BP3 Frontend Coding Challenge

Here at BP3 we automate business processes. When business processes cannot be entirely automated a human is often required to do the work via a ui, commonly in the form of a task list. For this exercise, you will be asked to create the ui for a custom task list. The task list you are building has several core deliverables:

1. The task list should load and display the tasks in a user-friendly manner

2. The task list should have a search or filter functionality to enable users to find specific tasks quickly.

3. The task list should allow the user to create and save new tasks to the database and render these new tasks in the list

4. The task list should allow users to 'complete' tasks; how and if these completed tasks are displayed is up to you

5. Include error handling and feedback mechanisms to guide users when they encounter issues or incorrect input.

6. Unit tests should be incorporated into the UI to verify its implementation.

The amount of time spent on this exercise is completely up to you, if you only want to spend an hour or two to get things working and demonstrate that you are proficient with the core technology that is completely fine, or if you want to build the perfect application and plan to spend a lot of time doing so that is totally fine as well. **Please let the team know how much time you spend completing the challenge when you submit.**

BP3