

Senior QA Automation Engineer – Technical Case (May/23)

Please send your solution to bernardo.campos@raidiam.com.

Deadline is 7 days after you receive this task.

This repository is a Medium.com clone using a variety of popular frontend and backend technologies. For our purpose, we will choose the Vue/Vuex version for the frontend and Go for the backend.

Repositories:

Frontend (Vue/Vuex): <https://github.com/gothinkster/vue-vuex-realworld-example-app>

Backend (Go): <https://github.com/gothinkster/golang-gin-realworld-example-app>

Frontend Task:

Using Cypress, you're expected to write end-to-end tests for the following user flows:

- User registration
- User login
- Creating a new article
- Editing an existing article
- Deleting an article

Backend Task:

You're expected to write API tests for the following endpoints using Go:

- POST /api/users
- GET /api/user
- PUT /api/user
- DELETE /api/articles/:slug

You should focus on writing essential tests that cover critical functionality and edge cases.

Expected Deliverables:

- A Cypress test suite containing tests for the specified frontend user flows.
- A Go test suite containing tests for the specified backend API endpoints.
- A brief report summarizing the test coverage, any issues discovered, and recommendations for improvements.

Please keep in mind that your technical case will serve as a basis for the next interview (with the engineering team + QA Lead)