**iHERO**

(Hero directory)

***Q.1:*** What goal will your website be designed to achieve?

***A.1:*** Users will be able to get information and contribute to the hero database via form requests. Requests will be moderated and accepted or denied. Based on approval; database will be updated with new information suggested by the user.

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***Q.2:*** What kind of users will visit your site? In other words, what is the demographic of your users?

***A.2:*** All demographics could potentially be interested in using this app. Young and old, superhero fans are everywhere.

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***Q.3:*** What data do you plan on using? You may have not picked your actual API yet, which is fine, just outline what kind of data you would like it to contain.

***A.3:*** Using the Superhero api, that contains over 700 different heroes (good or bad). They have information regarding the appearance, bio, powerstats just to name a few.

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***Q.4:*** 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). Answer questions like the ones below, but feel free to add more information:

1. What does your database schema look like?
2. What kinds of issues might you run into with your API?
3. Is there any sensitive information you need to secure?
4. What functionality will your app include?
5. What will the user flow look like?

***A.4:***

1. The schema will be a many to many relationship requiring multiple tables to handle the relationships of the information regarding each hero similarity and difference.
2. The api could potentially do down unexpectedly, a version change with updated/deprecated endpoints that could break the app, or the api is no longer in service.
3. The api requires a key that will need to be imported from a separate file and a user login for register/auth privileges.
4. The user will be able to obtain information on many different heroes in a wiki style of sorts with personal details usually unknown to the average fan. The api has some information “unknown” that users can submit changes to or fill in the missing information via request forms on any given hero and attribute to be included in the database.
5. The user flow will be fairly straight forward. The user will be met with a welcome page displaying a “Did you know” about a random hero everyday. They will have a navbar to navigate heroes by affiliation, gender, which publisher they belong to and many more filters. They can also view all heroes. On each hero profile there will be a contribute link that directs them to a form to request changes or add information that is not available on that certain hero. All requests must be reviewed and authorized before they take effect and the form must have resource references on submission of request to validate their claims.