
01UDFOV/01TXYOV – WEB APPLICATIONS I

GETTING STARTED WITH REACT

During this lab, you will start re-structuring your web-based task manager to exploit the React framework and its component-based approach.

EXERCISE

Starting from the specification of the web application you developed in the previous labs, re-create the front-end of the task manager in React.

In particular, you should build the entire front-end in components and by using JSX. In doing so, think deeply about which classes you want to use, and which props each class needs.

For this lab, the task list should be in an array (in the client) and not retrieved from any server. In other words, forget for a moment about fetch and the REST server. The various components will generate dynamically the task lists and the sidebar content, only.

Beware: you do not have to implement any user actions; filters are not expected to work, neither the button for adding new tasks, etc.

Hints:

1. You can use the specifications reported in Lab 2 and in the first exercise of Lab 3.
2. For handling dates and times, you can exploit *moment.js*.
3. You can use the project developed during the lectures as an example or to get inspiration:

<https://github.com/polito-WA1-2020/react-scores>