Challenge 8

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Authentication and Authorization

We have implemented most of the features in the requirements document. One thing that is remaining is adding authentication and authorization.

Use Auth0 to add authentication and authorization to our application. I've covered Auth0 in my advanced Angular course:

[Build Enterprise Applications with Angular](#)

Here are the requirements you need to implement:

- Anonymous users should be able to view vehicles only. The buttons/links to add, edit and delete a vehicle should be hidden. The corresponding routes and API endpoints should not be accessible to anonymous users.

- We want to temporarily allow users to sign up and login. We refer to these users as moderators. In a real-world scenario, sign up would be closed and users will be managed on Auth0 by an admin. For the purpose of this project, don't worry about this. So, allow users to sign up and become a moderator. Moderatos can create, update and delete vehicles.

- Add a new page for admins and call it "Dashboard". Only users with the admin role should be able to access to this page. In Auth0, you need to manually assign a user to the admin role. Use Application Metadata for that.

This is probably the most complicated challenge in this course. So, if you can't complete it, don't get disappointed. This is mainly because you're probably unfamiliar with Auth0. Do your best to complete the challenge and wait for my solution next week.

What matters the most is that you **go through the thinking process**, not completing the challenge.