Day 2 – Project 2

**Make sure everyone is comfortable to move on**

**Everything for today will be in the Day 2 folders**

We are going to change the code we worked on yesterday to add components instead of just having everything on the main page. Components are kind of like functions but with React we create a component in case we need to use it over and over again. When we make components, we need to make sure we are capitalizing the fist letter of each word, including the first one. I know this is different than the camel case we have been using but it just industry standard.

Now, I like to start off by making a new folder for the components. Then make the files for the components in that folder. Make a List.js file. Let’s add our unordered list into List, and export it.

Go back to app.js and import List then add the component where it used to be. Notice that everything is now the same.

We can add new things to our List component or you can just keep it the way it is but if you add one more list item, you’ll see that it will also update the page with the new element.

Now, lets do the same thing again but for the header.

The next thing I want to work on is styling.

Let’s add a “nav bar” to the header. Just add “about” and “contact” in an unordered list.

Open App.css and now we are going to add styling for the nav bar.

Well add the following items to the css file.

.header {

  text-align: center;

  display: flex;

  justify-content: space-between;

}

.nav {

  list-style: none;

  display: flex;

}

.nav > li {

  padding: 10px;

}

Make sure we are importing that css file into our App.js file.

Next, lets add an image to our header.

You can use whatever image you want but I’m just going to add the react logo.

Start by making an images folder, then add whatever image you want to add into that folder. Now we are going to import that image into our header component. Notice that I am using .. before the first /. Up to this point we have been using just one . before the / that means that we are looking in the same folder but two .. means we are going to go up one folder level. I have to do this because the images folder is not in the same location as our header file.

Once we import the image into our file we can use it. Let’s add an img tag and set the source to whatever you named the import, add an alt tag and a className. Let’s go back to the css file and add css for the image.

**Break**

Ok, now I want you guys to start a new project on your own.

Use npx create-react-app, name it project2

Create a components folder

In that folder create a Navbar file and a Main file.

In each one, just render an h1 tag, for now, with the name of the component (e.g. return <h1>Navbar goes here</h1> or <h1>Main</h1>):

Have App.js render the Navbar and Main components

**Day2 Starters, project2**

Let’s continue working on this project now. Go to the css file and add in

\* {

    box-sizing: border-box;

}

body {

    margin: 0;

}

We are going to start on the Navbar now. Add the parent element <nav> Let’s add an image inside that, again, I’m using the react logo, you can use whatever. And add h3 and h4 tags inside that nav tag as well. In the h3 tag, I want you to add Favorite Stuff and in the h4 tag add JS Camp - Project 2. Make sure to add classNames that make sense for each one.

Open the css file. Now we will add in our styles.

nav {

    display: flex;

    align-items: center;

    background-color: #21222A;

    height: 90px;

    padding: 30px 25px;

}

.logoImg {

    height: 30px;

    width: 30px;

    margin-right: 7px;

}

.logoText {

    margin-right: auto;

    color: #61DAFB;

    font-size: 22px;

}

.navTitle {

    color: #DEEBF8;

    font-weight: 600;

}

Now let’s work on the Main.js file. Add a main tag and inside that add an h1 and we’re going to work with an ordered list this time with 5 items. Don’t forget to add classNames to the h1 and ol tags.

Open the css file to add styles for the new page

main {

    padding: 57px 27px;

    color: white;

}

.title {

    margin: 0;

    font-size: 39px;

    letter-spacing: -0.05em;

}

.list {

    margin-top: 46px;

}

.list > li {

    padding-block: 10px;

}

Lets change the color and size of the list markers. In our case we are using the ordered list but this would also work with the unordered list.

.list > li::marker {

    font-size: 1.4rem;

    color: #61DAFB;

}

So, with all of that information. I want you to try a project on your own. Let’s do a digital business card.

Start with making a new project and call it digital-business-card.

**Show business card sample to students**

Don’t worry about the button working or anything like that. I just want to see where we are in terms of knowledge. The css is tricky so I will provide that as well.

**Show css**

**End day**