

## User Testing

Audience Target: Sisters of Alpha Phi Gamma

When testing I mainly asked them what they would like to see more of or less of, and how each feature would be useful to them. There was 1 of testing and research and two rounds of fixing before I finished with the main result.

### Round 1

Map painted with points vs Google Maps?

The app didn't have google maps on there yet, it just had a map with pin points. I asked my them if it would be better to have something that can zoom in and out since some of our chapters are close to each other. The responses were mainly that yes it would be nice to have a feature like that. This was later created using the Google Maps API and the location points are the addresses of the schools that our sorority lies under.

What features are a bit frivolous?

Their answers summarized was that it's not necessary to have the images of every single person on the app since that seems like a lot of work to collect and not everyone would be ok with their image being on something like an app. The older sister's decades ago also don't have things such as Facebook or don't care much for it. So, in short having just a list is more than enough information.

Do you see yourself using this?

Most if not all of the answers were yes, they could just be saying it to be nice..but most sisters said that they would use it to look up nicknames as no one in our sorority is supposed to have the same nickname. When coming up with one we usually check our national list or ask around to see if anyone has that nickname. In an organization of more than 1000 people this is hard to keep track of. So this gave me the idea of adding a search within the About Us page to give them the option of searching through the nicknames. Currently there are only 7 that are in the database, if possible I would love to add everyone in there in the future.

### Round 1 Fixes

- Implemented Google Maps for chapters
- Added UIC members into the google sheets database

### Round 2 Additions

- Added search option and entered information into indexedDB
- Added some images into media section

## References

### Google Maps

- Used code from project 4 as well as from google website
  - o <https://developers.google.com/maps/documentation/javascript/heatmaplayer>

### IndexedDB

- [https://www.tutorialspoint.com/html5/html5\\_indexeddb.htm](https://www.tutorialspoint.com/html5/html5_indexeddb.htm)

### Manifest.json

- Used code from airhorner lab 8

### Cache-polyfill.js

- Also from airhorner lab 8

### Sw.js

- From service worker lab

### MDLite Layout

- Used layout
  - o <https://getmdl.io/components/index.html#layout-section>

### Search Bar Form

- [https://www.w3schools.com/html/html\\_forms.asp](https://www.w3schools.com/html/html_forms.asp)