

Lab7 –Task-List



The aim of this lab is to create a **Tasklist** application that allows users to view, add, modify, and delete tasks. It should contain the following components:

- **App** - this component must display the **TaskList** component.
- **TaskList** - this component must display the **NewTaskForm** component and the list of Task components.
- **NewTaskForm** - this component must display a form with a text field for the task to be created. When this form is submitted, a new **Task** component should be created.
- **Task** - this component should display a div with the task to be performed.

For each **Task** component, there should also be a button with the text "X" which, when clicked, deletes the task.

Also allow a task to be subdivided into several subtasks, with a **Done** button to change the state of the subtask performed.

User Interface Enhancements:

- Implement styling to improve the visual appeal of the application.
- Use CSS frameworks or custom styles to create a consistent design.
- Enhance the user experience with animations and interactive elements.

Testing and Deployment:

- Implement unit tests (Jest) ensure the correct behavior of each component.



Example:

- **Task 1:** small Description... Sub-Tasks (clickable)
- **Task 2:** small Description... Sub-Tasks (clickable)
- **Task 3:** small Description... Sub-Tasks (clickable)

Clicking on the Sub-Tasks button in Task 1 gives you, for example:
(each click generates a sub-task)

- **Task 1:** small Description... Sub-Tasks (clickable)
 - sub-task 1: small description... **DONE** (clickable)
 - sub-task 2: small description... **DONE** (clickable)
 - sub-task 3: small description... **DONE** (clickable)
 - sub-task 4: small description... **DONE** (clickable)
- **Task 2:** small Description... Sub-Tasks (clickable)
- **Task 3:** small Description... Sub-Tasks (clickable)

Clicking on one of the **DONE** buttons gives, for example:

- **Task 1:** small Description... Sub-Tasks (clickable)
 - ~~sub-task 1: small description...~~
 - sub-task 2: small description... **DONE** (clickable)
 - ~~sub-task 3: small description...~~
 - sub-task 4: small description... **DONE** (clickable)
- **Task 2:** small Description... Sub-Tasks (clickable)
- **Task 3:** small Description... Sub-Tasks (clickable)

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- **Deadline:**
At the end of Lab session (no later than **Saturday, December 9 at 23:59**)
To: adil.chekati@univ-constantine2.dz
 - **Link to be submitted:**
GitHub repository link.
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Classroom code



Google Classroom

aoa5lne

Drive QRcode



SCAN ME!