DOUBLE GDP — ReactJS Code Challenge

Welcome to the DoubleGDP Coding Challenge!

Overview

To complete this challenge, you will need to write a simple React based web app, and provide us the source files to be built.

The purpose of this challenge is to assess your skills and approach to composing a simple web app given a set of screens. We will also assess the generated HTML, CSS, and JS output.

This challenge is expected to take about 1-2 hours.

The Challenge

It's pretty simple. Using the provided screens as a reference, you'll need to build a set of React components to render the app.

Although this is a basic exercise, we'll be looking for simple, well-designed, performant, and tested code in the submission.

Please include a `README` with setup instructions, and any tests or other documentation you created as part of your solution.

Also, be prepared to answer the following questions during the follow up interview or/and add your responses to your `README`:

- How did you decide on the technical and architectural choices used as part of your solution?
- Are there any improvements you could make to your submission?
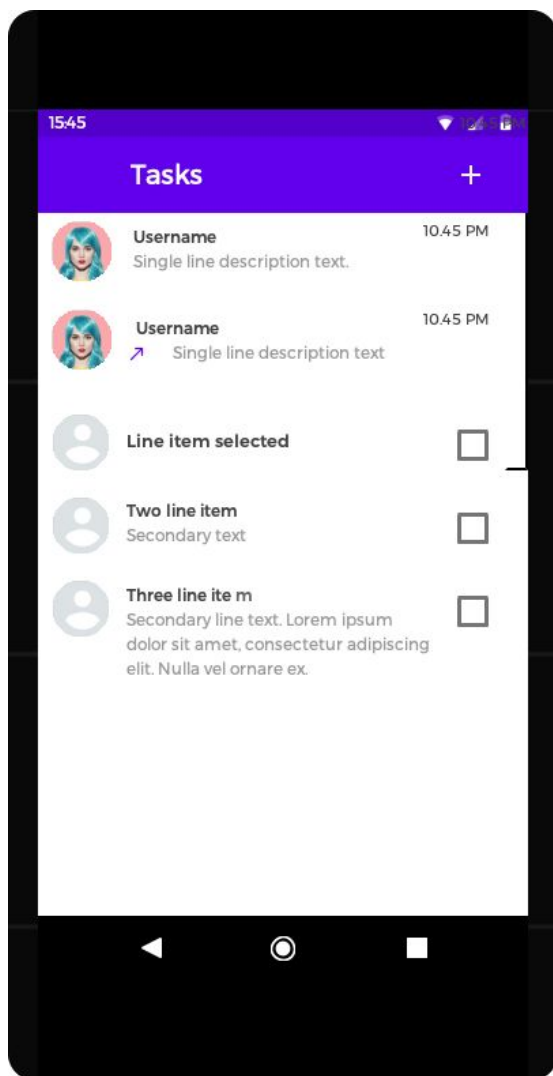- What would you do differently if you were allocated more time?

Details

You will need to build the following 2 pages with React:
- A "tasklist" page
- A "taskadd" page

The pages should also be usable on mobile and tablet devices.

You can assume that you do not have to support legacy browsers without features such as `fetch` or `flexbox`.
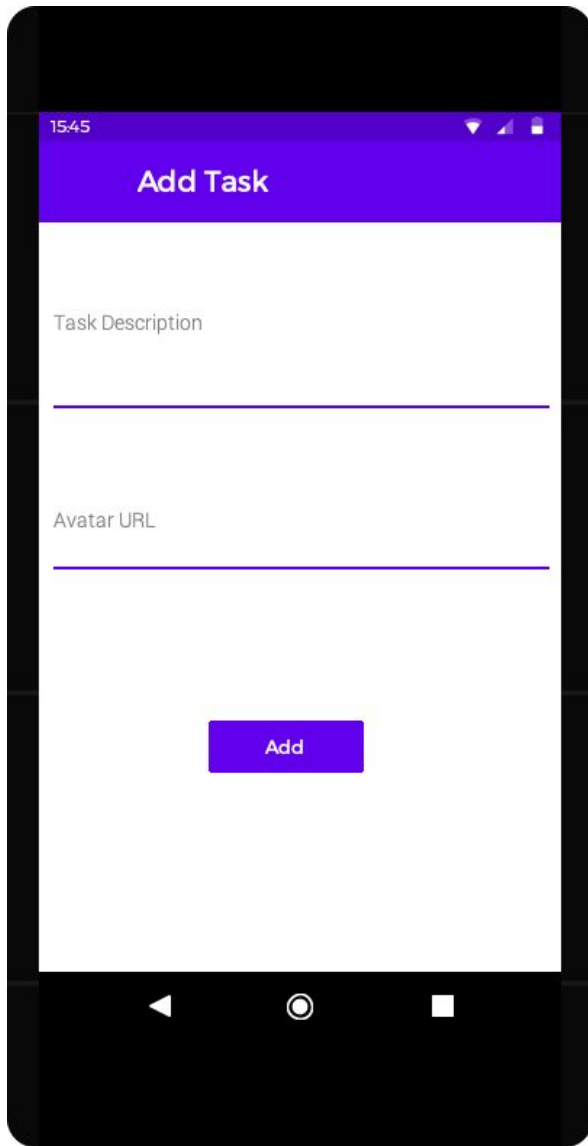
"tasklist" Page

Refer to the screen on the left.

This will be your `starting page` screen.

When clicking on **+** the "taskadd" screen should open

When new items are added, they will show with an avatar, a task description, and a checkbox.

When the checkbox is checked, the checkbox disappears and is replaced with the time of click.

"taskadd" Pages

Refer to the screen on the left.

- You will need to be able to enter a task description (ie: I have to read the hobbit)
- You will need to be able to enter an avatar url (ie: a small image file, could even be local if easier)

When Clicking "Add", the task is added to the "tasklist" page and the "taskadd" screen disappears.

Submission

You should submit your work on a GitLab or GitHub private repository and allow the hiring manager to access it.   If a private Gitlab / Github repository is not a viable option, contact your hiring manager to set up an alternative option.

FAQ

What language, framework, build tool... should I use?

You may use whatever you like as long as the solution is built using React.

We prefer it if you did not use any third party CSS frameworks. (However, material-ui library is ok to use)

We also prefer the use of minimal dependencies.

Useful Links

- material-ui
- React

Good luck