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 **`npx create-react-app`** (https://github.com/facebook/create-react-app)
- Use the React-enabled version of Bootstrap and its components (jQuery is no longer necessary) 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, all the application must 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 <u>not</u> 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.*