Elda Health
React Front-end Assignment

Nature of the Game

We want to understand how you think as a programmer, and the level of craft you bring to bear when building software. Of course, the ideal would be a real world problem, with real scale, but that isn't practical as it would take too much time. So instead we have a dead simple, high school level problem that we want you to solve as though it was a real-world problem.

Please note that not following the instructions below will result in an automated rejection. Taking longer than the time allocated will negatively affect our evaluation of your submission.

Rules of the Game

● You have **two** full days to implement a solution.
● We are really, really interested in your object oriented or functional design skills, so please craft the most beautiful code you can.
● We're also interested in understanding how you make assumptions when building software. If a particular workflow or boundary condition is not defined in the problem statement below, what you do is your choice.
● You have to solve the problem using ReactJS.
● Please use Git for version control. We expect you to send us a standard zip or tarball of your source code when you're done that includes Git metadata (the .git folder) in the tarball so we can look at your commit logs and understand how your solution evolved. Frequent commits are a huge plus.

● Please do not check in binaries, class files, jars, libraries or output from the build process.
● Please write comprehensive unit tests/specs. For object oriented solutions, it's a huge plus if you test drive your code. Submitting

your solution with only a functional suite will result in a rejection.

● Your codebase should have the same level of structure and organization as any mature open source project including coding conventions, directory structure and build approach (make, gradle etc) and a README.md with clear instructions.

● Please do not make either your solution or this problem statement publicly available by, for example, using github or bitbucket or by posting this problem to a blog or forum.

Problem Statement

I need to track the list of tasks I have to complete for the day and would like to have them in one place along with some descriptive info and current status(whether completed or not). General administrative features are a plus.

Requirements:

● Ability to add a new task.
● View list of all tasks along with statuses.
● Option to change status of a task.
● Ability to edit/delete other attributes of a task.
● Ability to add tags to a task.

These are broad requirements and you can tweak it around a little bit as per your understanding and design UI components in very user friendly ways. A bit of UX thinking would be judged here. You can use a local storage to store the data, authentication is not required.

Submission Guidelines

Submit the code via a public github repository so that it can be cloned by someone from our team. Include proper instructions to build and execute the project on a linux environment. The project functionality will most likely be tested on an android emulator on linux so test that out before submitting. All the best!