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PROTECCION DE RUTAS

Middleware

```
BackEnd > src > middleware > JS auth.controller.js > [0] auth
1  const { sequelize } = require("../connection");
2  const jwt = require("jsonwebtoken");
3
4  const auth = async function (req, res, next) {
5    if (!req.headers.authorization) {
6      res.json({
7        success: false,
8        error: "No authorization header",
9      });
10     return;
11   } else {
12     let token = req.headers.authorization;
13
14     const userDB = await sequelize.query(
15       "SELECT * FROM users WHERE token = '" + token + "'"
16     );
17     let user = null;
18
19     if (userDB.length > 0 && userDB[0].length > 0) {
20       user = userDB[0][0];
21
22       console.log("Token del usuario: ", user);
23
24       res.locals.userId = user.id;
25
26       next();
27     } else {
28       res.json({
29         success: false,
30         error: "Token inválido",
31       });
32     }
33   }
}
```

User

```
$ app-routing.module.ts TS edit-topic.page.ts TS list-topic.page.ts TS home.page.ts <> list-t
BackEnd > src > route > users > JS users.route.js > <unknown> > exports
1  const userController = require("../controller/users/users.controller");
2  const Middleware = require("../middleware/auth.controller");
3
4  module.exports = function(app) {
5
6     app.get("/users/list",Middleware.auth, userController.listar);
7     app.get("/users/:id", Middleware.auth,userController.consultarPorCodigo);
8     app.post("/users/update",Middleware.auth, userController.actualizar);
9     app.delete("/users/delete/:id",Middleware.auth, userController.eliminar);
10    app.post("/users/login/", userController.login);
11    app.post("/users/logout/",Middleware.auth, userController.logout);
12  }
```

Topics

```
Backend > src > route > topics > JS topics.route.js > <unknown> > exports
1  const Middleware = require('../../middleware/auth.controller');
2  const topicsController = require('../../controller/topics/topics.controller');
3  module.exports = function(app) {
4
5      app.get("/topics/list",Middleware.auth, topicsController.listar);
6      app.post("/topics/update",Middleware.auth, topicsController.actualizar);
7      app.delete("/topics/delete/:id",Middleware.auth, topicsController.eliminar);
8      app.get("/topics/:id",Middleware.auth, topicsController.consultarPorCodigo);
9  }
```

LOGIN Y LOGOUT IMPLEMENTADO EN BACKEND:

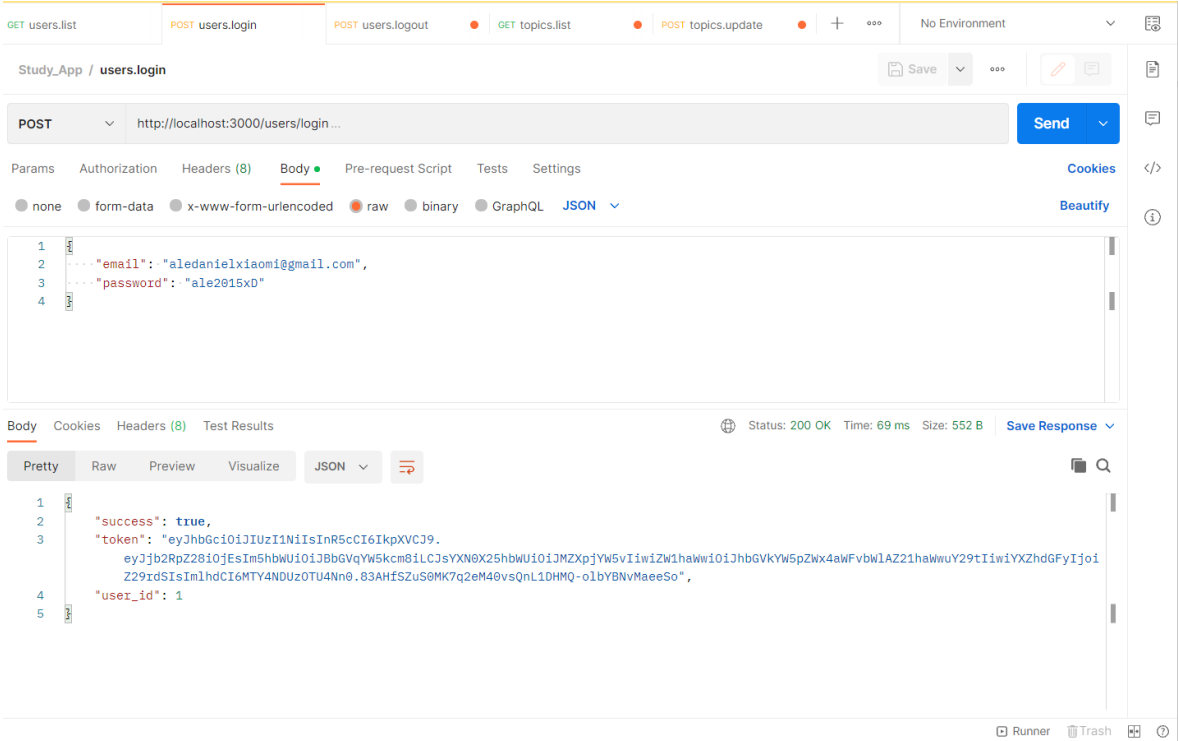
```
const login = async function( req, res) {
  console.log ("login usuarios");
  try {
    // Buscar en la base de datos el usuario con el correo electrónico y contraseña
    const usersDB = await sequelize.query("SELECT * FROM users WHERE email = '"+ req.body.email + "' AND password = '"+ req.body.password + "'");
    console.log ('users',usersDB);
    let user = null;
    // Verificar si se encontraron resultados en la consulta a la base de datos y asignar el primer resultado
    if (usersDB.length > 0 && usersDB[0].length > 0) {
      user = usersDB[0][0];
      // Asignar el primer registro encontrado a la variable "user"
      if(user.token){
        res.json({
          success: false,
          error: 'usuario ya autenticado'
        });
      }
      let token= jwt.sign({
        codigo: user.id,
        name: user.name,
        last_name: user.last_name,
        email:user.email,
        avatar: user.avatar
      },'passwd');
      const usersDBUpdate = await sequelize.query("UPDATE users set token= '"+ token + "' WHERE id = "+user.id)
      //si encuentra eucauto en la baco de datos ce mostrara true v eusuario.
      res.json({
        success: true,
        token:token,
        user_id: user.id
      });
    } else{
      res.json({
        success: false,
        error: 'usuario no encontrado'
      });
    }
  }
  // Si no se encuentra el usuario en la base de datos,
```

```

137     } catch (error) {
138         // Si ocurre un error, devolver
139         console.log(error);
140         res.json({
141             success: false,
142             error: error.message
143         });
144     }
145 }
146 };
147 const logout = async function( req, res) {
148
149     try {
150         const userDb= await sequelize.query("UPDATE users set token=null where id= " +res.locals.userId+ "");
151         res.json({
152             success:true
153         })
154     } catch (error) {
155         res.json({
156             success:false,
157             error: error.message
158         })
159     }
160 }
161 };
162 module.exports = {
163     listar, actualizar, eliminar,consultarPorCodigo,login,logout
164 };

```

LOGIN Y LOGOUT EN POSTMAN



OST users.login

POST users.logout

+

...

No Environment

Study_App / users.logout

Save

POST

http://localhost:3000/users/logout

Send

Params

Authorization

Headers (8)

Body

Pre-request Script

Tests

Settings

Cookies

Headers

7 hidden

	KEY	VALUE	DESCRIPTION		Bulk Edit	Presets
<input checked="" type="checkbox"/>	Authorization	eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJjb2RpZ28iOiE...				
	Key	Value	Description			

body

Cookies

Headers (8)

Test Results

Status: 200 OK

Time: 173 ms

Size: 283 B

Save Response

Pretty

Raw

Preview

Visualize

JSON

1

2

3

"success": true


Runner


Trash


LOGIN FRONT FUNCIONAL

< Inbox

ALEJANDRO LEZCANO
LOGIN


 Email Email


Contraseña Contraseña 



< Inbox

ALEJANDRO LEZCANO
LOGIN

 Email aledanielxiaomi@gmail.com

Contraseña ale2015xD 



TOPICS EN POSTMAN CON AUTHORIZACION

Listar

POST users.login

POST users.logout

GET topics.list

+ ...

No Environment

Study_App / topics.list

GET

http://localhost:3000/topics/list

Send

Params

Authorization

Headers (7)

Body

Pre-request Script

Tests

Settings

Cookies

</>

Headers

6 hidden

	KEY	VALUE	DESCRIPTION	...	Bulk Edit	Presets
<input checked="" type="checkbox"/>	Authorization	eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJjb2RpZ28iOiJl...				
	Key	Value	Description			

Body

Cookies

Headers (8)

Test Results

Status: 200 OK

Time: 62 ms

Size: 629 B

Save Response

Pretty

Raw

Preview

Visualize

JSON

...

...

```
4      {
5        "id": 1,
6        "create_date": "2023-05-19T04:00:00.000Z",
7        "name": "Matematica",
8        "topic_id": null,
9        "order": 1,
10       "priority": 1,
11       "color": "#54f000",
12       "owner_user_id": 1,
13       "owner": "Alejandro"
14     },
15     ]
16   }
```

Runner

Trash

...

Buscar

POST users.login

POST users.logout

GET topics.list

GET topics.search.code

+ ...

No Environment

Study_App / topics.search.code

GET

http://localhost:3000/topics/1

Send

Params

Authorization

Headers (7)

Body

Pre-request Script

Tests

Settings

Cookies

</>

Headers

6 hidden

	KEY	VALUE	DESCRIPTION	...	Bulk Edit	Presets
<input checked="" type="checkbox"/>	Authorization	eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJjb2RpZ28iOiJl...				
	Key	Value	Description			

Body

Cookies

Headers (8)

Test Results

Status: 200 OK

Time: 16 ms

Size: 438 B

Save Response

Pretty

Raw

Preview

Visualize

JSON

...

...

```
1  {
2    "success": true,
3    "topics": {
4      "id": 1,
5      "create_date": "2023-05-19T04:00:00.000Z",
6      "name": "Matematica",
7      "topic_id": null,
8      "order": 1,
9      "priority": 1,
10     "color": "#54f000",
11     "owner_user_id": 1
12   }
13 }
```

Runner

Trash

...

Crear

Study_App / topics.update

POST http://localhost:3000/topics/update

Params Authorization Headers (9) Body Pre-request Script Tests Settings

none form-data x-www-form-urlencoded raw binary GraphQL JSON

```
1 {
2   "id": null,
3   "create_date": "2023-03-17",
4   "name": "LENGUAJE 5",
5   "topic_id": null,
6   "order": 1,
7   "priority": 1,
8   "color": "#53563",
9   "owner_user_id": 1
}
```

Body Cookies Headers (8) Test Results

Status: 200 OK Time: 65 ms Size: 437 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "success": true,
3   "topics": {
4     "id": 7,
5     "create_date": "2023-03-17T03:00:00.000Z",
6     "name": "LENGUAJE 5",
7     "topic_id": null,
8     "order": 1,
9     "priority": 1,
10    "color": "#53563",
11    "owner_user_id": 1
12  }
}
```

Actualizar

Study_App / topics.update

POST http://localhost:3000/topics/update

Params Authorization Headers (9) Body Pre-request Script Tests Settings

none form-data x-www-form-urlencoded raw binary GraphQL JSON

```
1 {
2   "id": 5,
3   "create_date": "2023-03-17",
4   "name": "LENGUAJE 5",
5   "topic_id": null,
6   "order": 2,
7   "priority": 1,
8   "color": "#53563",
9   "owner_user_id": 1
}
```

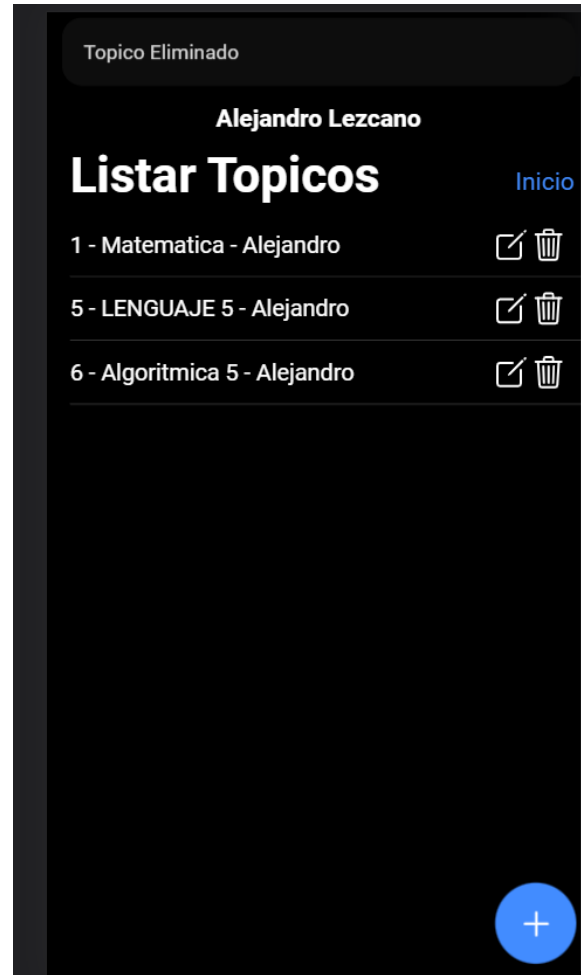
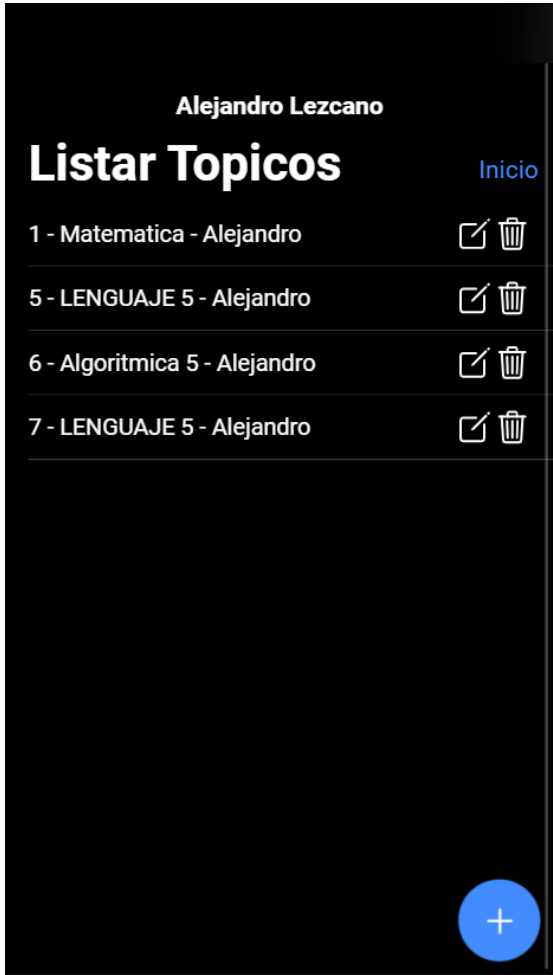
Body Cookies Headers (8) Test Results

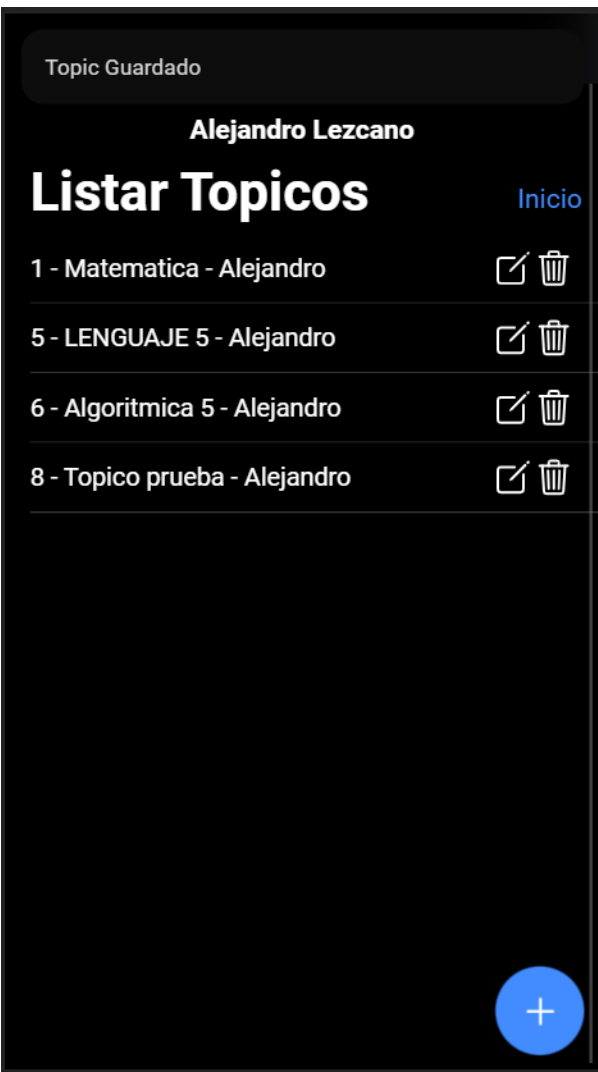
Status: 200 OK Time: 69 ms Size: 437 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "success": true,
3   "topics": {
4     "id": 5,
5     "create_date": "2023-03-17T03:00:00.000Z",
6     "name": "LENGUAJE 5",
7     "topic_id": null,
8     "order": 2,
9     "priority": 1,
10    "color": "#53563",
11    "owner_user_id": 1
12  }
}
```

TOPICOS FRONT END





Topic Guardado

Alejandro Lezcano

Listar Topics

[Inicio](#)

1 - Matematica - Alejandro



5 - LENGUAJE 5 - Alejandro



6 - Algoritmica 5 - Alejandro



8 - Topico prueba Editado - Alejandro

