



Website Building: Weekend Assignment

React - Shoe app

The following exercise contains the following subjects:

- JSX
- Props
- State
- Route
- CRUD
- HTTP Requests

Submitting instructions:

- Push the full folder hierarchy of the project to your own repository on Github.
- A link to the repository.
- Free text – a description of the assignment. Stuff that you found hard to implement, known bugs, and your review of this assignment.

Things you will need:

The mock API. So get familiar with it: <https://mockapi.io>

The task:

You will create a CRUD app. An application for a shoe store manager.

What's important is to practice the CRUD:

Create, Read, Update and Delete with a real API.

Routes:

- Home page - www.my-store.com
- Shoes page - www.my-store.com/shoes
A page that will display a list of all the shoes, each shoe will have a picture name and price.
- shoe page - www.my-store.com/shoes/:shoeld
Update page showing editable fields, initially the fields will contain the items of the shoes we want to edit and two buttons. Update button and delete button.
www.my-store.com/shoes/:shoeld
- Add shoe page - www.my-store.com/shoes/add
- Add any other route to your choice.

Some important points:

- The app will use the mock API.
- Use `api.js` to organize all of the requests to the mock API.

Good places to start from:

- Set up the API first. and check it in Postman
Get the CRUD working there.
- Then show it somehow in the DOM using components.
- From there - continue.

Extras:

- Make sure that your data is valid.
- For example - the shoe name is full, etc. If not, do not allow to save the item.
- When saving, prevent the user from clicking multiple times on add item, to generate multiple identical requests.
- Spinner: implement a loading spinner that will be displayed whenever you make an ajax request.
- You can use Axios if you want, or plain fetch.

USE GOOGLE!!!