Hello.

You've been tasked with the job of building a web page which displays information pulled from a JSON file. You have been provided with a design and some user stories to complete.

- There is no fixed delivery date. But please don't spend more than eight hours.
- Feel free to reach out with questions as often as you need. You can email me at thom@mentallyfriendly.com, call me on 0451 964 765, or add me on LinkedIn.
- The design can be found on Figma:
  https://www.figma.com/file/cSjahZLzg3qH1fEIOxyK6g/Untitled?node-id=13%3A0
- As we've spoken about in the interview, Mentally Friendly values more than just your coding abilities. We also want candidates who have a product mindset and who are always thinking of ways to improve the offer to the user.

Before you start coding...

1. Using software you prefer (Trello, Word, PowerPoint), document the development tasks for the creation of web page ie Create episode card, Setup repository.
2. Assign high level estimates to each development task in the form of hours or minutes.
3. Document risks or questions - if any - for each development task.
4. Share the document we us once you have finished.

Start coding...

1. Create a new repository in GitHub, GitLab, or BitBucket.
2. Use either VueJS or React to build the page.
3. Complete the build by displaying the data from the attached JSON file on a web page using the attached design.
4. Add the filtering and sorting methods outlined below.
5. Create documentation that briefly outlines the author, the technology used, and how to setup the project.
6. Share the Git repository we us once you have finished.

Here are the two user stories...

1. As a user, I would like to be able to sort the episode results by the date in both ascending and descending order. By default, the episodes will display in ascending order.
2. As a user, I would like to be able to filter the episodes by the season they were released in. By default, all the episodes for all the seasons will be shown.

We will be looking at how you...

- write documentation.
- write code comments ie amount & format.
- write commit messages ie amount & format.
- layout the architecture of the project ie folders, entry points, components.
- write HTML/JSX.
- produce CSS.
- write JS.
- efficiently solve problems.
- employ best practices.

The following aren't mandatory. But we will see if you have added...

- support for other forms of sorting or filtering methods.
- support for responsive design ie mobile, tablet, and desktop.
- support for accessibility.
- transition and interaction animations.

We won't be looking at how pixel perfect the design is - treat it more as a wireframe. You can use established design systems like Bootstrap.

Before you go...

Using software you prefer (Trello, Word, PowerPoint), document how you would like to improve the web page for a future release.

1. What features would you like to build?
2. What third-party services would you like to use?
3. What technologies would you like to use?