

# Create a ReactJS application using React Hooks

## Tic-tac-toe game

Game description (rules):

<https://en.wikipedia.org/wiki/Tic-tac-toe>

Game sample running:

<https://playtictactoe.org>

### Requirements:

1. Create a ReactJS application that will have an initial page to input players' names and a button to start the game
2. Create the game board UI with some simple, CSS/sass layout (X - red, O - blue)
3. Store current positions in the local state, making use of `useState()`
4. Store history of all games using global state `useContext()`
5. Using React Router create navigation from game board to scoreboard and vice-versa
6. When playing a new game, check history. If the same players have played before, define the previous winner as Player 1 (as convention X - should start the game) for the next round.
7. Provide `readme.md` file with the steps to run the app.

**NB!** We are aware that there are references on how the game works and that there are examples on the web, however, we expect to see your own solution. It's fine to use the web to do research, but we want to see your own components, states and tests.

**Expected deliverable and assessment rules of the game:**

1. You have 7 days to work on the project from the moment you receive this doc. If you complete the task before the deadline, you can send it back earlier.
2. Create one private github repository and share with us.
3. Push your commits to the repository constantly, so we can see your evolution and way of thinking during development.
4. After the deadline is over, subsequent commits won't be considered as part of the solution.
5. Please let us know if you have any questions.

Best of luck!