Software Engineer Assignment

Instructions

Your task is to architect and develop a set of REST APIs to manage a single blog website.
A blog post must have at least:

- A title
- A content
- An author
- An image
- A category
- Tags (1 to N)

The APIs have to support the following actions:

- CRUD on blog posts (allowing full and partial updates)
- Search a blog post by its title and/or category and/or tag(s)
- Assign a blog post to a category
- Add/remove a tag to a blog post

Constraints

- A blog post can only be related to one category
- Content must not be more than 1024 characters
- The deletion of a blog post must be performed by ADMINS only
- The server must start on 8090 port
- Test coverage must be at least 90%
- The assignment must contain a Docker container definition and a docker-compose file (or similar technologies) that is able to run the minimal set of components to run the application locally
- Provide a README.md file containing all the instructions to start the application locally
- Provide a public git repository containing the project
- This exercise needs to be returned within 5 days after receiving it

Notes

You are free to use any library/framework or even language. Be ready to explain the rationale for your choices. Write the code with production standards in mind.