



React: Todo

React – localStorage CRUD app

The following exercise contains the following subjects:

- CRUD
- useState
- useEffect
- localStorage

First things first

If you haven't done so yet, explore localStorage and its methods.

Our app

Let's create a very basic todo app using useState.

The user can write a task and add it to the existing list.

Each task is initially marked as uncompleted.

To change the task from incomplete to complete, the user has to click on the task itself or the icon.

In addition, next to each task there will be a delete button that will remove it from the list.

We would like to use localStorage so that the information will not be lost if we leave the page.

Use entities to change the icons to a “check” or a “cross”

Here is a [demo example](#).

CRUD

Read:

When the application comes up, check if there is a list of todos in localStorage and if so, save it in the state and display it.

Create:

If the user adds a task we will add it to our todosArr state, and update the localStorage.

Update:

If the user updates a task from incomplete to complete. We would like to iterate over the todosArr and change only the task we clicked on.

Then we'll save the update in the state and the localStorage.

Delete:

If the user deletes a task. We would like to iterate over the todosArr and filter the task we clicked on.

Then we'll save the update in the state and the localStorage.

Tip:

Check JSON.stringify and JSON.parse, they can help you save and extract information from localStorage.

Don't waste time on design!!!