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CMPS 3680

Web Development 2

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26th April 2020

### Final Project Proposal

In my final project, I would like to do a full-stack quiz and grade reporter. The name of my website will be QuizRank and it will just give you the ability to do a quiz available on the site where it will save your scores and show you all the grades that you might have gotten on the tests. The purpose of the website is that you could grade your quizzes all efficiently if placed on there as it will show you the information for every person signed up on the site. The home page will just give you information about what the website can do but I'm also thinking of just having a landing page that helps you login. I believe there will need to be a certain amount of pages based on how many quizzes you want to include. The pages that will be needed for sure is a home page, login page, a page to display the quizzes available, stats page where it shows all your user quiz scores and lastly, a page to log off the service. Only users will be able to use this site so you will have to do some sort of sign up feature or I'm thinking of just setting the users by myself if I can't get the sign up feature to work correctly. I believe there will only be a user and a quiz database that contains all the quizzes that I may have to use but I might also have to create a database that holds all the grade information as well. I am going to develop the layout in the Bootstrap framework but I'm going to try a few different options to make sure I have the right idea going. The style of page navigation I'm going to have is just the basic landing page, login and from there, you will be able to access a list of quizzes that you can click on and take where

once you finish that test, it will tell you your grade on a separate page or on the same page. I believe there are many forms of this kind of web application as the idea of it is that you have some sort of thing to finish and it will display your score or if you finished it or not. I know in my case when I use a site to learn coding, it will give me a challenge where I solve it and then I can look at the other solutions available. I would compare it to Trivia Crack, the iPhone game, as well but you get to choose the type of quiz you want to take. I would just like to make it very streamlined where once you finish all the quizzes with a decent score, it will just display that you have finished all the quizzes! I think my website won't be much too different from all sorts of quiz and grade reporters but I'm going to make an attempt to make one that looks nice and functional.