Camillion

Code Test

It's time to start a new project in Camillion so let's get to it! This time we have to create an API to feed a home of news about our platform. Your task is to build an API focusing on quality and good practices.

The test consists of two main user stories, one to create news and the other one to show those news in the feed (remember, if you have any questions you send us a mail and ask any doubt).

Remember we are not in a hurry, you have a lot of time to finish the code test. Time is not relevant but the quality is. So pay attention to what quality means to you and reflect it in the project you create.

Lets review user stories (functional requirements):

Post a news item:
We need to provide an endpoint so frontend will be able to create news about our company. A news item should have at least a field for the name and another one with the content of it. Only admins should be able to create news **(simulate that a user is Signing to the API, we do not need a real authentication process)**

Get home news:
We need to provide an endpoint where we will be able to show created news to our users. This endpoint should return all created news, only logged in users should be able to retrieve information of this endpoint **(remember, we want you to focus on quality, so try to define an standard on how data is serialized and returned etc)**

Non functional requirements

- The project should be in a Git platform (Github, Gitlab etc) and also public (or private, but you will need to invite one of us to be able to review it)
- You should create the project and define the two user stories before starting to code (using **Issues** in Gitlab, **Project** in Github or any other tool that the Git platform provides to you)
- Try to add every step to your project incrementally, so we will be able to know the way you work (using pull requests, comment why you are doing this that way etc)
- Any kind of CI (Continuous Integration) should be added to the project. You can use **Travis** (free CI tool for public repositories)
- The project should use different tools to ensure the quality of the project from different viewpoints
- Code coverage is mandatory
- Documentation about how to use the project and what we are going to find in this repository would be part of the README.md file or the repository Wiki. Pay attention to this point, we will review it in detail
- The test has to be written in English. You have 7 days to finish it (if you need more, just ask us why)
- We prefer Rails (as we are working with it) but feel free to use other tools like Node, Spring etc

What are we looking for as the code test reviewers?

- You are able to organize the development in different stages
- You are able to send descriptive and incremental pull requests to solve the proposed problem
- You are able to use CI tool
- You are able to create the project from scratch and configure needed tools to guarantee good quality level
- You are able to solve simple problem using the correct architecture and quality code
- You are able to add coverage to the developed code and quality of tests is expected
- You are able to write readme or wiki describing the content of the repository and how to use it

- You are able to resolve questions asking us, or documenting decisions you have made