

Universidad Laica Eloy Alfaro de Manabí

Facultad de ciencias de la vida y tecnología.

Tecnologías de la información

Tema:

"Practica #4"

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Evidencia:

Ilustración 1 Modelo para obtener el get de la estructuración de mis compañeros

```
import { Request, Response } from 'express';
import httpClient from '../services/httpClient';

export const getAlumnos = async (req: Request, res: Response) => {

try {

const data = await httpClient.get() http://10.42.4.44:3000/api/alumnos');

res.status(200).json(data);
} catch (error) {

res.status(500).json({ message: 'Error fetching alumnos data' });
};

};

};

}
```

Evidencia del uso compartido de datos de otro gestor de un compañero con el tema de estudiantes con axios:

Ilustración 2 Estructura del HttpClient usando Axios

```
import axios, { AxiosInstance, AxiosRequestConfig, AxiosResponse } from 'axios
import axios, { AxiosInstance, AxiosRequestConfig, AxiosResponse } from 'axios

class HttpClient {
    private client: AxiosInstance;
    constructor(baseURL: string) {
        this.client = axios.create({ baseURL });
    }

    public async get<T>(url: string, config?: AxiosRequestConfig): Promise<Axios
        return this.client.get<T>(url, config);
    }

    public async post<T>(url: string, data?: any, config?: AxiosRequestConfig):
        return this.client.put<T>(url, data, config);
    }

    public async delete<T>(url: string, config?: AxiosRequestConfig): Promise<Axior return this.client.delete<T>(url, config);
    }

    const httpClient = new HttpClient('http://localhost:3000');

    **port default httpClient;
```

Ilustración 3 Resultado final de la peticion de mi compañero con axios

```
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O Odoo Learn ☐ Universidad ULEAM ☐ Bootstrap- ☐ ▼ VALUS ☐ Online Java Compiler ▼ AULA VIRTUAL - ES... >   ☐ Otros
                                                 "estado": "Activo",
    "id": "6633b3cae9d849f74b5671f1",
    "id": 1,
    "nonbre": "Juan Perez",
    "identificacion": "123456",
    "_v': 0
    12
| 3 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ...
                             1.
                                                 "estado": "Activo",
"id': "6633b3cae9d849f74b5671f2",
"id": 2,
"nombre": "Maria Lopez",
"identificacion": "654321",
"_v': 0
                             1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       app.use('/corredores', corredorRoutes);
app.use('/carreras', carreraRoutes);
app.use('follows', followRoutes);
app.use('/alumnos', alumnosRoutes); // Registrar la n
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1
                                                1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         @p.listen(port, () => {
    console.log(`Server is running at http://localhosts.sport);
}
                                                 "estado": "Activo",
"id": 6,33b3cae9d849f74b5671f6",
"Id": 6,53b3cae9d849f74b5671f6",
"nombre: "Carlos Jimenez",
"identificacion": "654987",
"_v": 0
                                                 ▶ Node
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       nombre: 'Juan',
identificacion: '1234566',
entorno: '6655f857641805a834415513',
estado: 'Activo',
__v: 0
                                                 "estado": "Activo",
".id': "6633b3cae9d849f74b5671f8",
"id': 8,
"nombre: "Andres Perez",
"identificacion": "654789",
"_v': 0
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"id": "6633b3cae96849f74b5671f9",
"Id": 9
"nombre": "Jorge Jimenez",
"identificacion": "987456",
"___v": 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  18: 18,
nombre: 'Juan',
identificacion: '1234566',
entorno: '6655f8d88299db99d853a45e',
extado: 'Activo',
                                                "estado": "Activo",
".id": "6633b3cae9d849f74b5671fa",
"3d': 10,
"nombre": "Marta Rodriguez",
"identificacion": "456123",
__v: 0
                               }.
                                                 "estado": "Activo",
" id": "6633b3cae9d849f74b5671f3",
"Id": 3,
```

Uso del superagent en ves axios:

Ilustración 4 Estructura del HttpClient con Superagent

```
const superagent = grquire('superagent');

const get = async (url: string, params: any = ()) -> {

try {

const response = await superagent.get(url).query(params);

return response.body;

const post = async (url: string, data: any) -> {

try {

const post = async (url: string, data: any) -> {

try {

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try {

const post = async (url: string) -> {

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const del = async (url: string) -> {

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const del = async (url: stri
```

llustración 5 resultado final de con el cambio de axios a superagent al realizar la peticion

