

# Coding test instructions (Todo App)

Your task is to complete this todo app and we will evaluate you on the quality of:

- Your code (Is it working, well structured and readable?)
- Your visual design
- Your user interaction choices

You do not have to follow the order of the tasks.

You do not have to complete all tasks, simply do as time allows. Only 2 and 4 are mandatory.

While speed is always appreciated, there is no time limit. We believe 90 minutes should be sufficient to prove most of your skills without completing all 7 challenges.

Commit often, but never commit compilation errors on the main branch.

You may use additional external libraries, if you can justify your choice.

You can always reach out to the Journee team for any questions :)

1. Add a “Clear list” button, visible only when there are items to delete.
2. (Mandatory) The current item creation behavior is buggy. When the user starts editing a new item, make sure the focus stays on the element they want to edit, without any other perceptible change to the current UI/UX behavior.
3. The ItemList component is too large: Extract some of the logic to a TodoItem component.
4. (Mandatory) Make the app look nice and clean:
  - a. Without using any library containing significant CSS  
For example OK: `@material-ui/icons` or `styled-components`  
For example not OK: `react-bootstrap`
  - b. Without using drop shadows (except one for the main box if you wish).
  - c. User experience improvements are welcome too.
5. Any added item that has an empty text should be automatically cleared, unless it is in focus.
6. Make it so that the user can edit 3 lists.
7. Add a functional dark/light mode toggle feature.

Done with everything? Here are a few bonus feature ideas:

8. Persist the Redux store to local storage without using a third party persistence library.
9. Make items reorderable through drag and drop.
10. Add the automated tests you would find the most relevant for this project.

Happy coding!