**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/:shoeId

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/:shoeId

* 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!!!**