

Node.js code assessment

We have been asked to develop an application that manages some information regarding insurance policies and company clients. To do that, there are two services that provide all the data needed:

- The list of company clients can be found at: <http://www.mocky.io/v2/5808862710000087232b75ac>
- The list of company policies can be found at: <http://www.mocky.io/v2/580891a4100000e8242b75c5>

With this information, we need to create a Web API that exposes the following services with their inherent restrictions:

- Get user data filtered by user id -> Can be accessed by users with role "users" and "admin"
- Get user data filtered by user name -> Can be accessed by users with role "users" and "admin"
- Get the list of policies linked to a user name -> Can be accessed by users with role "admin"
- Get the user linked to a policy number -> Can be accessed by users with role "admin"

Constraints

- Think about licenses of 3d party libraries (if needed)
- Authentication and authorization. Take the user role from the web service that returns the list of company clients

Additional details

As our stakeholders can be very fuzzy sometimes, here are some tips of what are we looking for:

- Usage of last technologies
- Solution properly structured
- Usage of patterns
- Add everything you think it is needed to ensure the product's quality & proper maintenance in case of an error.
- We expect to have a minimum documentation on a README file. We need to know what have you done and how to run your app. Also, if you have taken any decision or could not meet any of requirements, please explain it to us!

Recommendations

- ES6 is highly recommended.
- Use the framework you feel more comfortable using.
- Use github or any source control tool. It would be great if we can see incremental steps.
- Think some ways to use a database