

Goal: create a ToDo list application which runs in a browser. It should store data within the browser and does not need to connect to any server. The application should allow users to enter items into the ToDo list, and click an item to mark it as Done. It should look like the following mock-up:

The mock-up shows a web interface for a To-Do list. At the top, there is a text input field labeled "New Todo" and a button labeled "Add". Below this, the interface is divided into two columns. The left column is titled "TODO" and contains four items: "Todo Item 1", "Todo Item 2", "Todo Item 3", and "Todo Item 4". The right column is titled "DONE" and contains one item: "Todo Item 5". The items in the "TODO" column have a light gray background, while the item in the "DONE" column has a darker gray background and a strikethrough applied to the text.

Additionally, items should appear with background color #C4C4C4 by default, #C4C4C4 when hovered, and #7A96AF when active. As shown above, items that are done should appear in a second column to the right, and should have strikethrough applied to the item text.

The application should be created using React with hooks. Any explanation you would like to provide for the code structure, how the problem is decomposed, your thought process, etc. would be greatly appreciated since we are doing this exercise asynchronously.