JavaScript Engineer Test

Objective

We want to create a superhero database. For that, we want a web application that allows us to do CRUD operations of the superhero model

The model

A **Superhero** consists of:

- ★ **nickname**: Superman
- ★ **real_name**: Clark Kent
- ★ **origin_description**: he was born Kal-El on the planet Krypton, before being rocketed to Earth as an infant by his scientist father Jor-El, moments before Krypton's destruction...
- ★ **superpowers**: solar energy absorption and healing factor, solar flare and heat vision, solar invulnerability, flight...
- ★ **catch_phrase**: "Look, up in the sky, it's a bird, it's a plane, it's Superman!"
- ★ **Images**: a set of images of the superhero

Functional requirements

We want to be able to:

- ★ Create, edit and remove a superhero
  When creating / editing, we want to be able to assign and remove images from a superhero
- ★ List all the superheros, seeing only one image for each, and it's nickname, with pagination, showing 5 items at once
- ★ See the details of one particular superhero with all its information and images

Technical requirements

- ★ The web app should be implemented having this technical requirements:
- ★ For backend, use Node.js (frameworks like Express.js or Nest.js are acceptable).
- ★ For frontend, use React.
- ★ If you're capable, write down unit tests, at least for the main logic.
- ★ A README with the steps to run the solution, and a list of all the assumptions that you made (if any)

  For task review, we will pay attention to:
- ★ how you are working with components
- ★ state management organization
- ★ handle async middleware

The deadline to send us the solution is 4 days after you've received the email.
You should send us the web app via any git hosting site (GitHub, Bitbucket, etc.)