

Your assignment is to start a new React project with create-react-app. When run in the web browser, the app should present the viewer with a web page containing a form and a list. The form should enable the user to add person data. The list should display the data added. The html elements should be styled with Bootstrap, using the specific react-bootstrap node module.

Required Features:

- A new project made with create-react-app
- A form component for adding the following data:
 - First name, second name, age, nationality, e-mail adress
- The data added should be stored as state, in an array using the useState hook.
- A list component that presents the data, where each line represent one entire form entry
- Each line of data should in its turn be a separate component

Code Requirements:

- All interactions should use React to change the contents of the page, to prevent refreshing of the page in the browser. No direct DOM-manipulation through regular JavaScript.
- For stateful components, only functional components with hooks should be used, not class components
- The form element should be a controlled component.
- If the list is empty, a message should inform that there are no persons to display.
- The list should use Bootstrap rows and columns to organise the data
- Source for the Bootstrap styling should be the node module react-bootstrap (no Bootstrap through linked web resource, like cdn, is allowed)
- All components named above should be located in a folder called "components", placed in the src-folder

Optional:

- Add ability for the user to edit the data listed
- Add ability for the user to choose a list of data sorted by last name and by age

Resources:

- <https://reactjs.org/docs/thinking-in-react.html>
- <https://www.taniarascia.com/getting-started-with-react/>
- <https://app.pluralsight.com/paths/skill/building-web-applications-with-react>

Subjects Covered:

- React
 - Components
 - State & Props
 - Controlling a Form
 - Sorting lists