
01UDFOV/01TXYOV – WEB APPLICATIONS I

BIGLAB 1A: GETTING STARTED WITH REACT

WHAT ARE WE BUILDING THIS WEEK?

We will start setting up a React-based front-end for the web-based task manager. The appearance of the front-end will be built according to the general specification of the first big-lab and the code you developed in the previous labs (see the screenshot in the [general specifications of the first BigLab](#)).

STEP-BY-STEP INSTRUCTIONS:

- Create a new React app with the command `npm create-react-app` (<https://github.com/facebook/create-react-app>)
- Use the React-enabled version of Bootstrap and its components to structure the front-end of your web-based task manager. You can find the documentation of React Bootstrap at <https://react-bootstrap.github.io>.
- For the moment, the whole application can be organized as a single component, e.g., an “App” component stored into App.js file. In other words, you are not requested to split your application into different components.
- As in Lab 2, populate the webpage with a few dummy tasks (4-5).
- **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. Carefully read the general specification of the first BigLab before starting to design the front-end: <https://github.com/polito-WA1-AW1-2021/course-materials/blob/main/labs/BigLab1/BigLab1.pdf>
2. For handling dates and times, you can exploit `day.js`.
3. You can use the code developed during the lectures or during the previous labs as examples or to get inspiration.