Reactjs workshop

What I will teach in 6 hours of react github.com/ghndr/react-cart-workshop

- [ ] [15m] Ice breaking
- [ ] [03m] Libraries vs frameworks
- [ ] [05m] React and Angular comparison, maybe bring in VueJS (pros and cons)
- [ ] [01m] Organizations that use react
- [ ] [20m] Setting up the development environment
- [ ] [05m] Installing create-react-app globally
- [ ] [07m] creating a project with create-react-app
- [ ] [05m] breaking down the existing folders and files (package.json, node_modules, public...)
- [ ] [03m] Running the project
- [ ] [05m] Types and behaviour of tags in react (self closing, paired tags, children..)
- [ ] [03m] Modifying the src/App.js and view the changes.
- [ ] [03m] breaking down the src/index.js
- [ ] [05m] What is a component (breaking down LinkedIn's feed components)
- [ ] [05m] Breaking down the component (imports, render()...)
- [ ] [05m] What is the state and how do we use it ?
- [ ] [05m] Adding some state to src/Apps.js and explaining what the `this` keyword refers to
- [ ] [02m] Declaring a variable and using it inside the jsx
- [ ] [03m] Talking about `let` and ES6/7..
- [ ] Introducing `<React.Fragment></React.Fragment>`
- [ ] [02m] Presenting the project that we are going to build in 6 hours (a shopping list)
- [ ] [03m] They will then break down the project into components.
- [ ] Start the project
- [ ] [02m] Setting a folder/file structure
- [ ] [06m] Creating all the component folders and files
- [ ] [10m] Installing and importing bootstrap 4
- [ ] [25m] Coding the first component Appbar.jsx
- [ ] Prepare the basic Component code
- [ ] Grab some navbar code from the bootstrap docs.
- [ ] the Ctrl+D trick to replace all every class with className
- [ ] ********** DAY TWO **********

- [ ] [25m] Coding the the next component (ProductList.jsx)
- [ ] Introducing `<React.Fragment></React.Fragment>`
- [ ] Introducing Arrow functions
- [ ] Introducing the `.map()` function
- [ ] [15m] Coding the next component (Product.jsx, still no props yet, a static component to display foreach element in the products array in ProductList.jsx)
- [ ] [15m] Introducing Styling in react, (scoped styling, global styling, in js styling, no js styling)
- [ ] [03m] Fix the proudctList.jsx styling (add `display: flex` make the parent div compatible with bootstrap)
- [ ] Introducing Styling in react, (scoped styling, global styling, in js styling, no js styling)
- [ ] [05m] Introducing props
- [ ] [02m] Pass the ProductList Array via props to each Product
- [ ] [05m] Introducing the `key` prop
- [ ] [10m] Accessing the props from `this.props.product` and using them to fill our product.
- [ ] [03m] Adding state to src/App.jsx for the cart
- [ ] Creating the `handleAddToCart` method (make it replace the current cart items)
- [ ] Iterating through the cart and displaying the content on the App.js temporarily
- [ ] Passing the `handleAddToCart` method down to the Product.jsx child
- [ ] Fixing the `handleAddToCart` by making it append items instead of replacing them
- [ ] Passing down the cart.length to the Appbar to visualise the number of cart items through the badge
- [ ] In
- [ ] Introducing props

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