Getting Started with Assessment 2

**We strongly recommend you to complete the practical materials in Week1-5 before starting doing the assignment.**

The main point is to start early and slowly. In the spec we roughed out a screen with some very basic navigation and styling. You can’t do much unless you understand what the API endpoints actually do, so you need to look at those properly first (see the spec and the documentation of the Stock API online), but most people have already done that. The client app has to allow the user to explore the stock market data with the functions specified. You are encouraged to go beyond the spec and do more if time allows.

In writing the client app:

* Start by thinking about the basic navigation of the site. Look at the example home screen in the spec and decide whether you are going to follow that model or make your own choices about the menu.
* Your first step should be to build the nav system with very little content – just placeholder text.
* Go to React Router site <https://reactrouter.com/>, follow the instructions and use the examples. That is your starting point.
* Adapt that example to build your proposed navigation, but start with placeholder content.
* Then start to replace the hard-coded text with something better…
* Add fetches to the API for the basic routes which are called when you navigate to a particular view. You have seen heaps of examples of this kind by now.
* Just display some text to start with, and then go off to the “Working with Tables in React" worksheet.
* Sort this out for each of the query routes.
* Then gradually add the rest of the features and improve each view.
* Go to the React CSS site to learn how to style React components: <https://www.w3schools.com/react/react_css.asp> (Note: we use Function components but the way we style the components are the same.)
* We recommend you to group your files into folders by file type such as Components, CSS, Images etc. See

Finally, you still have plenty of time to get a good grade for the assignment, but take it in stages. Make sure you have something, then make sure you have something worth a 4, and then move it up from there.

References:

React: <https://reactjs.org/>

React tutorial: <https://www.w3schools.com/react/default.asp>

React development process: <https://reactjs.org/docs/thinking-in-react.html>

How to organise React project files: <https://reactjs.org/docs/faq-structure.html>