

# Foundry Assessment

## Task

Create a resource engagement app using React or Vue that allows managers to assign Employees to Clients on Engagements. Engagements are periods of time when an employee is working for a client.

## Getting started

- Clone or fork the repo: <https://github.com/trappett/foundry-assessment>
- The repo contains an existing backend for your app to connect to.
- If you are using Vue, there is an existing skeleton frontend you can use. If you are using React, you will need to create this yourself.
- There are readme.md files in the frontend and backend dirs with details on how to get started.
- Note: backend/data.db contains the database. If at any point you want to wipe your data and start over, delete that file and restart the server.
- Creating components from scratch rather than utilizing an existing component library would be preferred, as it is a better showcase of your ability. In particular, please don't utilize a pre-made datatable component, rather use a table component and implement the necessary logic yourself.

## Task Breakdown

Add the following functionality to the app:

- Employees
  - View a list of employees
  - Ability to add/view/edit/delete employees
  - Ability to filter the list of employees by any relevant field (e.g. name)
- Clients
  - View a list of clients
  - Ability to add/view/edit/delete clients
  - Ability to filter the list of clients by any relevant field (e.g. name)
- Engagements
  - View a list of engagements
  - Ability to filter the list by any relevant field.
  - Style engagements according to whether it's a future/current/ended engagement
  - Ability to add/view/edit/delete engagements
  - Ability to list engagements by employee
  - Ability to list engagements by client

Additionally:

- Write a brief user guide explaining how to use the app (no more than a page)