

Date	Activity
10/19/21	Got a partner in class, we talked about a few different ideas: Harry Potter, Bob Ross, Apples.
10/24/21	<p>Read online about what is an API</p> <p>Looked at the API site in the project document. There is a harry potter characters API listed.</p> <p>Looked at Google for other APIs</p> <p>https://github.com/theDavidBarton/the-harry-potter-database has books, characters, spells, and potions</p> <p>https://www.programmableweb.com/api/harry-potter has spells, characters, houses and sorting hat</p> <p>https://www.wuyuanchen.com/how-to-use-the-harry-potter-api/ has information on how to use a certain HP API</p> <p>https://api.bobross.dev/ has Bob Ross quotes</p> <p>https://github.com/jwilber/Bob_Ross_Paintings has a catalog of every painting/episode</p> <p>I was pretty much unable to search for any API or data about apples because of google thinking I was asking about the company and not the food.</p> <p>Cloned Jason's repo and reviewed the contents</p> <p>Contacted Jason to set a time to meet</p>
10/26/21	<p>Met with Jason to review proposal expectations</p> <p>Narrowed down idea list to 4 main features: sorting hat quiz, character selector, potions, spells. May add more features if time allows. Jason will do quiz and spells, I will do characters and potions. They will have different attributes but the same basic functionality would apply.</p> <p>Discussed ideas for the homepage, using cards filled with the images Jason has found, may be able to implement card image changing on a time interval which was touched on in class today.</p>
10/27/21	<p>Worked on proposal slides</p> <p>Started looking closer into APIs listed above. The programmableweb link leads to a site that is no longer available. The tutorial site leads to the same unavailable API but also has a second one which has a less extensive character list but also a list about Hogwarts staff which could be useful for an additional feature if time allows.</p> <p>The live site for the The Harry Potter Database is located at https://the-harry-potter-database.herokuapp.com/. To access the information you simply append the URL with the route such as '/api/1/books/all' and it returns a list of entries for each book. A parameterized search can also be entered. I will need to look up how to make a get request.</p> <p>Found a wireframe generator site and planned the appearance of my pages.</p>
10/28/21	Met with Jason to review slides and discuss proposal presentation. Agreed on who will do what to finish the proposal.

11/1/21	More research on the API to finish that slide. Reviewed presentation with Jason and agreed it is ready to submit.
11/2/21	<p>Presented proposal to class. Caterina suggested we don't really have any "visualization" going on, review pokedex example for an idea. I reviewed the pokedex site and they have basically the same type of information but the cards have a "flipping" effect that changes when you hover over the character. The original result is name and picture, and stats/bio is displayed when the card is flipped. Other students also talked about doing comparisons between data points. This could be done with characters like just take the same information but only display 2-3 and in a table layout, highlighting what they have in common or different.</p> <p>Found that the smaller character set API (https://hp-api.herokuapp.com/) has images for a lot of the characters. This will make a better experience especially for visualizations on the site so I will probably be using that one instead.</p> <p>Started planning character search page layout and how search could function. I'd like to let them build the search form by selecting which attributes they want to search by (then javascript would put the relevant input elements on the page). I'd also like them to be able to customize whether searches are AND or OR, such as (gender:female) AND (house:Slytherin OR house:Gryffindor) which would return all female members of both Slytherin and Gryffindor. I will start with a more basic version with the search attributes in the html and typical AND search. When that is working I will try making it more complex</p> <p>A lot of messing around with the json in node to try to understand how to work with it</p> <p>Started html file for character page</p>