

For the big project, you'll demonstrate your knowledge and skills by building a Mobile Progressive Web App that meets these requirements.

1. Includes at least 4 screens;
2. UI built using Material Components for the Web (not just parts of it -- all of it, including the typography);
3. Retrieves data from at least two different data API domains (i.e., you can't meet the requirement with two City of Chicago Data Portal endpoints or two NY Times endpoints);
4. Includes a visualization (map, chart, or ?);
5. Stores and retrieves data from the IndexedDB;
6. Utilizes some hardware feature (sensor, camera, microphone, geolocation, etc);
7. Includes a Service Worker;
8. Functions offline (due to cached assets);
9. Installs on device (due to Web App Manifest)

I won't be evaluating your app concept; you can build your own version of some popular apps.

If you're letting users filter some data using a form, include at least three controls/fields that they can filter on (not just zip code, for example.)

As part of your development process, you **must** do some user testing. Ask someone other than you to try your app and to give you feedback. Your repo **must** include a testing.md file that describes the user testing that you did, the feedback you received and the modifications you made as a result.

Your project should be accessible on the replit project named it202-spr22-bigproject and via GitHub pages at a repo named **it202-spr22-bigproject**

Your repo **must** have multiple commits that show your development over time.

Rubric

Item	Scoring			
	Missing	Somewhat	Mostly	Complete
Includes at least 4 screens	0	1	4	5
UI built using Material Components for the Web	0	1	4	5
Retrieves data from at least two different data API domains	0	1	4	5
Includes a visualization	0	1	4	5
Stores and retrieves data from IndexedDB	0	1	4	5
Utilizes some hardware feature	0	1	4	5
Includes a Service Worker	0	1	4	5
Functions offline (due to cached assets)	0	1	4	5
Installs on device	0	1	4	5
Repo includes testing info	0	1	4	5
Total				50