9 - Homework (React forms)

In this homework you need to finish the Hands-on task from the 9th lecture and you'll need to create a new page and a few components which you can style on your own.

Homework must be finished till 7.5.2021. (23:59h).

Final app should look like [this](#).

Guidelines

Do the following:

- Create new page "Admin"
- Create new component "Table"
- Create new component "Modal"
- Admin page must only include Section and Table component
- Inside Table component do the following:
  - Create Add event button that needs to open Modal with form created with Formik
    - Form values are: title (text), description (textarea), category (select), date (text), timeFrom (text), timeTo (text), capacity (text but validated inside Yup as a number), firm (select).
    - All values are required and errors must be shown when input is touched.
    - Form must be passed to the modal as children prop.
  - Create table (you can style it how you want - do your best, you are frontend developer)
    - For screens smaller than 576px columns 3, 4, 5, 6, 7 must be hidden.

- For the screens equal or larger than 576px and smaller than 768px columns 4, 5, 6 must be hidden.
- For all other screens all columns must be visible.
- Last column of table must be used for the delete icon (you can use react-icons library for that)
- You can style modal how you want, but also do your best. Modal should be responsive, and on the breakpoints larger than 576px you must show some fields in two column layout (take a look at my form on the screen recording).
- How should everything work?
  - Inside the Table component you'll need to have events state that is empty when the Admin page is rendered.
  - When you click on the "Add event" button, Modal with the event form is opened. Inside that modal you need to fill in all form values and submit those values into the events state of the table component.
  - Each time when the events state is modified, the table needs to re-render and show a new state of events.
  - When you click on the delete icon of a specific row inside the table, the event should be removed from the events state and the table must be re-rendered.
  - When the table is empty (events state is empty), you must show a message instead of the table ("There are no events yet!").

You must use formik and Yup. Also if you need you can explore more about the formik and [Yup](Yup). In this homework most of styling depends on you, only the final functionalities must be like it is defined above. Try to do your best, and feel free to ask me anything you need in @general or DM me on Slack!

Speck.

Read the following

Except finishing practical homework you need to read about following topics (preparation for next lecture):

- AJAX
- Fetch API and Using Fetch
- Promises and Async/await
- REST