

cs5610 Project3 Job Board Writeup

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When coding some of the components, I found that I had to use the `useEffect` Method more than once. It will cause a lot of problems such as that the page would not be rendered properly or just would not show. I had to learn how `useEffect` works and the basic rules to make them work properly. Besides, there are some parts of the codes which use `useState` method to initialize the data or use an array to initialize and store the data. There are differences between them and that should be clarified as well.

For the UI part, I use `react-bootstrap` group nav bar, form and table components. First I tried to use `bootstrap`, the `jQuery` have conflict with `react`. So I changed to `react-bootstrap`.

Given more time, I think I will do some jobs on storage like using another data storage method. I think that to be more specific, I will use `MySQL` to store data. That will give me more possibilities to do some other jobs. For the UI and front-end part, I can make it looks better by adding more decoration and stylings.

I assumed that we have to collections. One is to store job information and the other is to store user information. For the favorite jobs I stored that in the user information with an array. This caused a problem that if we deleted a job, favorite jobs would not be updated.

This Job Board project takes us about a week to complete.