**Project Plan**

***CLOTHINGSTORE INC.***

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# Why are you using Spring boot for the backend?

Because Spring boot is an excellent choice for working on backend. Spring Boot contains all of the functionality of the standard Spring framework while also making application development much easier. Spring boot provides us with all the functionality for 3-layer architecture, in addition to database connectivity.

# Why are you using React for the frontend?

React is one of the most popular frameworks for frontend and it's an open-source library and coders from around the world are helping people learn the technology in different ways. React lets you build rich user-interfaces easily. Quality of user-interfaces is important because a poorly designed user-interface is generally less user-friendly, and the users will not like a poorly designed UI. You can increase your productivity by using the reusable components and development tools.

Technically speaking, React can handle both frontend and backend, so bounding it to a backend application, in addition to the database can be very easily made without even knowing what the backend is doing. The JSX language that is used in React is a combination of HTML and JavaScript, both very popular and reliable languages.

# Why are you using MySQL?

The MySQL database server provides the ultimate in scalability, sporting the capacity to handle deeply embedded applications with a footprint of only 1MB to running massive data warehouses holding terabytes of information. MySQL also supports different operating systems, such as Linux, UNIX, and Windows. In addition to that, the open-source nature of MySQL allows complete customization for those wanting to add unique requirements to the database server. The searching engine of this language is highly-performant, allowing you to execute commands like searching full texts. These scalability and open-source characteristics are accompanied by the low cost of ownership.