Introduction

For my final project I would like to use the Github API, to create a social website for developers. This site would allow developers to communication, provide information and general share of knowledge. **“Developer Alley”**, is essentially a resource tool similar to other social apps such as “Slack”, “Twitter” or “Facebook”. The purpose of this app is that it will provide access to information and resources that will ensure the success of developers.

***1.What tech stack will you use for your final project?***

I plan on using React and Node for this project.

***2. Is the front-end UI or the back-end going to be the focus of your project? Or are you going to make an evenly focused full-stack application?***

I plan on focusing mainly on the front-end UI at this time with the hopes to add more features to the app at a later time.

***3. Will this be a website? A mobile app? Something else?***

The primary goal will be a website for now and then a companion mobile app later.

***4. What goal will your project be designed to achieve?***

The goal of this project is to allow developers of all levels to communicate and share with other developers. This will be a more simple of version of other social websites with the hope it will grow through collaboration with other developers.

***5. What kind of users will visit your app? In other words, what is the demographic of your users?***

The primary demographic of my users will be junior developers, however the information is available for all developers.

**6. What data do you plan on using? How are you planning on collecting your data? What kind of data you would like it to contain.**

As of right now, the data I plan on using depends primarily on the API. I am focusing on getting developer 5 most current repos depending on the developer to provide their Github user name in their profile.

***7. In brief, outline your approach to creating your project (knowing that you may not know everything in advance and that these details might change later).***

*a. What does your database schema look like?*

I want to have a schema that includes users, staff, schools, students, level of grade and perhaps a rating or point system.

*b. What kinds of issues might you run into with your API?* I may run into limited data based on pay walls with the API I have chosen. I may have to generate fake data just to get the application up and running.

*c. Is there any sensitive information you need to secure?* I want to make sure that users' information and staff information is secure. As for schools and ratings of schools this should be transparent information available to the public.

*d. What functionality will your app include?* The main functionality my app will include is the ability to locate a school based on its rating. More specifically what services do they offer for children with disabilities.

e. What will the user flow look like?

I want to keep it simple and have a basic login/signup, search feature and a rating or review feature. I would like to have information available to everyone who signs up, but somehow accessible for those who just want the information.

*f. What features make your site more than a CRUD app?*

If I have the time I would like to have an email feature built in or even a gallery management for those users that want to see pictures of schools to plot their day-to-day-goals.

*What are your stretch goals?*

One goal I would like to see implemented at a later date is to have an event calendar so families have a single place to see potential events that they might want to have their child sign-up (sports, open play-dates, extracurricular activities etc.)