

Coding Challenge - Front End

Task

You are going to implement a basic version of our people management module.

Please construct a micro app based on the design file, you can use whatever framework you like (Angular / React / Vue).

The design file is a prototype of team pages. In this page, users should be able to do the following:

- See their team members as a list
- View selected employee's profile

Design Example

Download design example from the following link:

https://drive.google.com/file/d/1_JYiT9dM4LX-rjdagL_tLajvAG8tZGIC/view?usp=sharing

- We are not looking for pixel perfect implementation
- Focus on code structure and functionality, the design example should be treated as a rough guide
- Be creative!

Team Member List

Fields for list are

1. Name
2. Location
3. Status
4. Email Address

Each list item should have a view button that opens a modal with employee details

You should be able to filter the employee list using the search input. The filter dropdown should allow you select the field to filter the list by(Name, Location, Status, Email Address).

Employee Details Modal

Each employee's profile can be viewed as a modal.

In the left hand panel will show user's avatar, name and status

The right hand side of the modal shows all details for the user

For bonus points implement adding and editing of employee details. This is a frontend task, you can fake the backend.

You might also consider some of the following:

- Responsiveness, e.g: how to lay out the people list container dynamically fit the different window sizes?
- How to show employees in different sorting order?
- How do you get data changes without a refresh.
- What if you have huge amount of employees (1000+)?
- The profile modal should be at the centre of the window. Think about the scenario where the window size is not big enough for the modal.
- Data model representation.
- Do you need to do data validation?
- How would you utilise caching for something like this?
- How would you unit test your components.

Ground Rules

- Focus on key features, you don't have to implement everything on the example!
- Showcase how you would architect your code.

- Package your solution in any way you would like (e.g: zip file, github repo, etc).
- Include a [README.md](#) with your solution to tell us how to get it running in some unix environment.
- Produce a test suite that we can run with everything passing.
- Make sure you write readable code.
- Feel free to write comments explaining your solution so we understand your thinking behind it.
- Email the solution to your recruiter. They will forward it to the engineers involved in your role.
- Have fun!