



Join at
slido.com
#ucla

Beyond Web Development and GIS for Social Change: Critical Data Studies for Transforming Civil Society

Liz Andrusenki
Ronnie Blanche
Harry Frahn
Luigi Magdamit
Cynthia Orozco

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Emily Suh
Abita Venkatesh

Edmond Wen
Albert S. Kochaphum
Week 6 | July 28th, 2021

Final lecture! How are you feeling?

- ⓘ Start presenting to display the poll results on this slide.

How are you feeling?

006



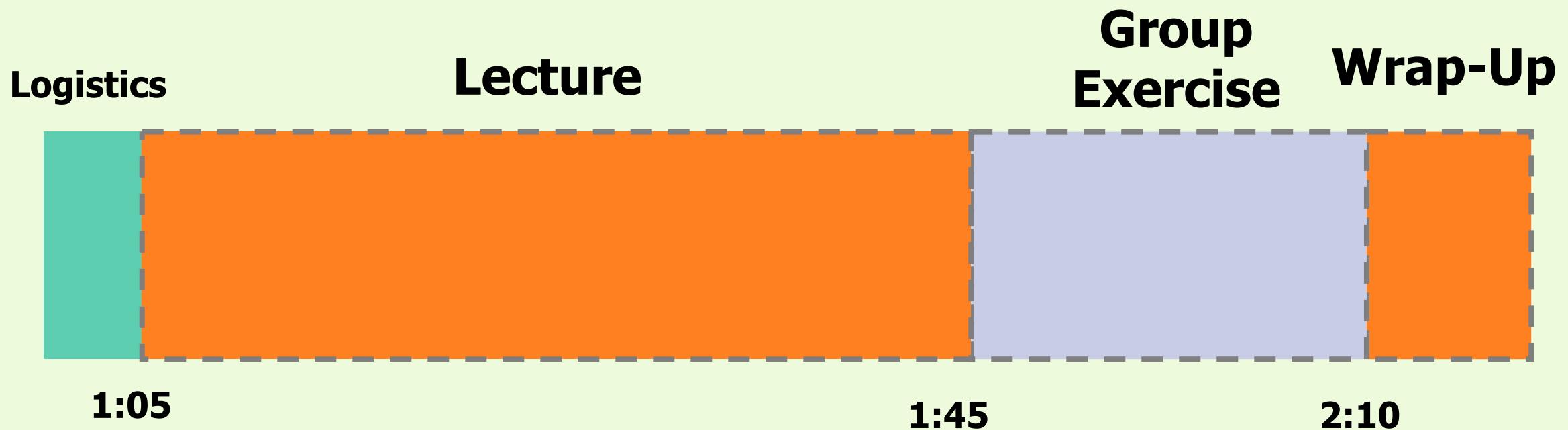
Relaxed CHILLIN
Peaceful tired Meh
excited!

First Slido Word Cloud



Top 50 Words Cloud

Today's Agenda



Final Presentation Guidelines

Point of the presentation:

Pitching the project to the audience, not simply demoing your website!

Presentation Guidelines

1. **Introduce** the project (< 30 seconds)
2. **Who** is the project for and why is it important? (2-3 mins)
3. **What** does your website do, and **how** does it empower people? (2-3 mins)
4. **Demo** of the website (or screenshots) (2 mins)
5. How would you like your project to be **used** in the **future** or **by the community members**? (2 mins)

https://github.com/albertkun/21S-ASIAAM-191A/blob/main/final_group_assignment.md#presentation-guidelines

Theme of the week

Thank you for an empowering 6 weeks!

Beyond Web Development and GIS for Social Change

**Enough stooling for time!
Wood you get on with the last lecture?**



All leveraged in different ways for social change

But don't forget this imbalance on technology



A CAUTIONARY TALE





Trending:

The best 5G phones to buy in 2021

5G News: Everything you need to know

MOBILE

Google Photos will start charging you for uploads today

By Christian de Looper

June 1, 2021 5:31AM PST

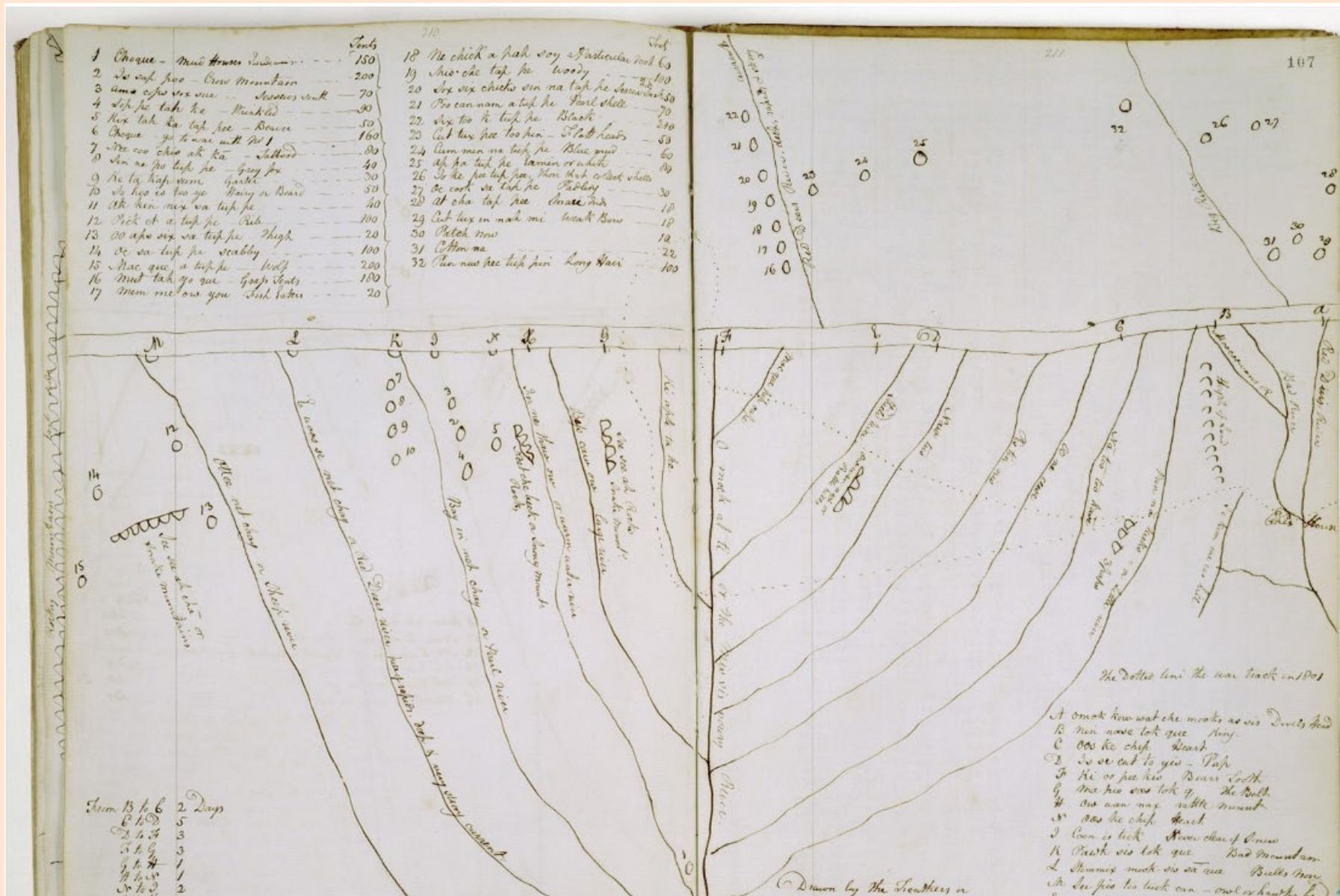


Google Photos has been one of Google's most popular services ever since it was launched in 2015, offering unlimited free photo storage at so-called "high-quality." As [was announced in November](#), however, that's coming to an end. Today, June 1, Google Photos will begin charging you for any [storage over 15GB](#).

It's up to you how you apply this class.

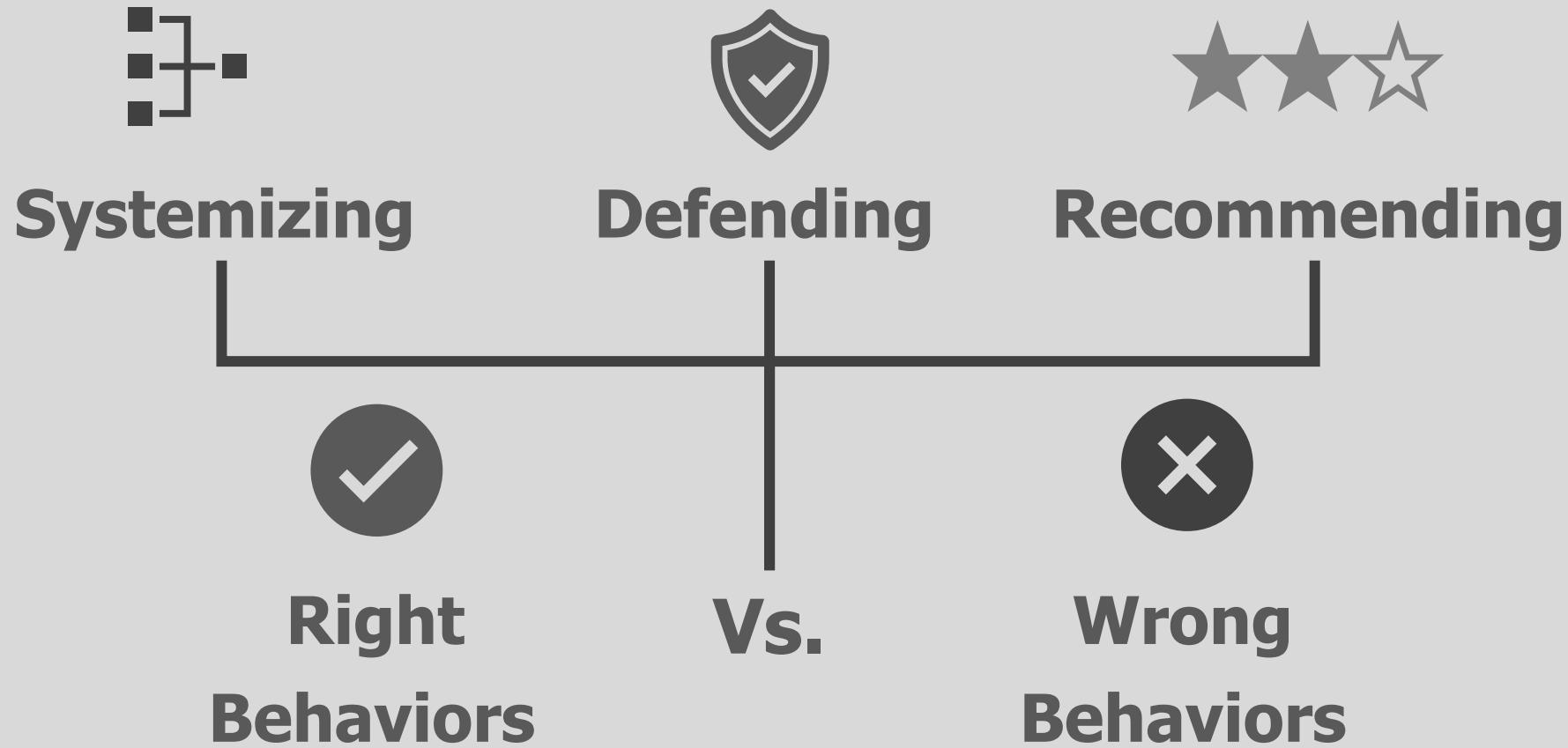


<https://www.ndstudies.gov/gr8/content/unit-ii-time-transformation-1201-1860/section-2-indian-maps-louisiana>



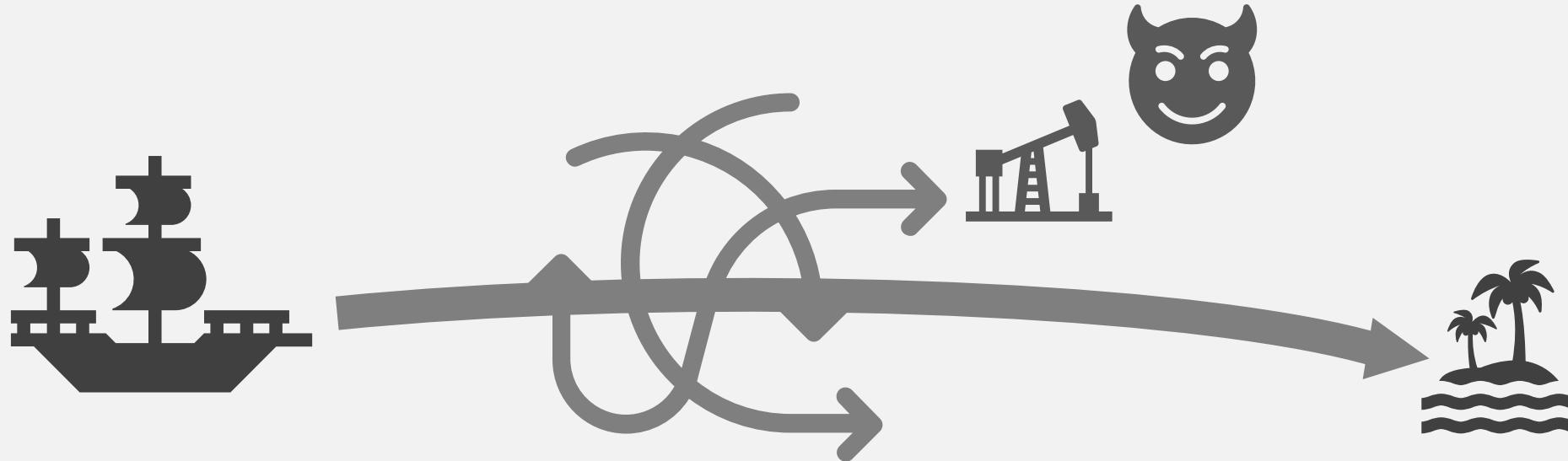
Remember this?

Ethics is about:



There are no **right** answers in ethics, but just thinking
about it is the first step in the **right direction**

Why? Remember this?



Decide where you want to be going with your mapplication.

Or external forces will decide that for you.

Be intentional and thoughtful

Without your ethics, you are following someone else's course.

With ethics in mind, you are all equipped to explore!



Open Source Web Mapping

3D Mapping



<http://examples.webglearth.com/>

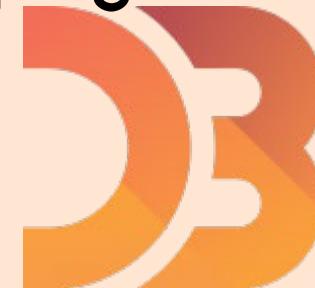


<https://github.com/wrld3d/wrld.js>

Complicated 2D Mapping



<https://openlayers.org/>



<https://d3js.org/>

<https://mappingwithd3.com/>

Open Source Web Mapping by companies



<https://cesium.com/platform/cesiumjs/>



<https://kepler.gl/>



<https://carto.com/>

Closed Source Web Mapping by Companies

ArcGIS API for JavaScript

<https://developers.arcgis.com/javascript/latest/>



ArcGIS StoryMaps

<https://storymaps.arcgis.com/>



Google Maps Platform

<https://developers.google.com/maps/apis-by-platform>

Mapbox GL JS

<https://www.mapbox.com/mapbox-gljs>

For this class...

Web development is not just about code

It's about developing a **web of connections!**

To software

To communities

To ethics

To each other

Remember this?

Design is relatively easy

Justice is hard

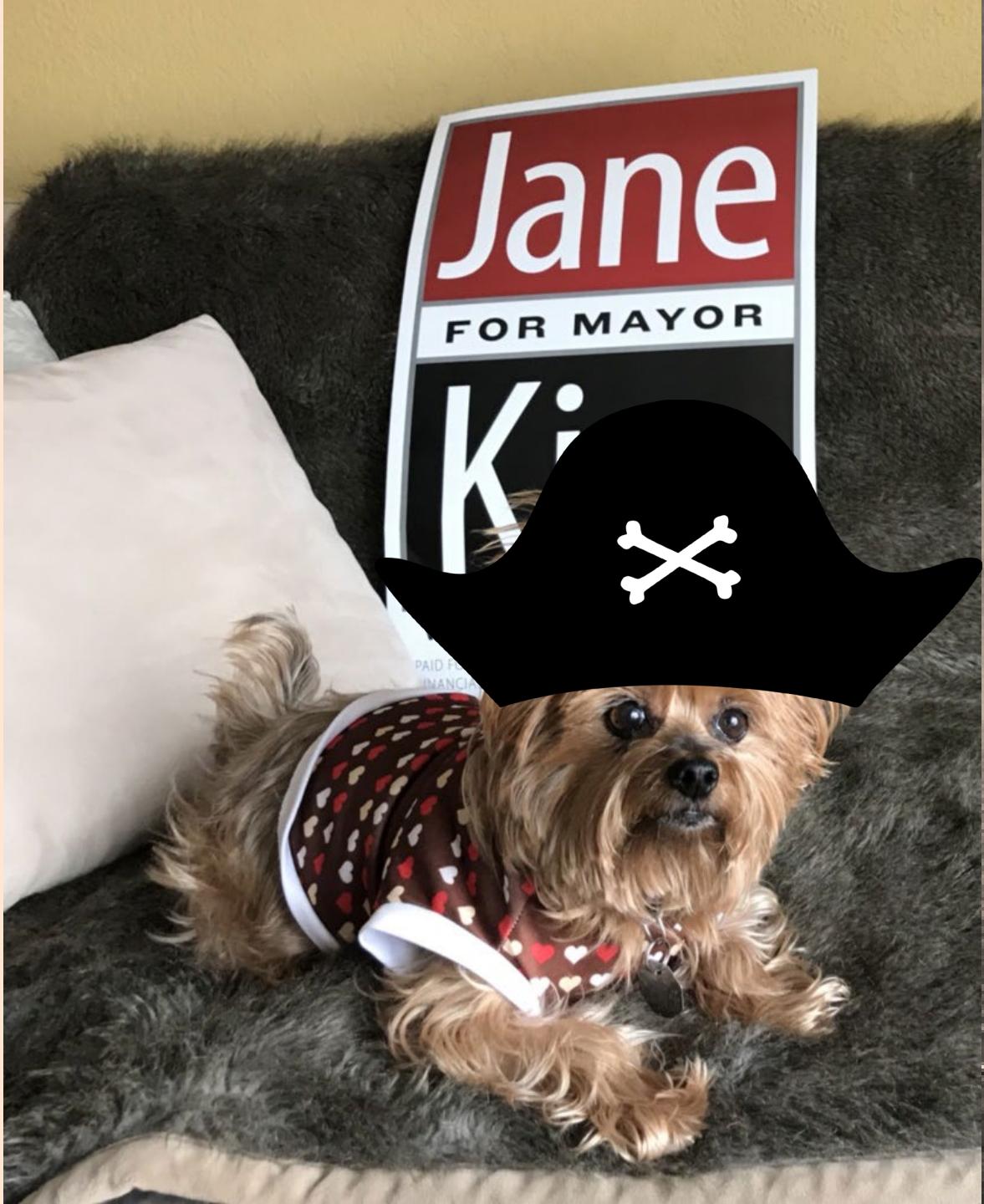
But...

You don't have to go at it alone.

We are **Linked**
together now!



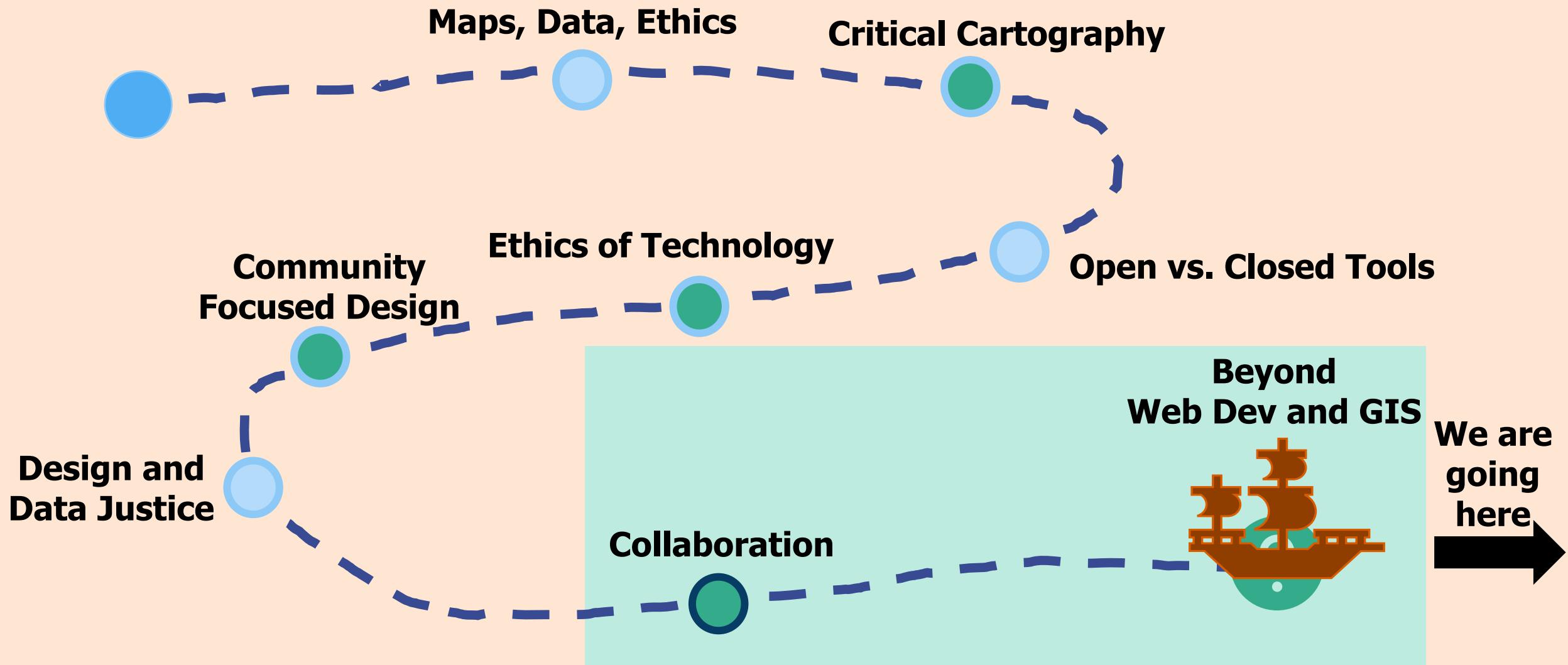
Our journey has come to an end...



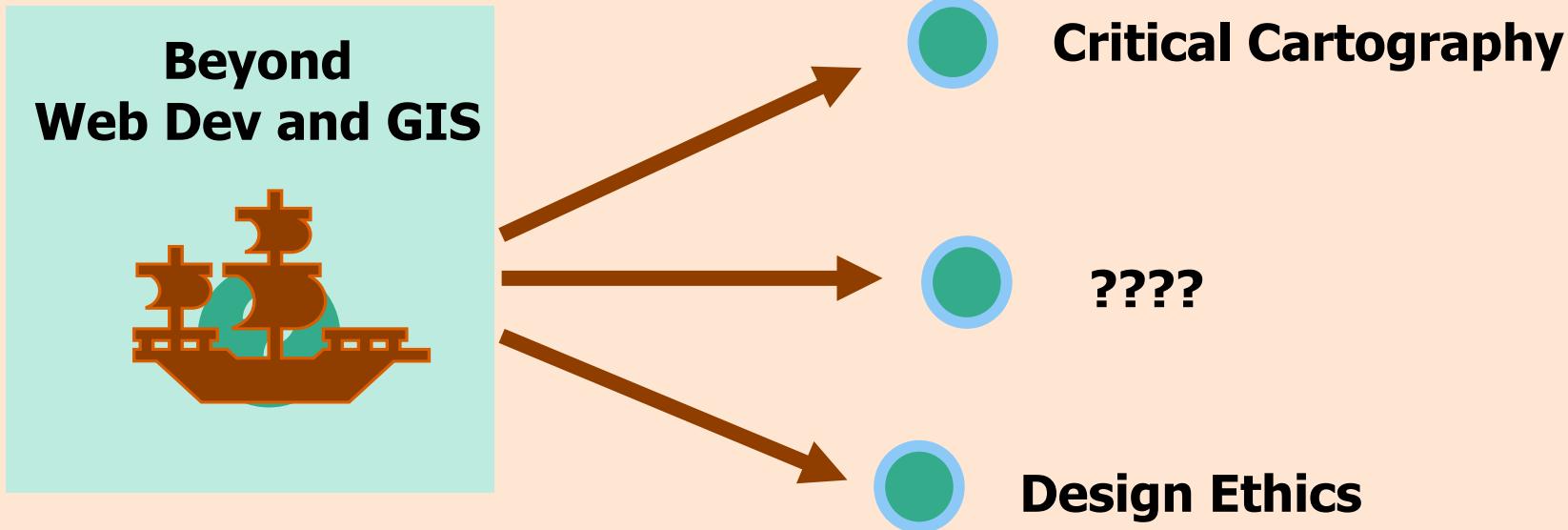
Hopefully it wasn't too
(Yorkshire) Terriarrrr-ble!



The Course

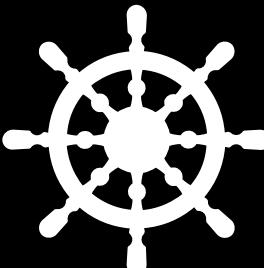


The End of a Journey...



Is the beginning of a new one...

IT'S DANGEROUS TO GO
ALONE! TAKE THIS.



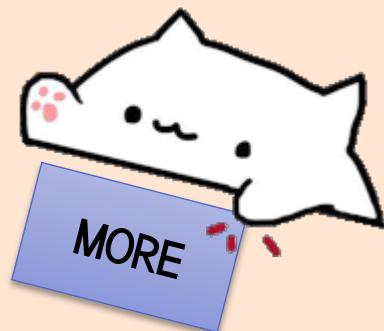
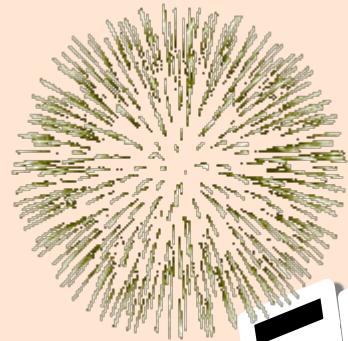
How do I know you will lead the ship well?

Because you all have shown you are great...

Thinking CapTains



visiting **the** **Voice**
find-a-wards



The Visiting Voice

Fin AI wards

1. <https://github.com/albertkun/211A-ASIAAM-191A/discussions/16>

Mariah Tso awesome looking ahead!



One example of this mentioned in the reading is the usage of counter-mapping by indigenous peoples to counteract European settler narratives of ownership and control. My first step to sharing these ideas beyond the class is to first apply them within my own day to day work so that I am fully committed to data justice.

-Edmond Wen

An ongoing issue that we've been discussing with GIS and mapping is how our current understanding of what maps/mapping and data gathering is very centered around an academic and very Western/Eurocentric notion of what's important and what GIS/data should look like. An example that I really appreciate is when our first guest speaker spoke about how Native culture is often seen as inferior or not legitimate in terms of their mapping practices.

-Ronnie Blanche

Likes you like you, Yoh Kawa-know What's up with focusing on communities

While data and design are intrinsically linked to communities, communities are often excluded, misrepresented, and ultimately harmed from both these fields who purport to help communities. Data justice and design justice are related in their attempts to actually help communities and strive towards actual solutions and liberation.

-Cynthia Orozco



Let's keep our peers in the Allison Lu-oop of this class



To share with people beyond this class, I believe that since many of our future paths will lead us to collaborate in projects some way or another (in professions, graduate school etc), we can critically ask ourselves and our peers what our design and collected data actually do to uphold our own definitions of justice and to help the communities in question.

-Abita Venkatesh



You are in charge of the ship!

Not just any ship though!

**SUPER
SMASH BRTMESES.**

ULTIMATELY

RelationShips

Remember this?

What is this course, really?

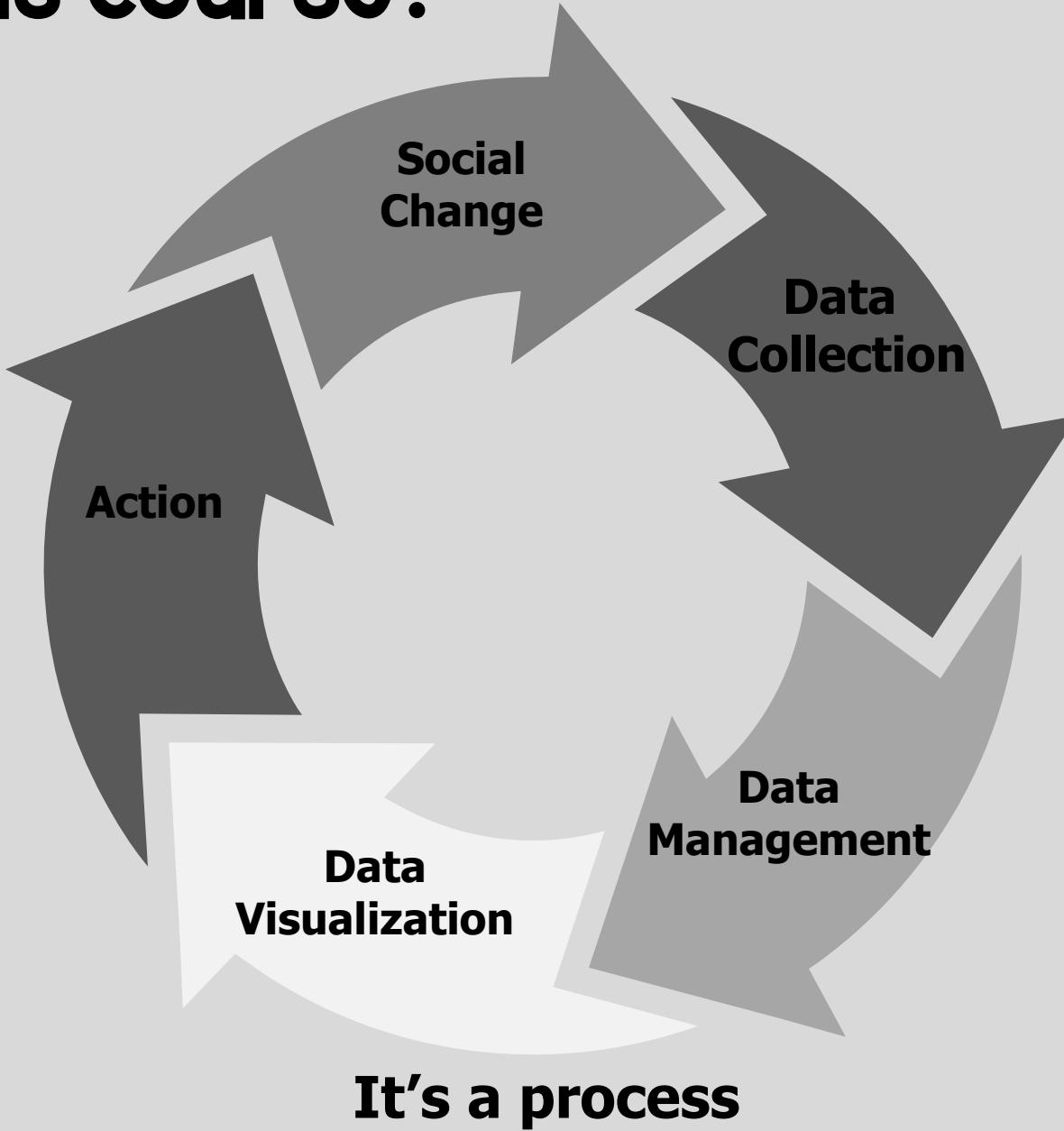


Tackling social problems together.

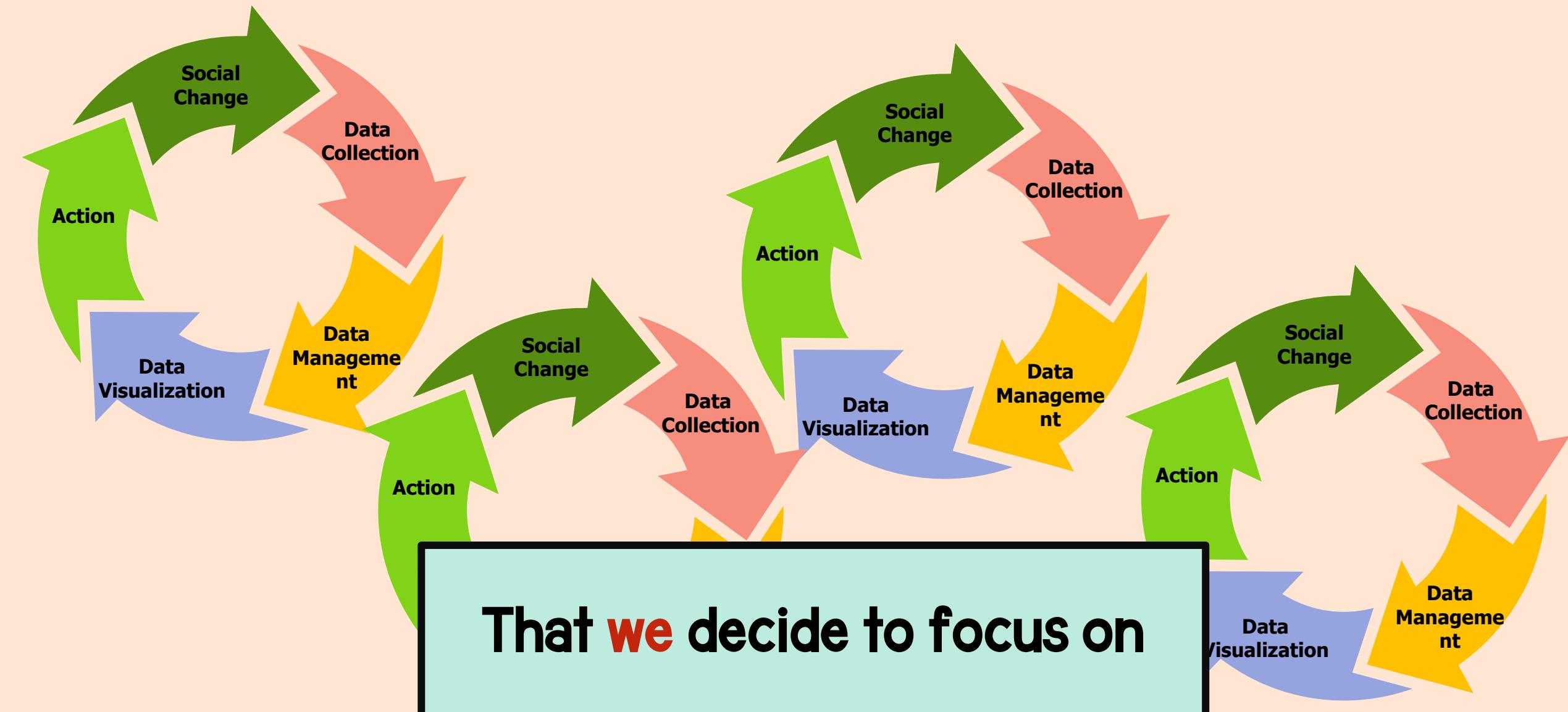


Remember this?

What is this course?



It's actually a collection of connected change processes



**Each Visiting Voice represents the relationships
between us and social change processes**

WEB DEVELOPMENT AND GIS:



CODING WITH MANY LENSES

Each Visiting Voice represents these processes



Weren't boxes separate from each other

Software development and design



Ethnography



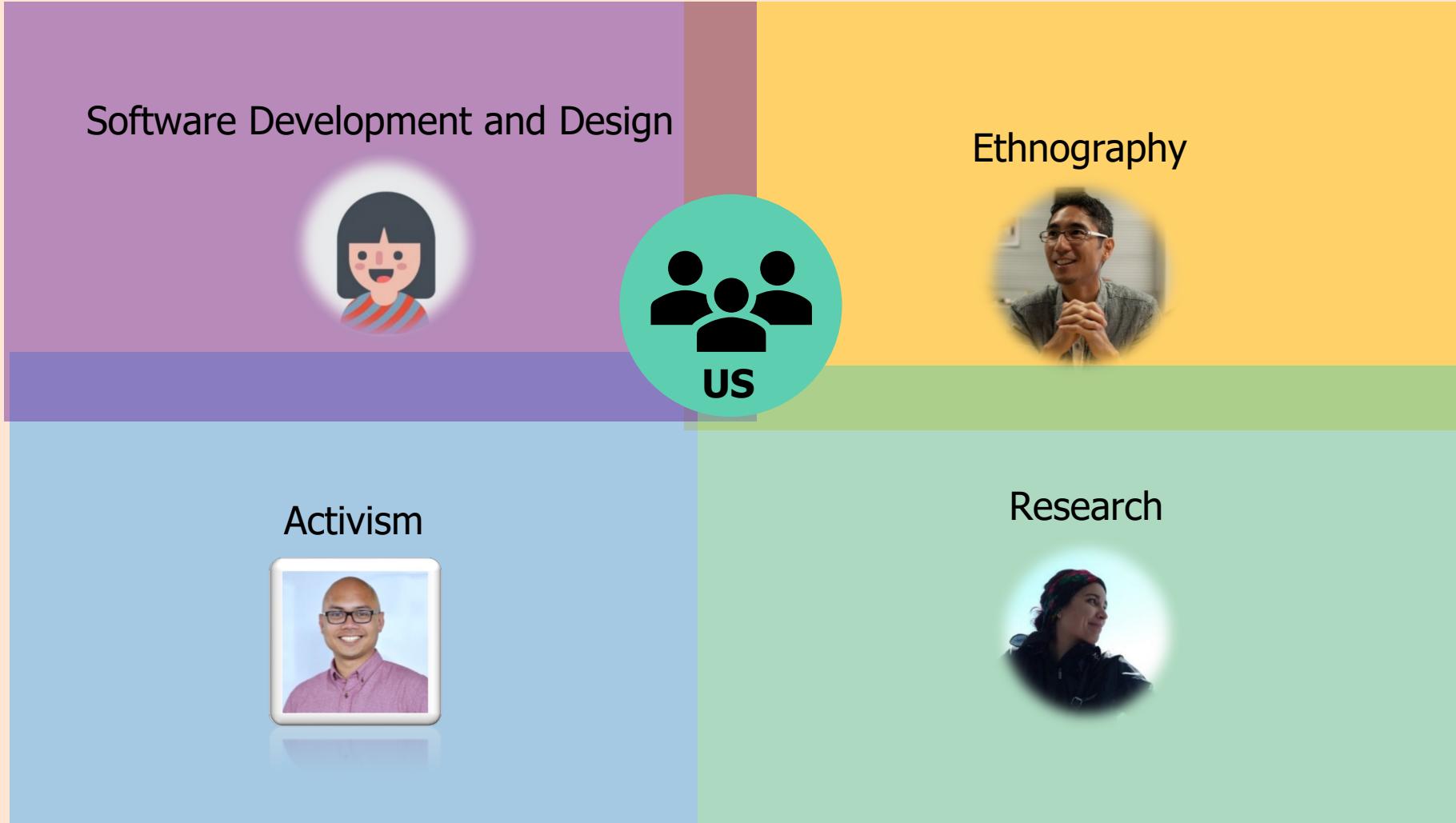
Activism



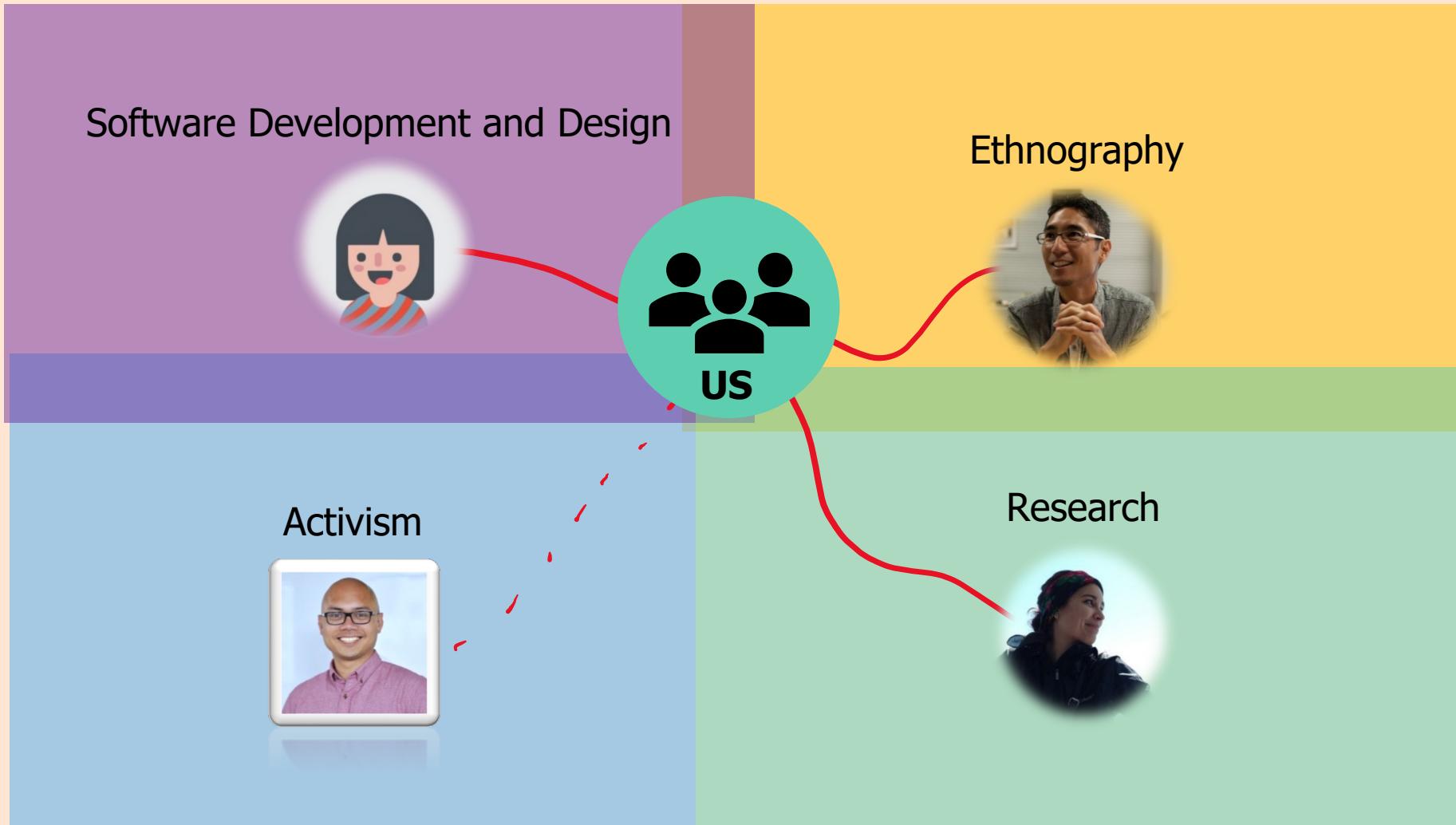
Research



They are interconnected non-boxes



Building our network together



Point of the visiting voices:

let myNetwork += yourNetwork!

One more JavaScript for the road:

```
let you = "Your Name";
let here = Date.now();
let message = "You finished the course" + you;

if ((you) && (here)){
    message += "and you are now my peer!"
    return message
}
else{
    message = "I spent way too much time than I should have
    preparing these slides."
}
console.log(message)
```

Time to flip the (Java)script: We are all peers now!

We **should** share our knowledge and experiences with those beyond this class.

Don't worry about...

Imposter Syndrome

Impostor



Everyone

Syndrome

Remember: this class is a continual process!



So, keep staying engaged!

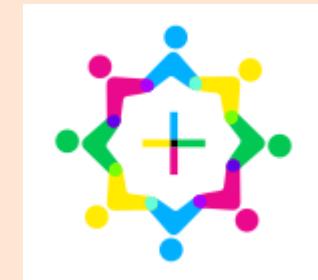
How?

GIS



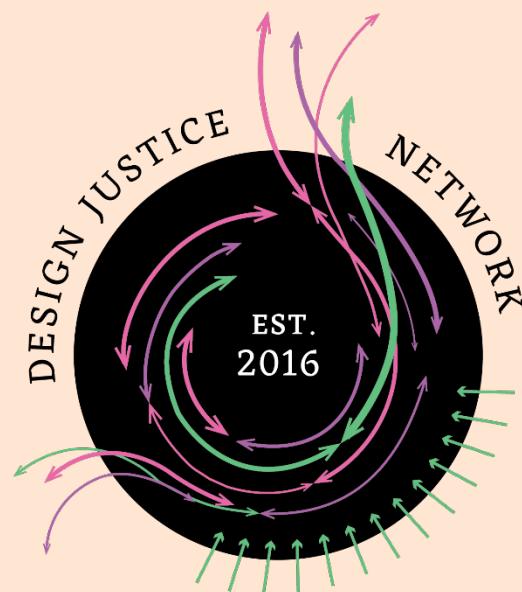
<https://gis-for-good-giscorps.hub.arcgis.com/>

Coding



<https://www.progcode.org/>

Design



<https://designjustice.org/>

Each of those have a “get involved” page

Best way to stay engaged:

Try something you are curious or passionate about and share that with the community to channel your energy

41.18. Case in point today



NEWS

As anti-camping zones return for LA City Council vote, some experts map impact of such limits

Team of public health researchers maps out just how much of city would be subject to such a ban, if the ordinance passes on Wednesday.

By **ELIZABETH CHOU** | hchou@scng.com | Daily News

PUBLISHED: July 27, 2021 at 6:42 p.m. | UPDATED: July 27, 2021 at 7:20 p.m.

How my involvement in this issue started:

June 29, 2021

06/29/2021

hi Albert! I was wondering if you're still around on Discord. We're in need of urgent mapping for the proposed 41.18 motion

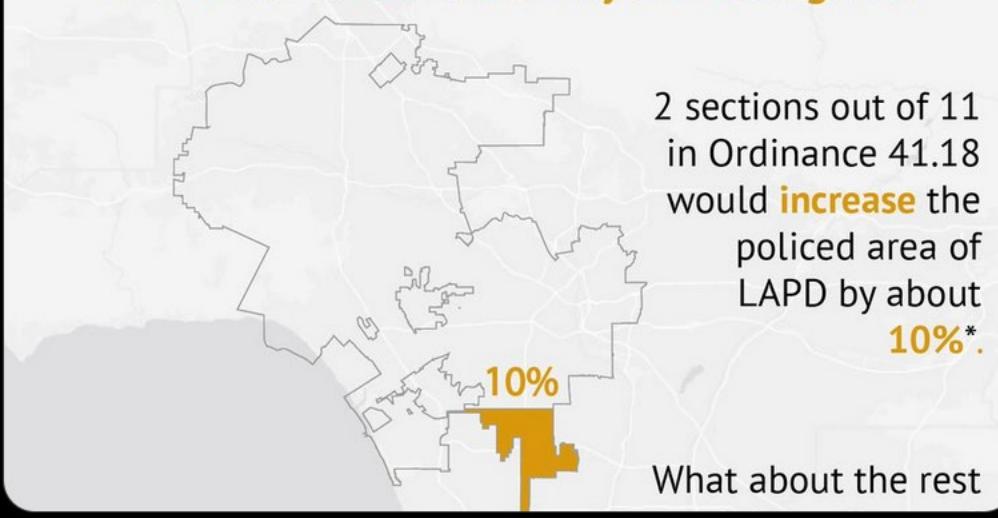
How its going:

 **Albert K** @albertkun · 3h ...

As a city we already spend way too much on policing in Los Angeles, why pass ordinance 41.18 to spend even more and further criminalize houselessness? We should be focusing on providing #HomesNotZones and a #Right2Rest.

More info:

Where can we be in the City of Los Angeles?

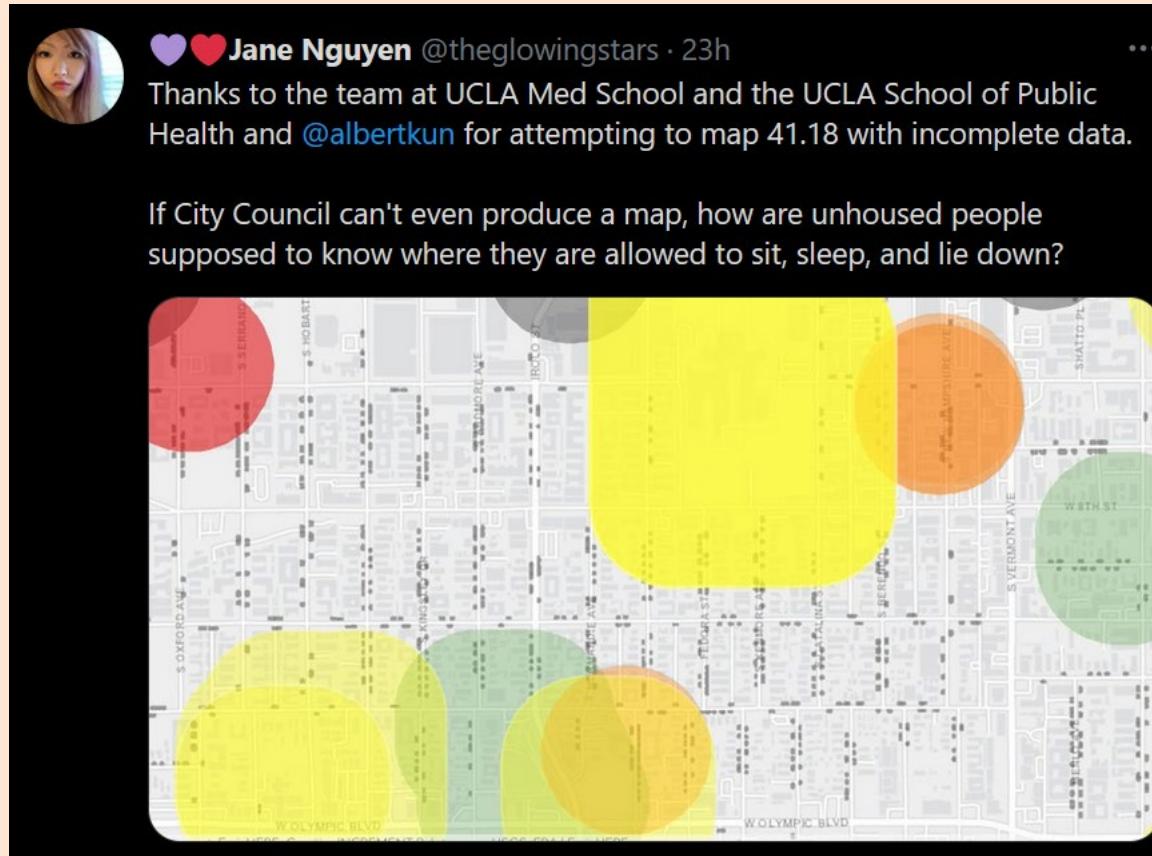


2 sections out of 11 in Ordinance 41.18 would **increase** the policed area of LAPD by about **10%***.

What about the rest

<https://twitter.com/albertkun/status/1420217742766993409>

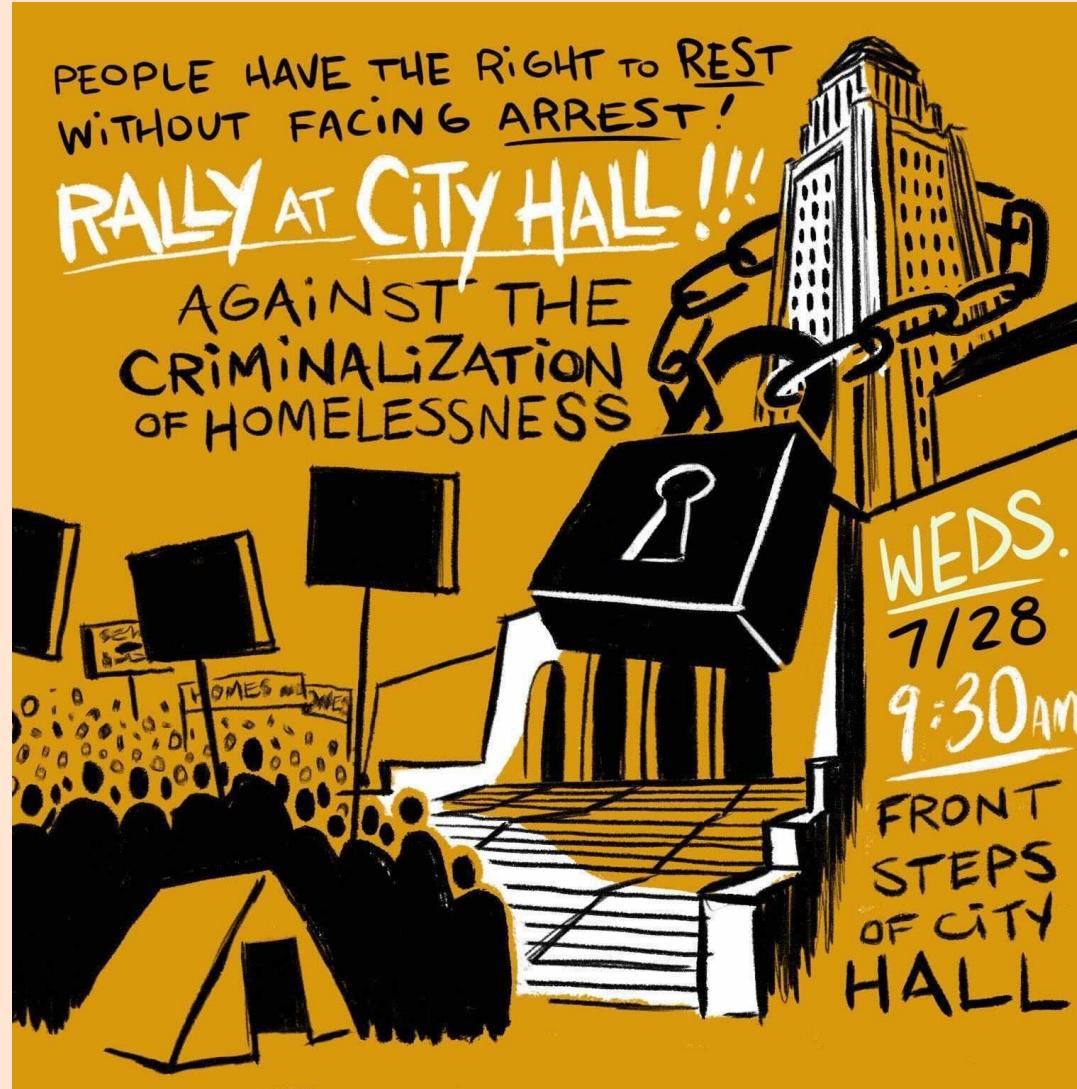
Community Organizations are always welcoming



↳ <https://ktownforall.org/>

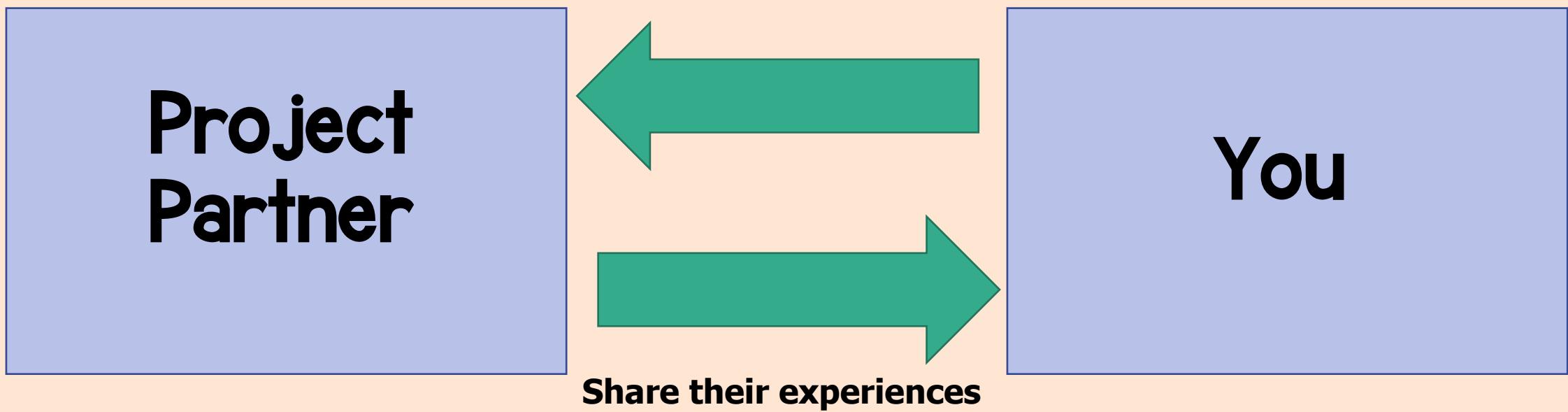
You just have to find some time for it, so...

Let's always pass on that goodwill forward!

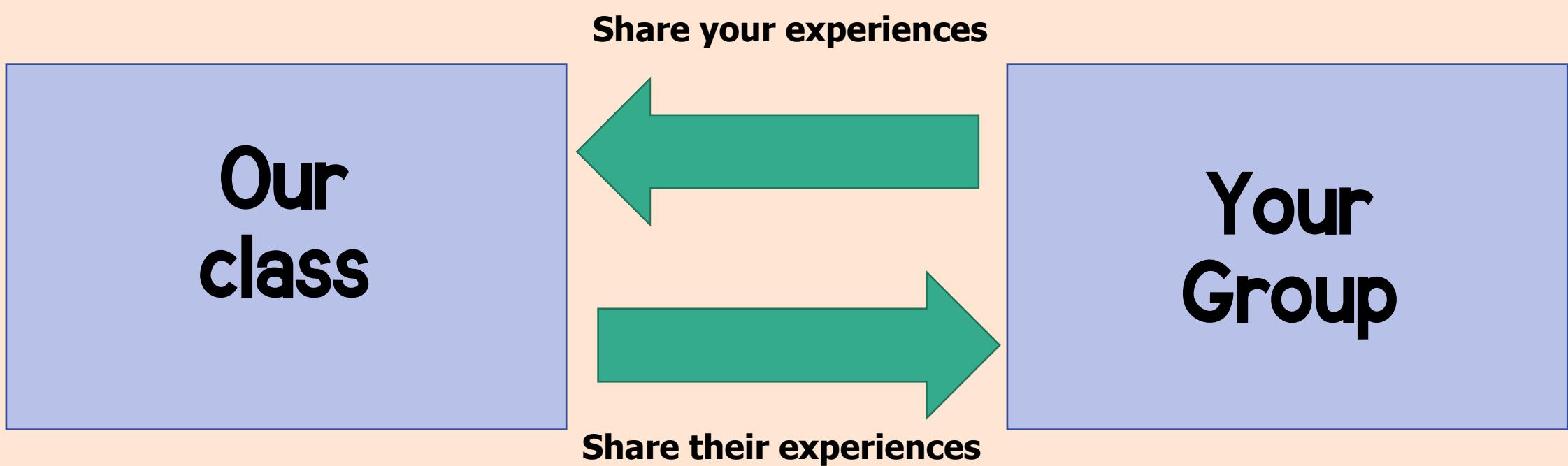


**The final project is your opportunity to put all
this into practice**

Final Presentations



Final Presentations



Closing Notes

Final Assignments

Friday 7/30

- **Rough Draft**

Sunday 8/1

- **Final presentation**

Monday 8/2

- **Extra Credit Thinking Cap**

Friday is a group workday focused on feedback from the rough drafts

I'll meet with groups individually to discuss feedback

**Class Material, GitHub repo, and Discussions
will always be open source**

<https://github.com/albertkun/211A-ASIAAM-191A/>

The Discord server will be around too!

ALumni Newsletter

Staying connected after the class

July "Welcome to Design Justice" Online Social

The [Design Justice Network](#) is having a "[welcome](#)" on [July 10th, 5pm PST](#)! I'd like to attend and also host a social event afterwards in the spirit of Lucy and not burning out, respond below if you'd like to participate in either the online social and the Design Justice webinar!

For the social I am thinking party games like, online pictionary, Jackbox.tv, and/or Among Us. We can also screen movies/shorts or raid Lucy's live stream! This event will take place on [Discord](#).

Register and learn more about the "Design Justice Network Welcome" here:
<https://designjustice.org/events-1/2021/3/28/welcome-to-the-design-justice-network-meeting-1pm-et-gmt-04-rethl-sylde>

I'm interested in this event!

Opport-June-ities

Here are some opportunities of interest:

[Paid] [June 21-24] [\$150] Asian American COVID-19 Public Service Announcement

Breanne Hamilton is a producer local to Los Angeles and her team, [Lion Heart Films](#), is working on a PSA about the importance of the COVID-19 vaccine for

<https://albertmaps.com/newsletter/>

Final Exercise

Final Individual Exercise

1. Live Share demo:

<https://marketplace.visualstudio.com/items?itemName=MS-vsliveshare.vsliveshare>

2. Go here and make a pull request!

<https://github.com/albertkun/211A-191A-Git-Practicing>

3. (*Optional*) Go to this Google Doc and find your name

https://docs.google.com/document/d/1MKUgUHEI8_6AQZH8RD_yksds3NzzTRAC-5AAHsA6EO0/edit?usp=sharing

One Piece of last advice...



Equivalent Exchange



Empowering civil society means that civil society empowers us all too.

Remember this?

**Our experiences and the communities we empower
is objective.**

~~Equivalent Exchange~~



Above all that, the experiences we share together have no equivalence.

If you are feeling **low** that this course is ending..

Then let's end on a



note:

This course never ends!

Why?

No matter where we go and what we do...

Web Development and GIS for Social Change: Critical Data for Transforming Civil Society

So, let's keep developing together!

THANK YOU!!

Stay in touch!



albertk@gmx.com



@albertkun