Design Document

Zhaklin Yanakieva

Student number:

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Diagram

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Justification for the front-end framework of choice:

I chose to work on the front-end with React.js as a framework because of its simplicity. React uses a special syntax called JSX which allows you to mix HTML with JavaScript. Moreover, I prefer the one-way data binding of this front-end framework because an application architecture controls the flow of data to components through one control point – the dispatcher, which makes the debug more efficient. Migrating between React versions is quite easy, too; you don't need to install updates one by one, as in the case of Angular. //tutorials/tables