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My Project Changed From The Proposal

My project proposal included the idea of a project called "Revolution" that planned to use the We The People API by the White House to create an app that would help citizens be active changemakers. Unfortunately, I found out that the API needed government approval to be used and would first verify your entire application before giving you the API (read more: https://petitions.whitehouse.gov/developers/apply). Since that did not seem plausible, I moved on to other ideas.

I soon came up with the idea of using an API that had information about materials and their recyclable, compostable or degradable nature. I found the Earth 911 API that had such a directory. After doing the resource writeup, in which I talked about this project, I came across the fact that Earth 911's API was no longer working since their API Request page (http://api.earth911.com/docs/chapter/1/) which led to a way to contact them (http://vertigent.com/contact-us/)was no longer functioning.

I started thinking of other ideas and came up with GottaGo!

GottaGo!

Society is, unfortunately, unfair to minorities. A very big example of this is the lack of amenities especially bathrooms when it comes to transgender, intersex, gender non-conforming and disabled people.

Therefore, I came up with GottaGo!

GottaGo! allows our users enter a location and check options such as "Accessible", "Gender Inclusive" or "Child Friendly" options to search for bathrooms that are accessible, all-gendered and/or have changing tables near the location they have entered.

I make use of Geolocation by Google's API to get the coordinates of the location entered by the user and then use the Refuge API (https://any-api.com/refugerestrooms_org/refugerestrooms_org/docs/API_Description) to get a list of bathrooms around that area. After filtering, on the basis of the filter-options selected by the user, the app shows a list of bathrooms that would suit them, information about how to get there, the distance and a list of all other amenities they exhibit.