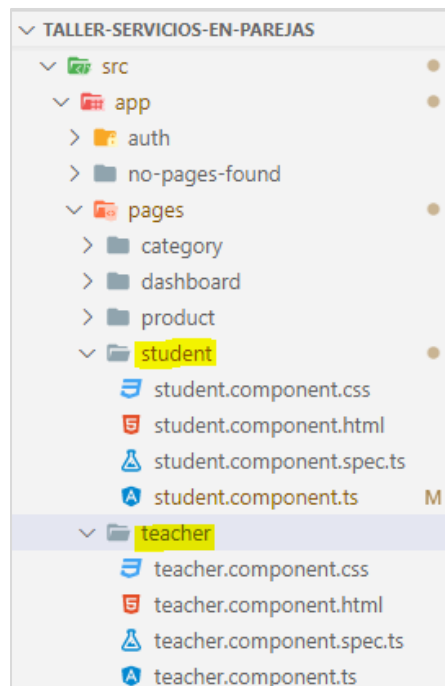


Carrera	Asignatura	Integrantes	Fecha de entrega
Tecnología superior en Desarrollo de Software	Programación Visual	Bladimir Chicaiza Roberto Huilco	14/06/2023
			Docente: Ing. Lorena Chulde

Tarea 2 P2: Servicios en parejas

En el proyecto de angular crear dos nuevos componentes para trabajar la práctica.

Se crearon los siguientes componentes:



Implementación de servicios desde el componente de student, para crear métodos y acceder a la API: <https://api.escuelajs.co/api/v1/users>

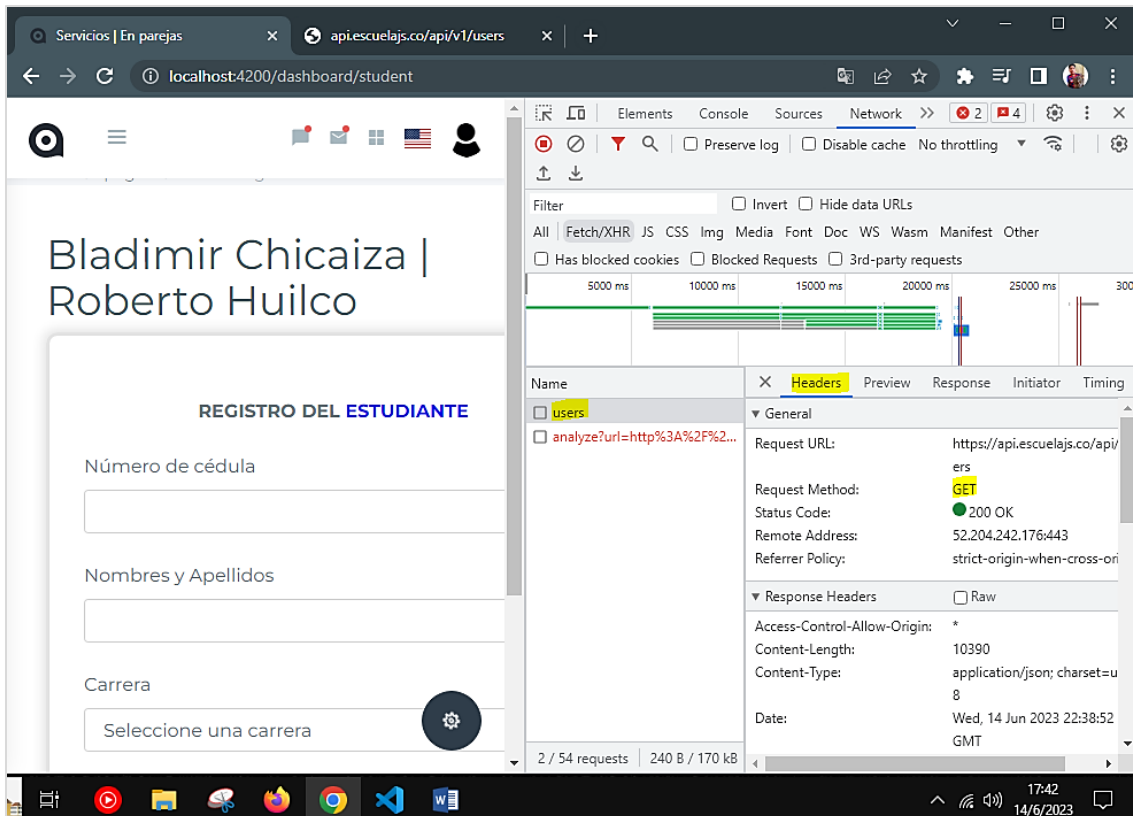
```

student.component.ts M x
src > app > pages > student > student.component.ts > StudentComponent > deleteStudent > url
1  import { Component } from '@angular/core';
2  import { HttpClient } from '@angular/common/http';
3
4  @Component({
5    selector: 'app-student',
6    templateUrl: './student.component.html',
7    styleUrls: ['./student.component.css']
8  })
9  export class StudentComponent {
10
11    // Inyección de dependencias, similar a intanciar un objeto
12    constructor(private httpClient: HttpClient) { }
13
14    // Método ngOnInit similar al constructor, se ejecuta despues del constructor
15    ngOnInit() {
16      this.getStudents();
17      // this.getStudent();
18      // this.createStudent();
19      // this.updateStudent();
20      // this.deleteStudent();
21    }
22  }

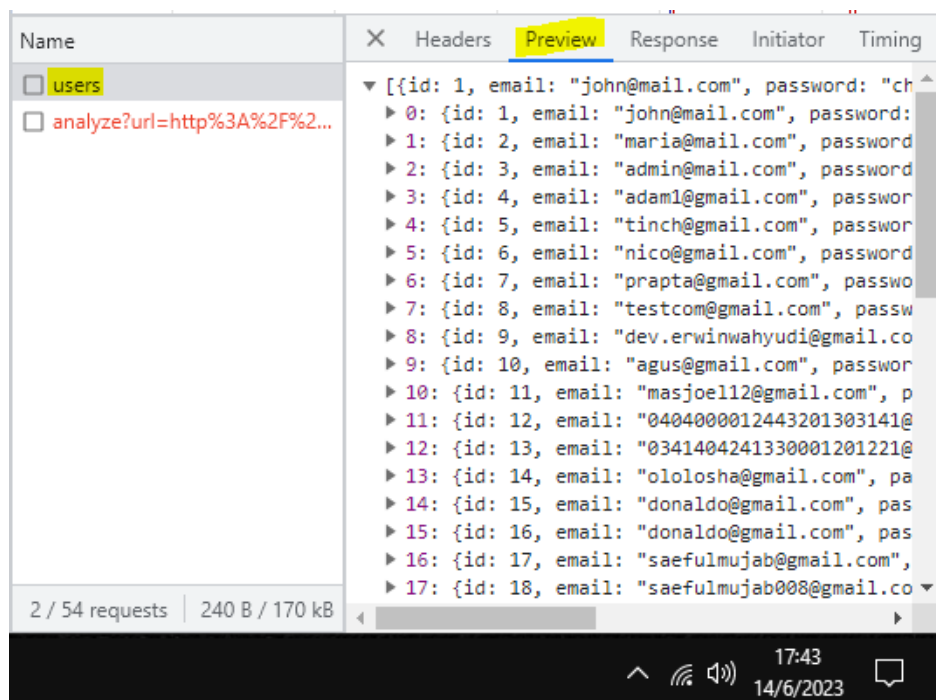
```

Método para obtener todos los users (students)

```
22 // Obtener todos los students
23 getStudents() {
24   // Petición del API y esperando una respuesta
25   // Para traer la data desde el backend
26   // Suscribe para promesas y observables
27   // Se recibe una petición y se asigna una respuesta
28   const url = 'https://api.escuelajs.co/api/v1/users';
29   this.httpClient.get(url).subscribe(
30     response => {
31       console.log(response);
32     });
33 }
```

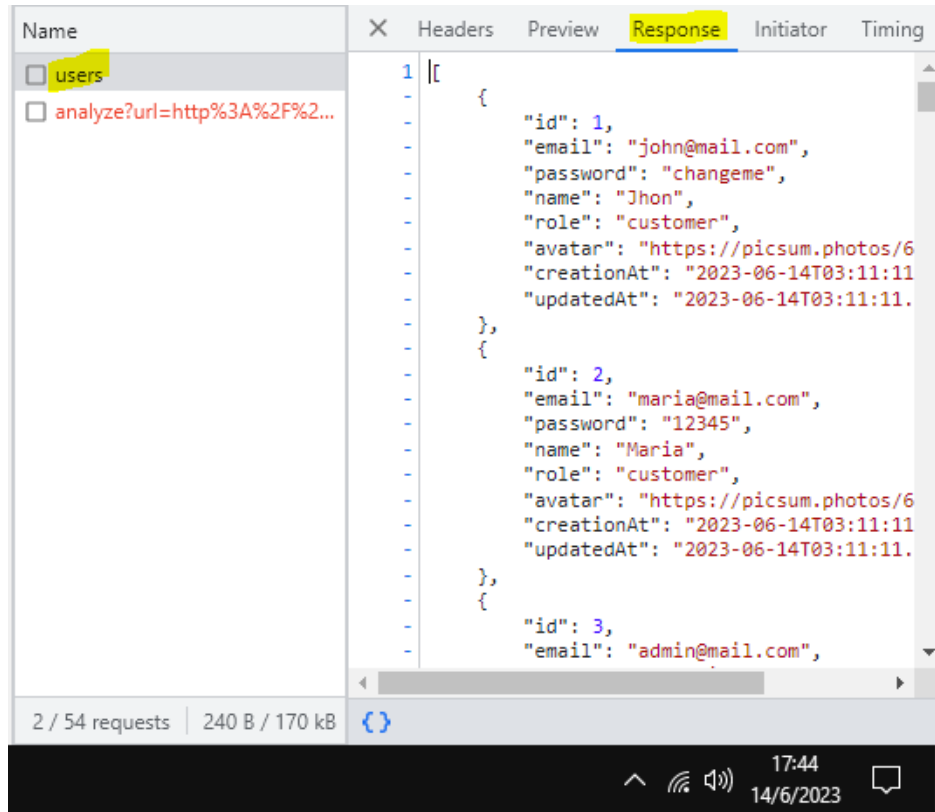


The screenshot shows a web browser at `localhost:4200/dashboard/student`. The page displays the name "Bladimir Chicaiza | Roberto Huilco" and a form titled "REGISTRO DEL ESTUDIANTE" with fields for "Número de cédula", "Nombres y Apellidos", and "Carrera". The Chrome DevTools Network tab is open, showing a GET request to `https://api.escuelajs.co/api/v1/users` with a status of 200 OK. The request headers and response headers are visible.



The screenshot shows the Chrome DevTools Network tab with the "Preview" tab selected. The response data is a JSON array of 18 user objects, each containing an id, email, and password. The first few objects are:

- `{id: 1, email: "john@mail.com", password: "ch"}`
- `{id: 2, email: "maria@mail.com", password: "1"}`
- `{id: 3, email: "admin@mail.com", password: "2"}`
- `{id: 4, email: "adam1@gmail.com", password: "3"}`
- `{id: 5, email: "tinch@gmail.com", password: "4"}`
- `{id: 6, email: "nico@gmail.com", password: "5"}`
- `{id: 7, email: "prapta@gmail.com", password: "6"}`
- `{id: 8, email: "testcom@gmail.com", password: "7"}`
- `{id: 9, email: "dev.erwinwahyudi@gmail.co", password: "8"}`
- `{id: 10, email: "agus@gmail.com", password: "9"}`
- `{id: 11, email: "masjoel12@gmail.com", password: "10"}`
- `{id: 12, email: "0404000012443201303141@", password: "11"}`
- `{id: 13, email: "0341404241330001201221@", password: "12"}`
- `{id: 14, email: "ololosha@gmail.com", password: "13"}`
- `{id: 15, email: "donaldo@gmail.com", password: "14"}`
- `{id: 16, email: "donaldo@gmail.com", password: "15"}`
- `{id: 17, email: "saefulmujab@gmail.com", password: "16"}`
- `{id: 18, email: "saefulmujab008@gmail.co", password: "17"}`

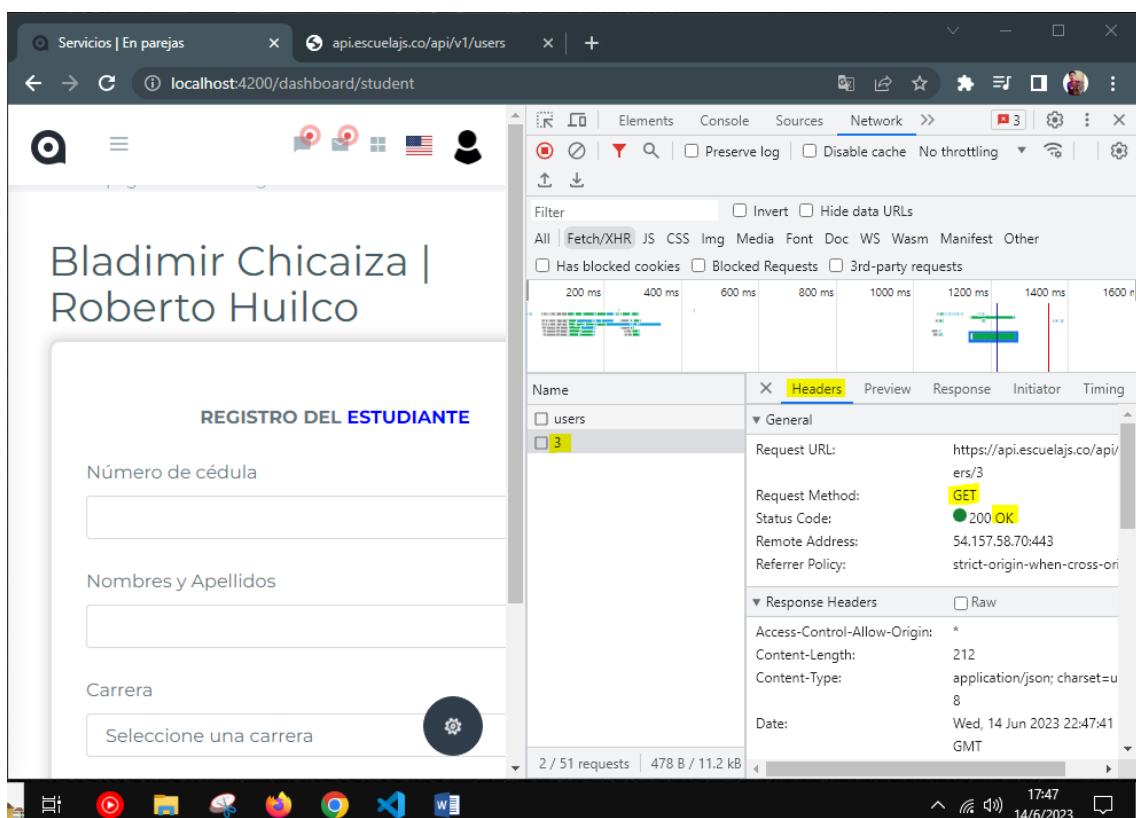


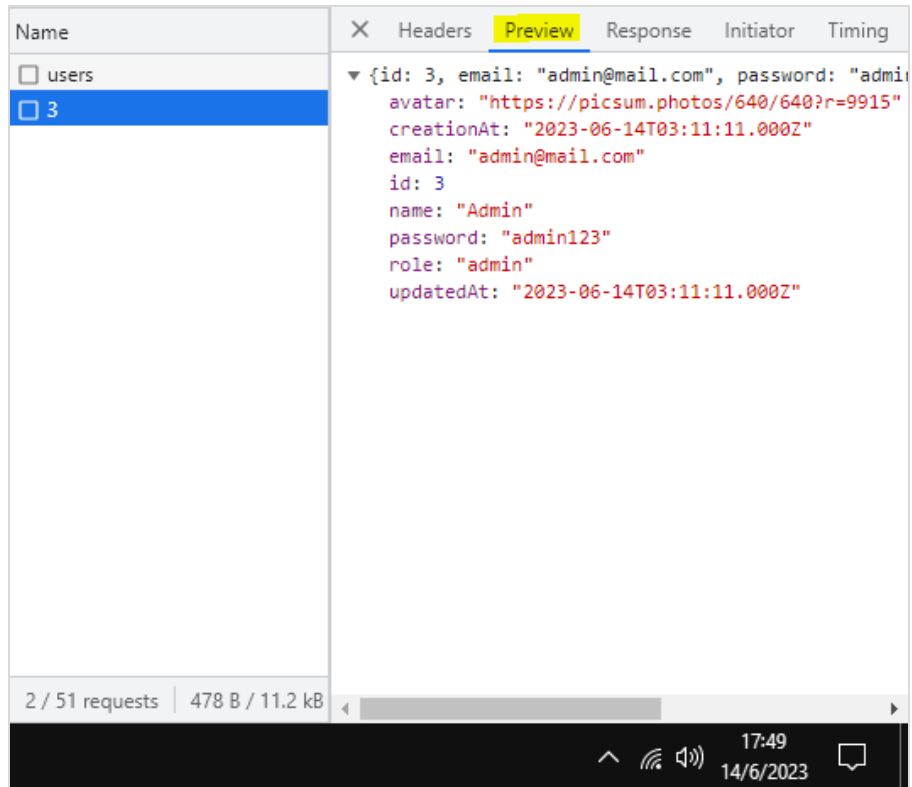
Método para obtener un student:

```

35 // Obtener un student
36 getStudent() {
37   const url = 'https://api.escuelajs.co/api/v1/users/3';
38   this.httpClient.get(url).subscribe(
39     response => {
40       console.log(response);
41     });
42 }

```

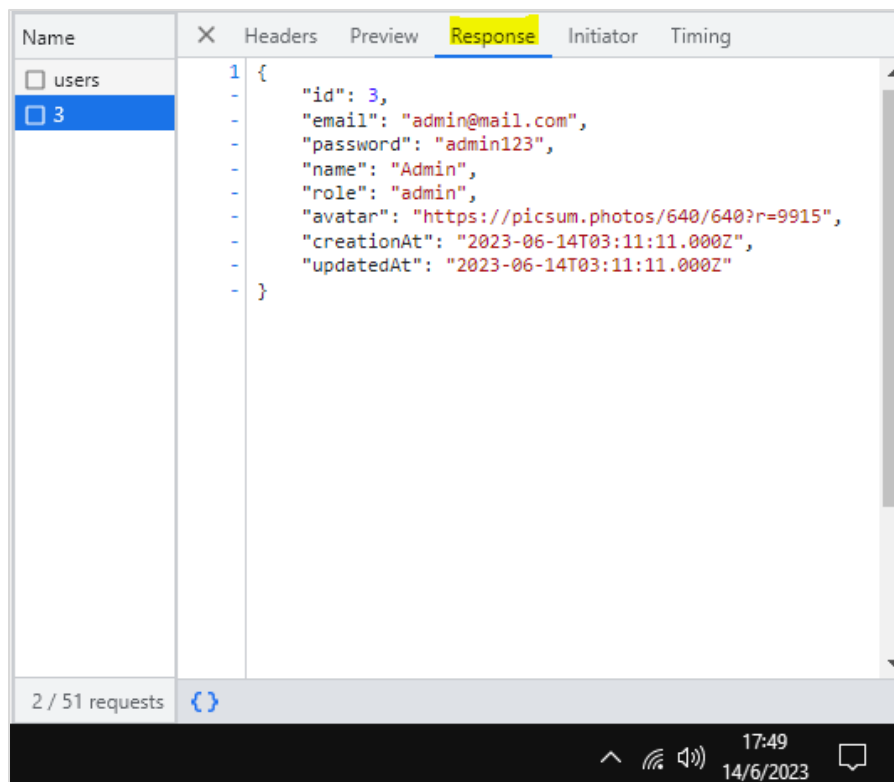




The screenshot shows a web browser's developer tools interface. The 'Preview' tab is selected, displaying the response of a REST client request. The response is a JSON object representing a user with the following details:

```
{id: 3, email: "admin@mail.com", password: "admin123", name: "Admin", role: "admin", createdAt: "2023-06-14T03:11:11.000Z", updatedAt: "2023-06-14T03:11:11.000Z", avatar: "https://picsum.photos/640/640?r=9915"}
```

The interface includes a list of requests on the left, with the selected request showing its details in the main pane. The status bar at the bottom indicates the time and date as 17:49 on 14/6/2023.



The screenshot shows a web browser's developer tools interface. The 'Response' tab is selected, displaying the response of a REST client request. The response is a JSON object representing a user with the following details:

```
{  
  "id": 3,  
  "email": "admin@mail.com",  
  "password": "admin123",  
  "name": "Admin",  
  "role": "admin",  
  "avatar": "https://picsum.photos/640/640?r=9915",  
  "createdAt": "2023-06-14T03:11:11.000Z",  
  "updatedAt": "2023-06-14T03:11:11.000Z"  
}
```

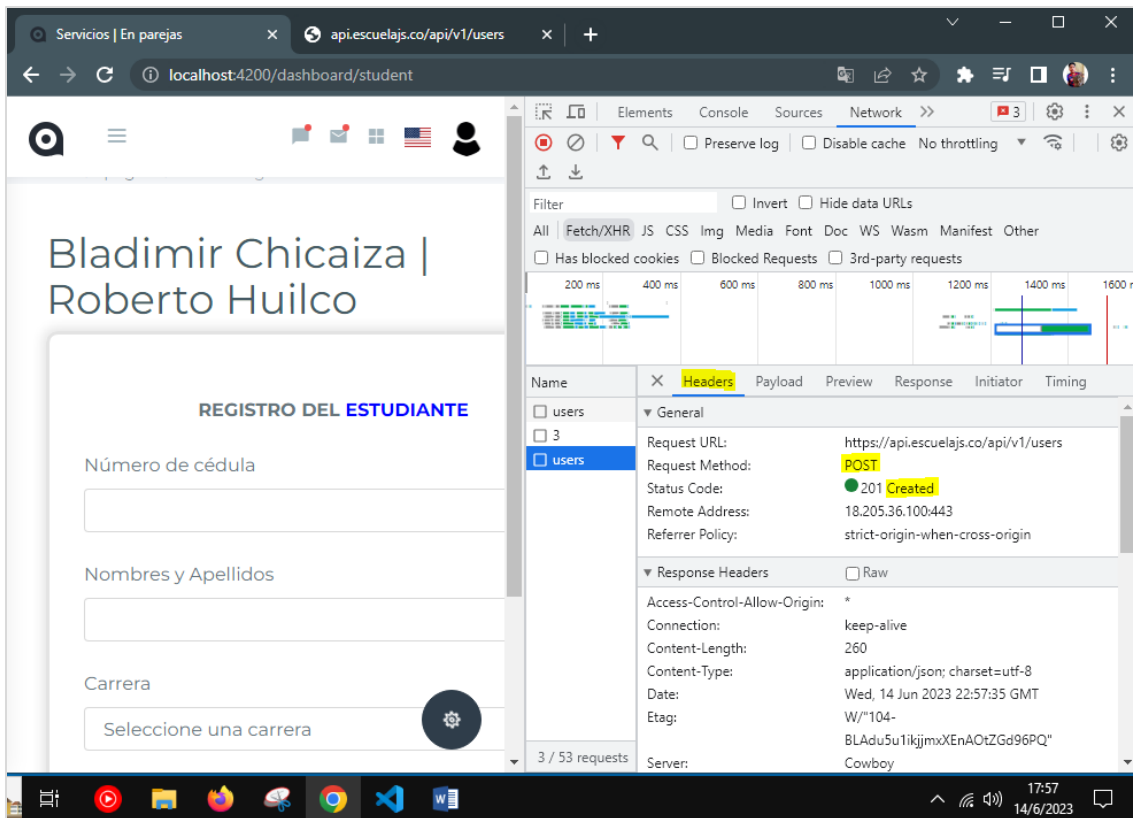
The interface includes a list of requests on the left, with the selected request showing its details in the main pane. The status bar at the bottom indicates the time and date as 17:49 on 14/6/2023.

```

44 // Crear nuevo student
45 createStudent() {
46   const data = {
47     email: "bag.chicaiza@yavirac.edu.ec",
48     name: "Roberto | Bladimir",
49     password: "Angular|Servicios",
50     role: "student",
51     avatar: "https://api.lorem.space/image/face?w=640&h=480"
52   }
53
54   const url = 'https://api.escuelajs.co/api/v1/users';
55   this.httpClient.post(url, data).subscribe(
56     response => {
57       console.log(response);
58     });
59 }

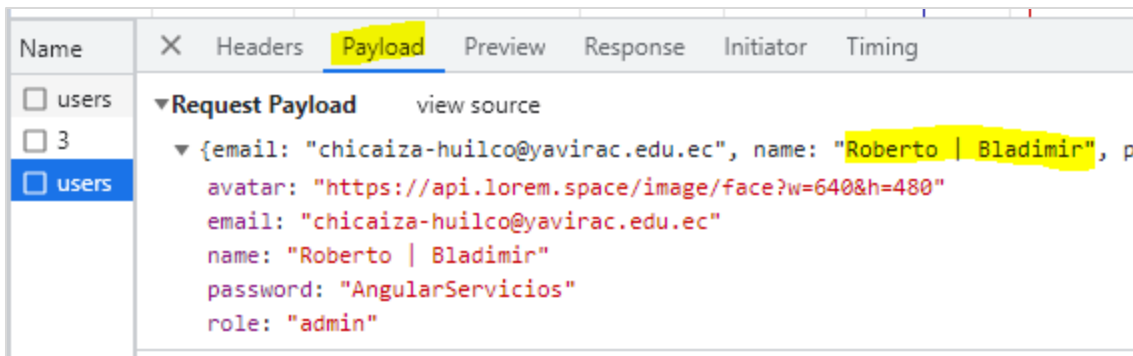
```

Resultado desde navegador:



The screenshot shows a web browser with the URL `localhost:4200/dashboard/student`. The page displays a student registration form titled "Bladimir Chicaiza | Roberto Huilco" and "REGISTRO DEL ESTUDIANTE". The form includes fields for "Número de cédula", "Nombres y Apellidos", and "Carrera". The "Carrera" field has a dropdown menu with the option "Seleccione una carrera".

The Chrome DevTools Network tab is open, showing a list of requests. The selected request is a POST to `https://api.escuelajs.co/api/v1/users` with a status code of 201 (Created). The request headers are visible, including `Access-Control-Allow-Origin: *`, `Connection: keep-alive`, `Content-Length: 260`, `Content-Type: application/json; charset=utf-8`, `Date: Wed, 14 Jun 2023 22:57:35 GMT`, `Etag: W/"104-BLAdu5u1ikjmxXEnAOtZGd96PQ"`, and `Server: Cowboy`.



The screenshot shows the Chrome DevTools Network tab with the "Payload" tab selected. The request payload is visible, showing a JSON object with the following fields:

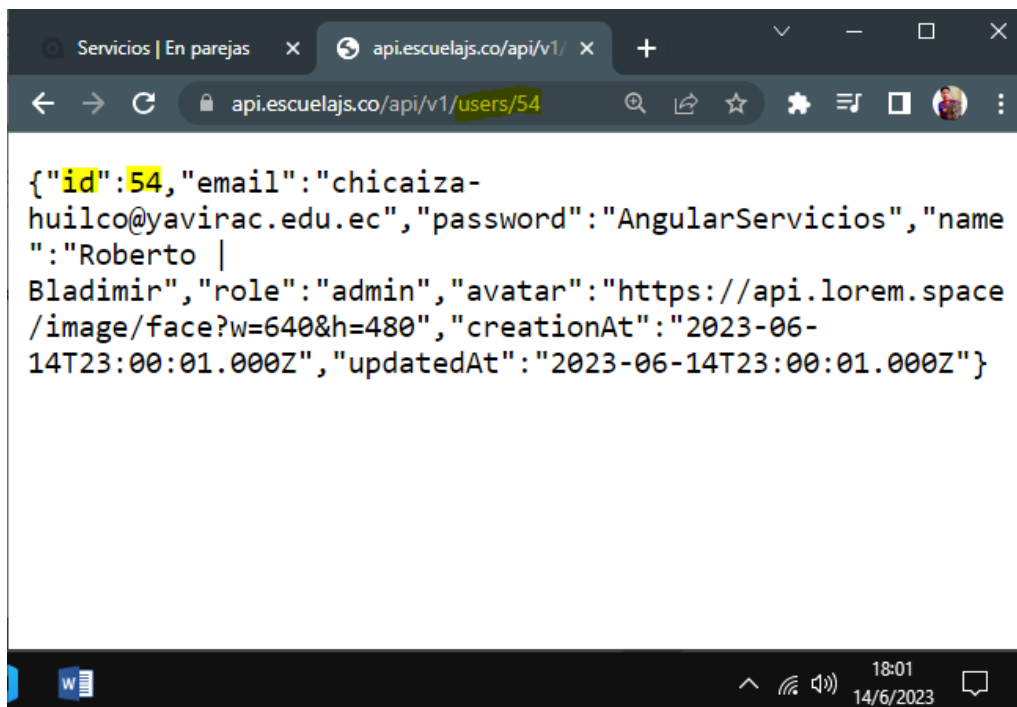
```

{
  email: "chicaiza-huilco@yavirac.edu.ec",
  name: "Roberto | Bladimir",
  avatar: "https://api.lorem.space/image/face?w=640&h=480",
  email: "chicaiza-huilco@yavirac.edu.ec",
  name: "Roberto | Bladimir",
  password: "AngularServicios",
  role: "admin"
}

```

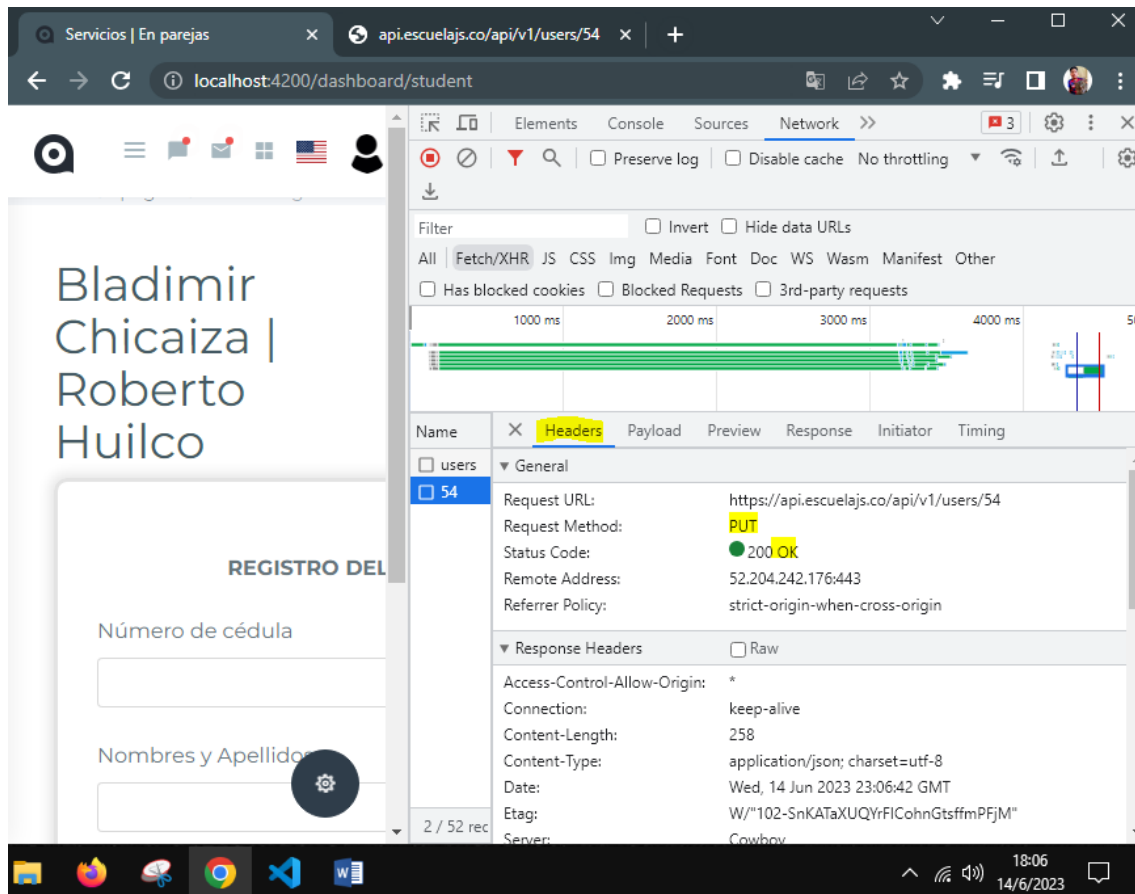
Name	X	Headers	Payload	Preview	Response	Initiator	Timing
<input type="checkbox"/> users	1				{		
<input type="checkbox"/> 3					"email": "chicaiza-huilco@yavirac.edu.ec",		
<input type="checkbox"/> users					"password": "AngularServicios",		
					"name": "Roberto Bladimir",		
					"role": "admin",		
					"avatar": "https://api.lorem.space/image/face?w=640&h=480",		
					"id": 54,		
					"creationAt": "2023-06-14T23:00:01.000Z",		
					"updatedAt": "2023-06-14T23:00:01.000Z"		
					}		

Para el student creado se asignó automáticamente el id 54.

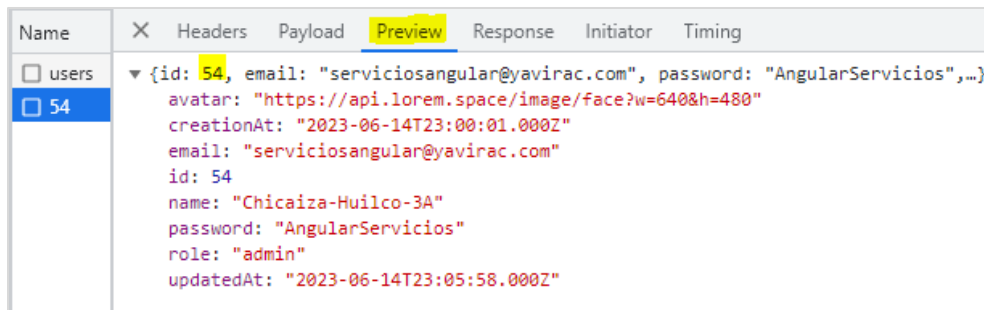


Método PUT - Actualizar Student

```
61 // Actualizar student
62 updateStudent() {
63   const data = {
64     email: "serviciosangular@yavirac.com",
65     name: "Chicaiza-Huilco-3A",
66   }
67
68   const url = 'https://api.escuelajs.co/api/v1/users/54';
69   this.httpClient.put(url, data).subscribe(
70     response => {
71       console.log(response);
72     }
73   );
74 }
```

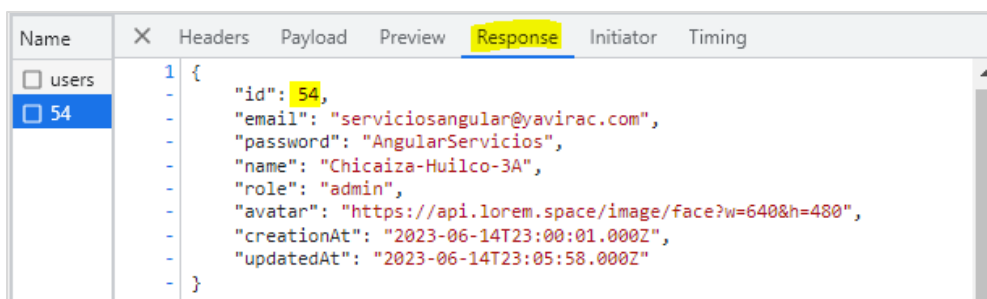


The screenshot shows a web browser with the URL `localhost:4200/dashboard/student`. The page displays the name "Bladimir Chicaiza | Roberto Huilco" and a section titled "REGISTRO DEL". Below this, there are input fields for "Número de cédula" and "Nombres y Apellido". The browser's developer tools are open, showing a network request to `https://api.escuelajs.co/api/v1/users/54` with a status of 200 OK. The request headers are visible, including "Request URL", "Request Method", "Status Code", "Remote Address", and "Referrer Policy".



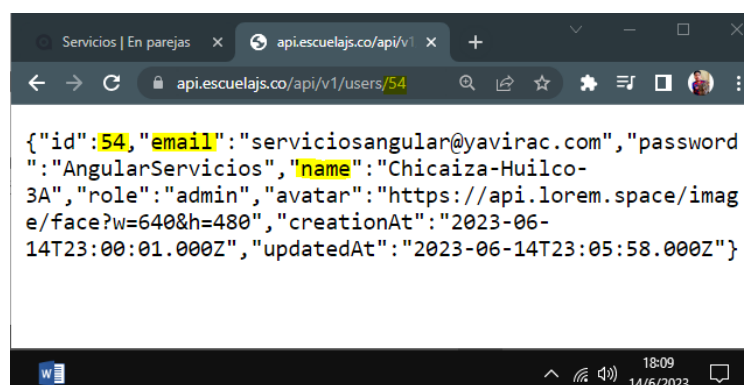
The screenshot shows the "Preview" tab of the network request. The data is displayed as a JSON object:

```
{id: 54, email: "serviciosangular@yavirac.com", password: "AngularServicios", ...}
avatar: "https://api.lorem.space/image/face?w=640&h=480"
creationAt: "2023-06-14T23:00:01.000Z"
email: "serviciosangular@yavirac.com"
id: 54
name: "Chicaiza-Huilco-3A"
password: "AngularServicios"
role: "admin"
updatedAt: "2023-06-14T23:05:58.000Z"
```



The screenshot shows the "Response" tab of the network request. The data is displayed as a JSON object:

```
{
  "id": 54,
  "email": "serviciosangular@yavirac.com",
  "password": "AngularServicios",
  "name": "Chicaiza-Huilco-3A",
  "role": "admin",
  "avatar": "https://api.lorem.space/image/face?w=640&h=480",
  "creationAt": "2023-06-14T23:00:01.000Z",
  "updatedAt": "2023-06-14T23:05:58.000Z"
}
```



The screenshot shows the browser console with the following JSON response:

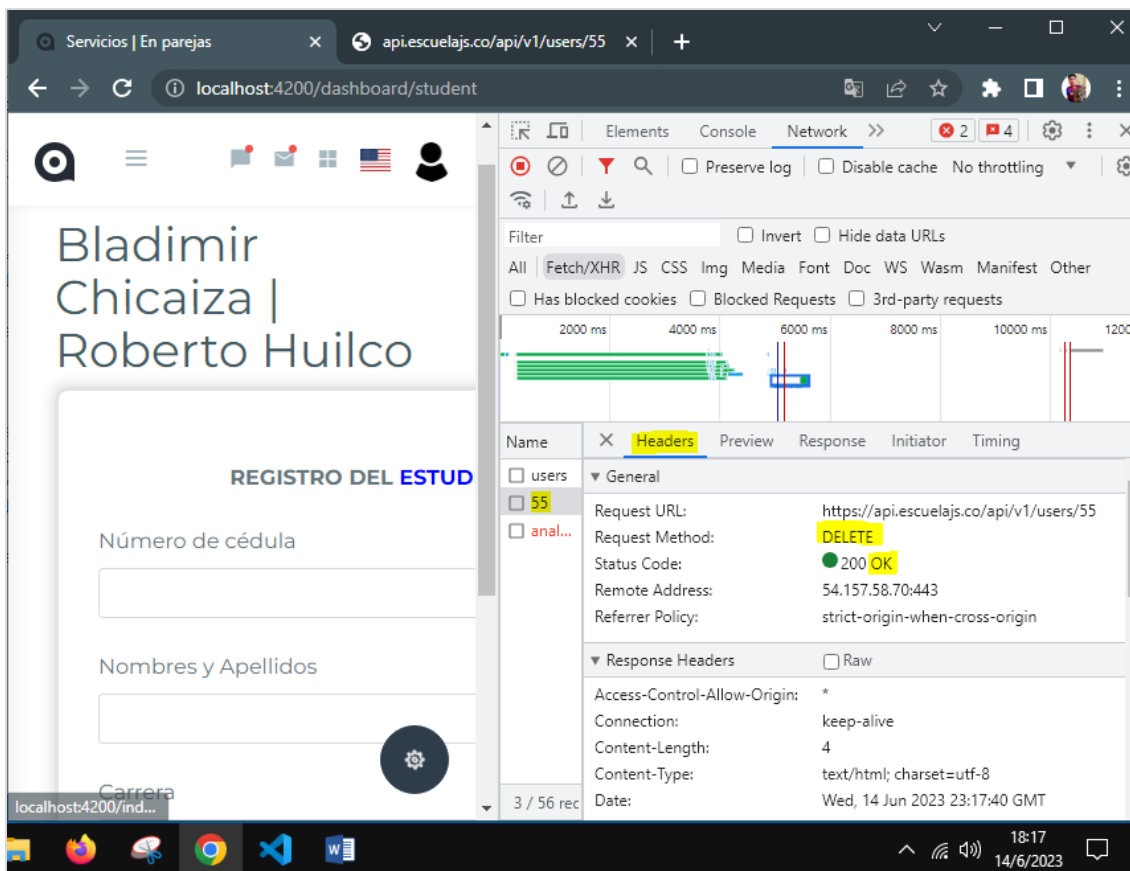
```
{ "id": 54, "email": "serviciosangular@yavirac.com", "password": "AngularServicios", "name": "Chicaiza-Huilco-3A", "role": "admin", "avatar": "https://api.lorem.space/image/face?w=640&h=480", "creationAt": "2023-06-14T23:00:01.000Z", "updatedAt": "2023-06-14T23:05:58.000Z" }
```

Método DELETE – Eliminar student:

```

75 // Eliminar student
76 deleteStudent() {
77   const url = 'https://api.escuelajs.co/api/v1/users/55';
78   this.httpClient.delete(url).subscribe(
79     response => {
80       console.log(response);
81     });
82 }

```

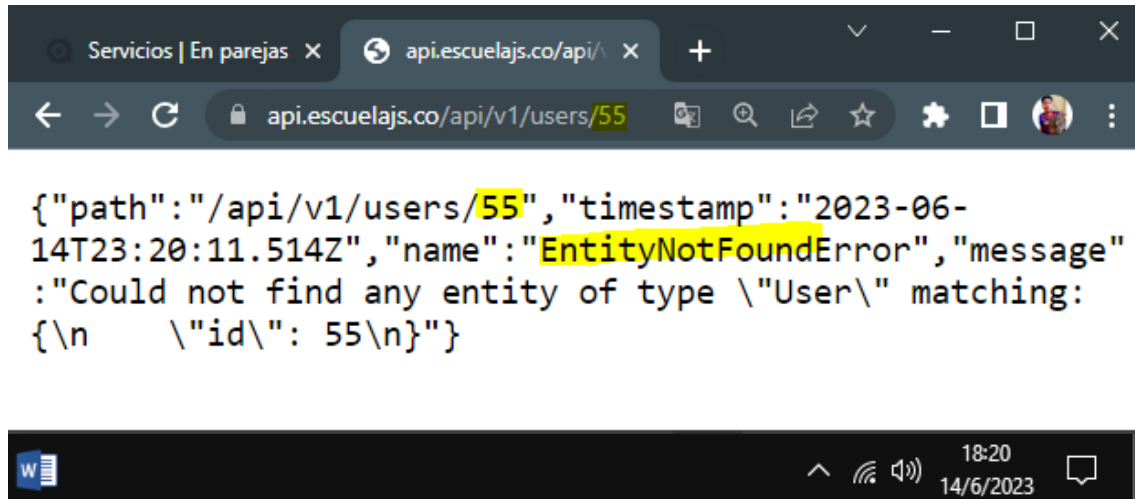


The screenshot shows a web browser at `localhost:4200/dashboard/student`. The page displays a student profile for "Bladimir Chicaiza | Roberto Huilco" with a "REGISTRO DEL ESTUD" section containing input fields for "Número de cédula" and "Nombres y Apellidos". The browser's developer tools are open to the Network tab, showing a DELETE request to `https://api.escuelajs.co/api/v1/users/55` with a status code of 200 OK.

Name	X	Headers	Preview	Response	Initiator	Timing
<input type="checkbox"/> users						
<input checked="" type="checkbox"/> 55			true			

Name	X	Headers	Preview	Response	Initiator	Timing
<input type="checkbox"/> users						
<input checked="" type="checkbox"/> 55			1	true		

Si comprobamos desde el API:



Código fuente

URL: <https://github.com/Bl4dimir98/Taller-Servicios-en-parejas.git>