

Web Services / React Assignment

50%

You are required to write the following applications

- Create a Java web service that demonstrate at least two published methods (note it can be a REST or a SOAP web service) :

The first method should take in data from the user and pass back to the user, database specific information based around the user supplied parameters for example the user passes in a productID and the web service returns product details based on this ID.

The second method should return a list or collection of information for example the top 10 selling products in the company etc.

(15 Marks)

- Build an example of the above web service being consumed in a React.js application. The example should demonstrate the calling of all methods and should show information being passed to the web service and information being returned from the web service. The application should also demonstrate the rich UI components available in react.js library

(25 Marks)

- Provide documentation outlining the security aspects that considered when creating your application.

(10 Marks)

The assignment is due 27th/11/2019 - 4/12/2019. Please sign-off in the lab. Please seek lecturers' guidance on proposed applications.