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Beyond Web Development and GIS for Social Change:

Critical Data Studies for Transforming Civil Society

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Week 6 | July 28th, 2021

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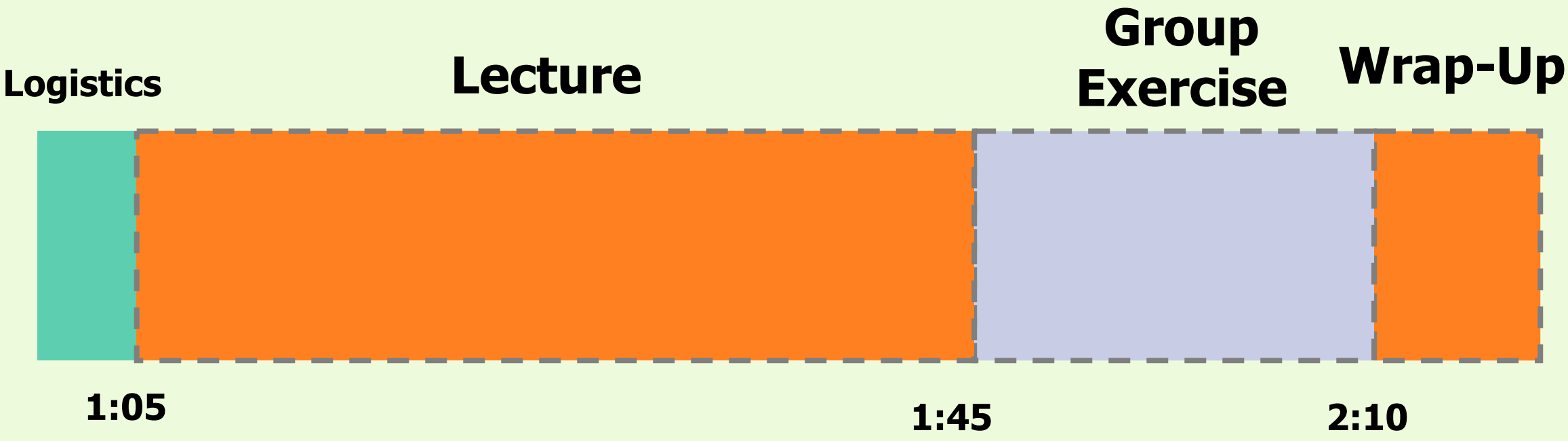
Final lecture! How are you feeling?

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

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
imgflip.com

MOBILE

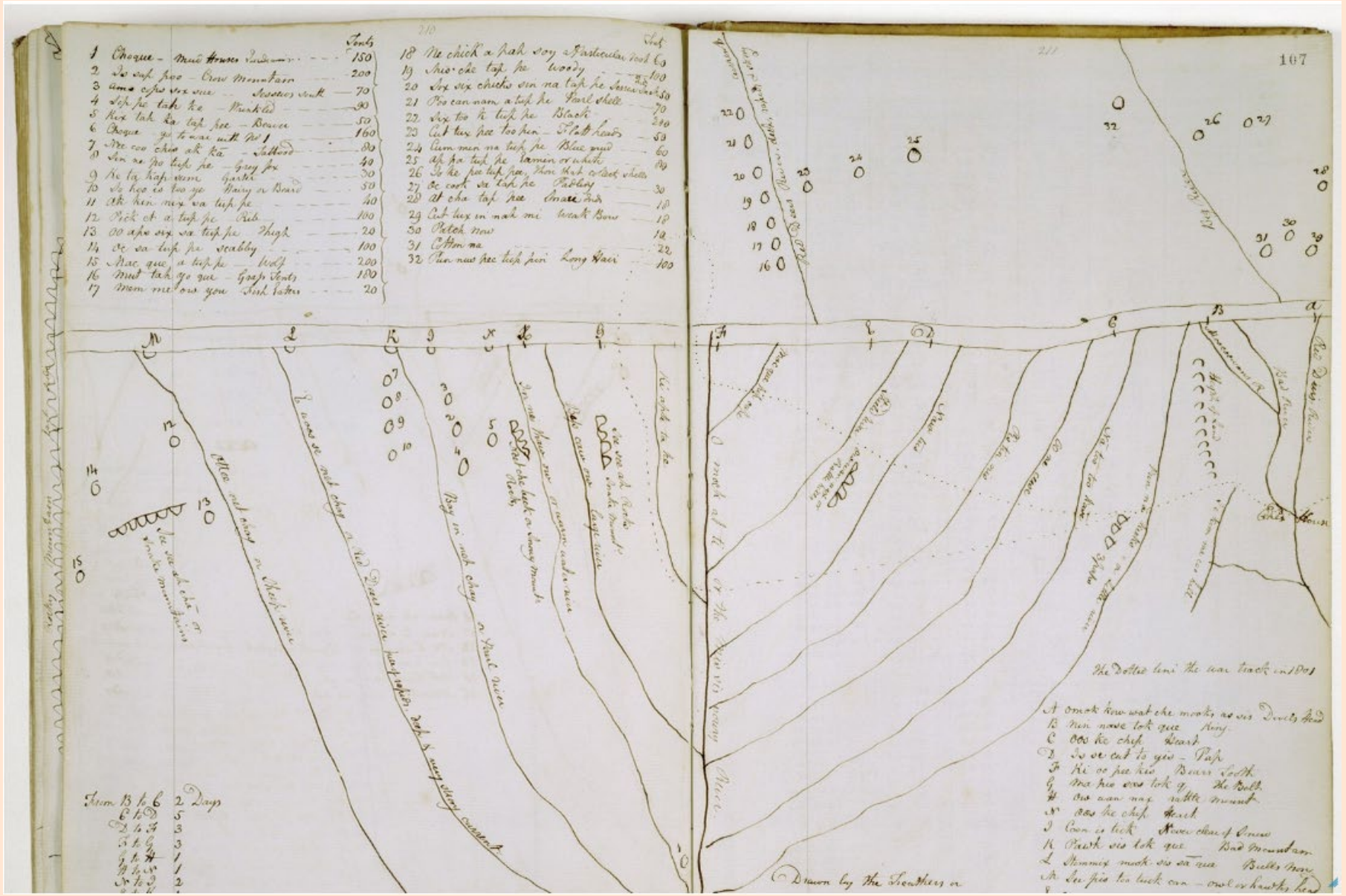
Google Photos will start charging you for uploads today

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.

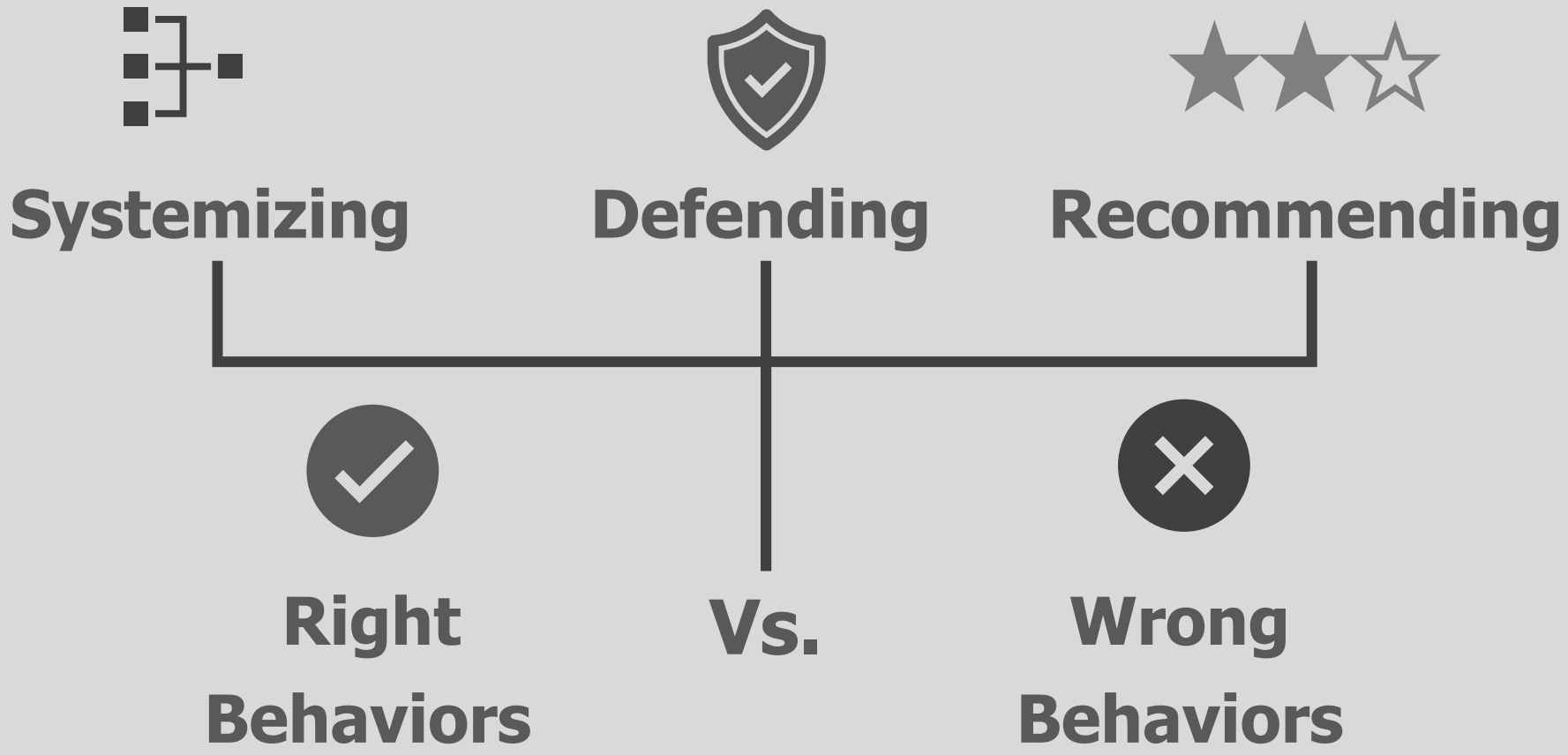
https://www.ndstudies.gov/gr8/content/unit-ii-time-transformation-1201-1860/section-2-indian-maps-louisiana



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

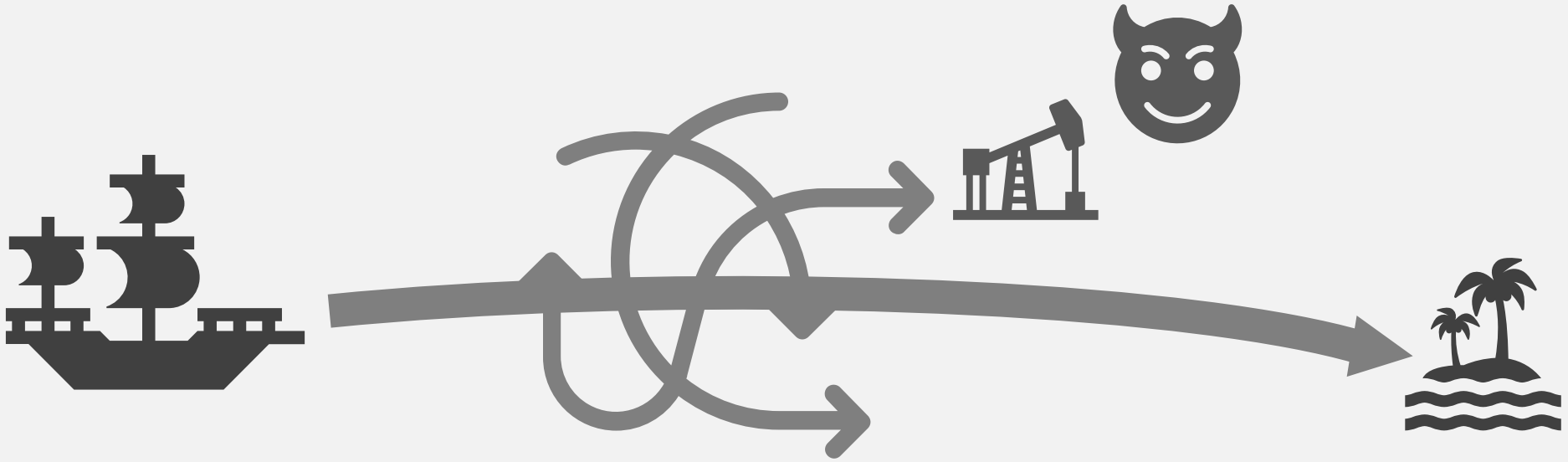
Remember this?

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/

Mapbox GL JS

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

Google Maps Platform

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

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

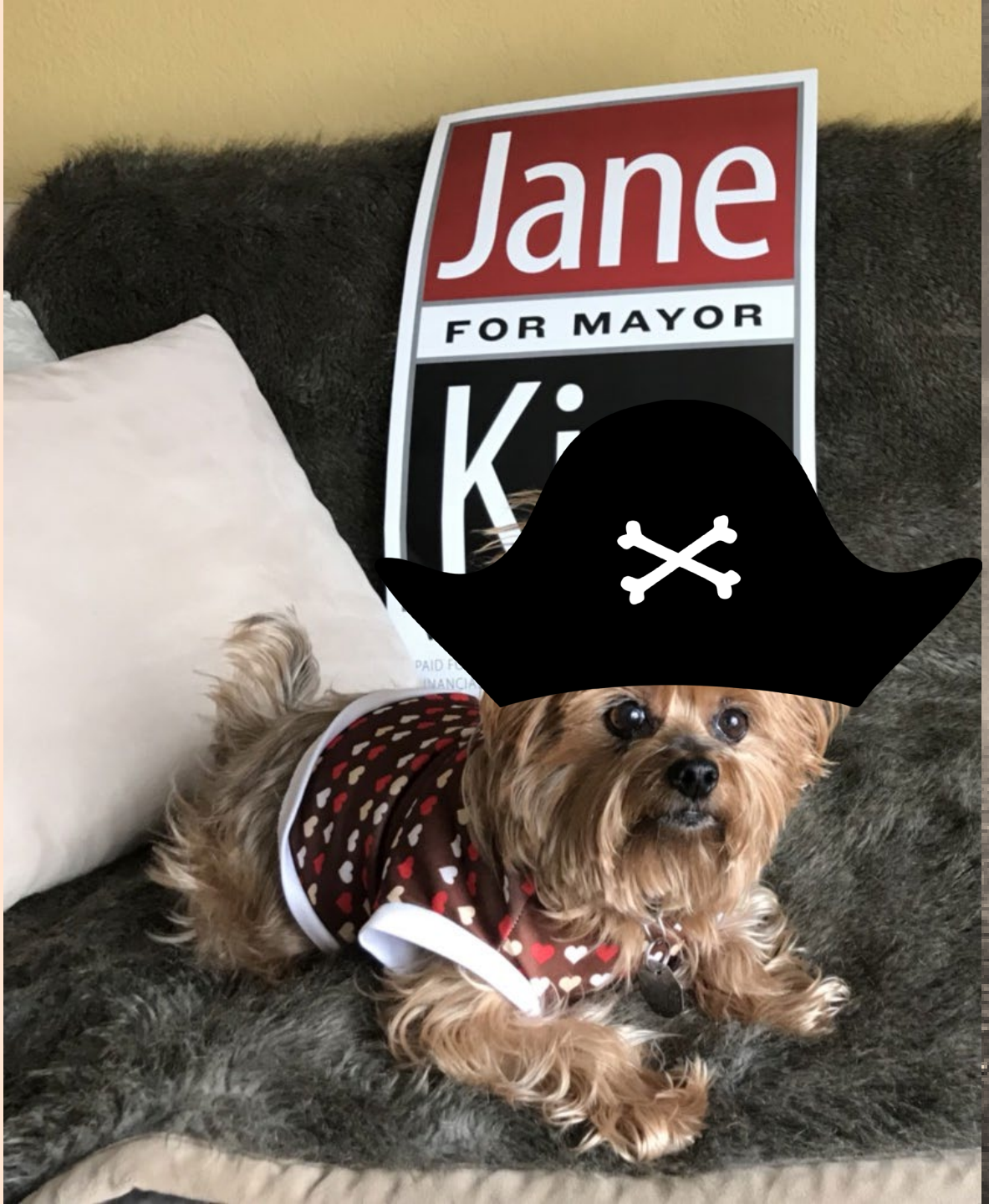
Justice is hard

But...

You don't have to go at it alone.

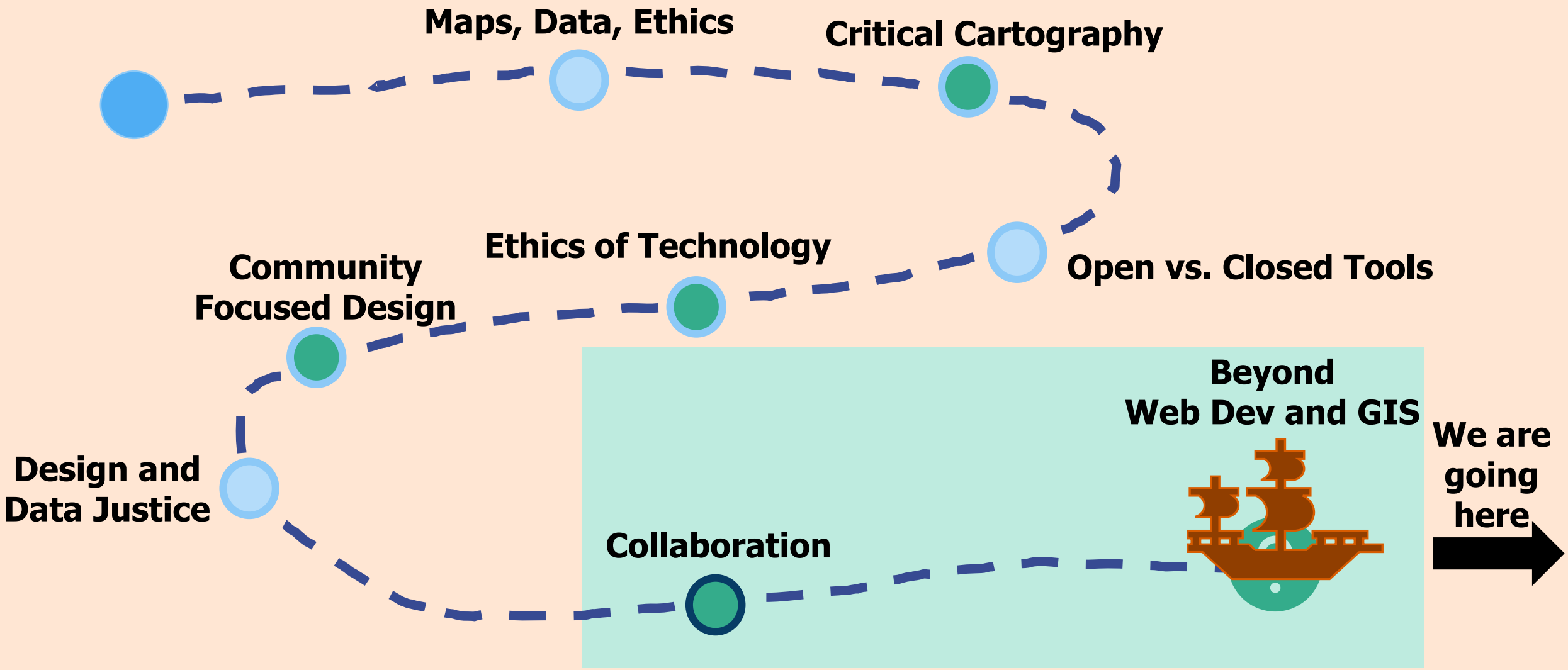
We are Linked together now!

Our journey has come to an end...

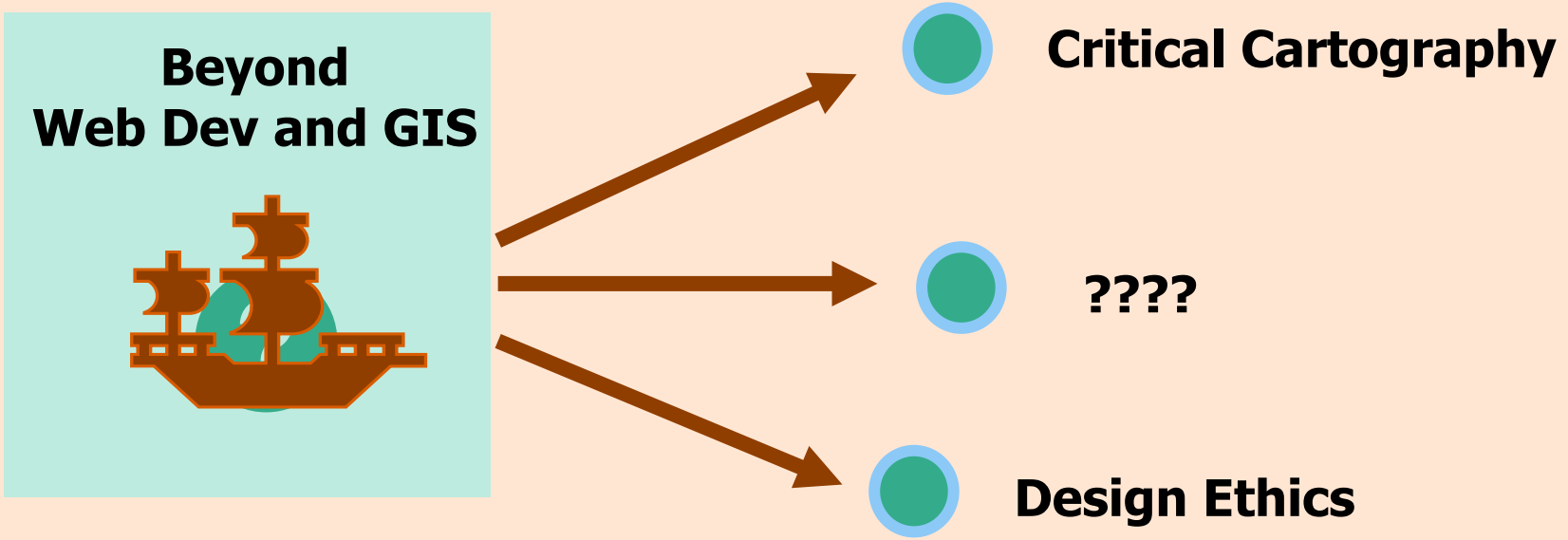


Hopefully it wasn't too (Yorkshire) Terriarrr-ble!

The Course


Maps, Data, Ethics
Critical Cartography
Open vs. Closed Tools
Ethics of Technology
Community
Focused Design
Design and
Data Justice
Collaboration
Beyond
Web Dev and GIS
We are
going
here

The End of a Journey...



Is the beginning of a new one...

RelationShips

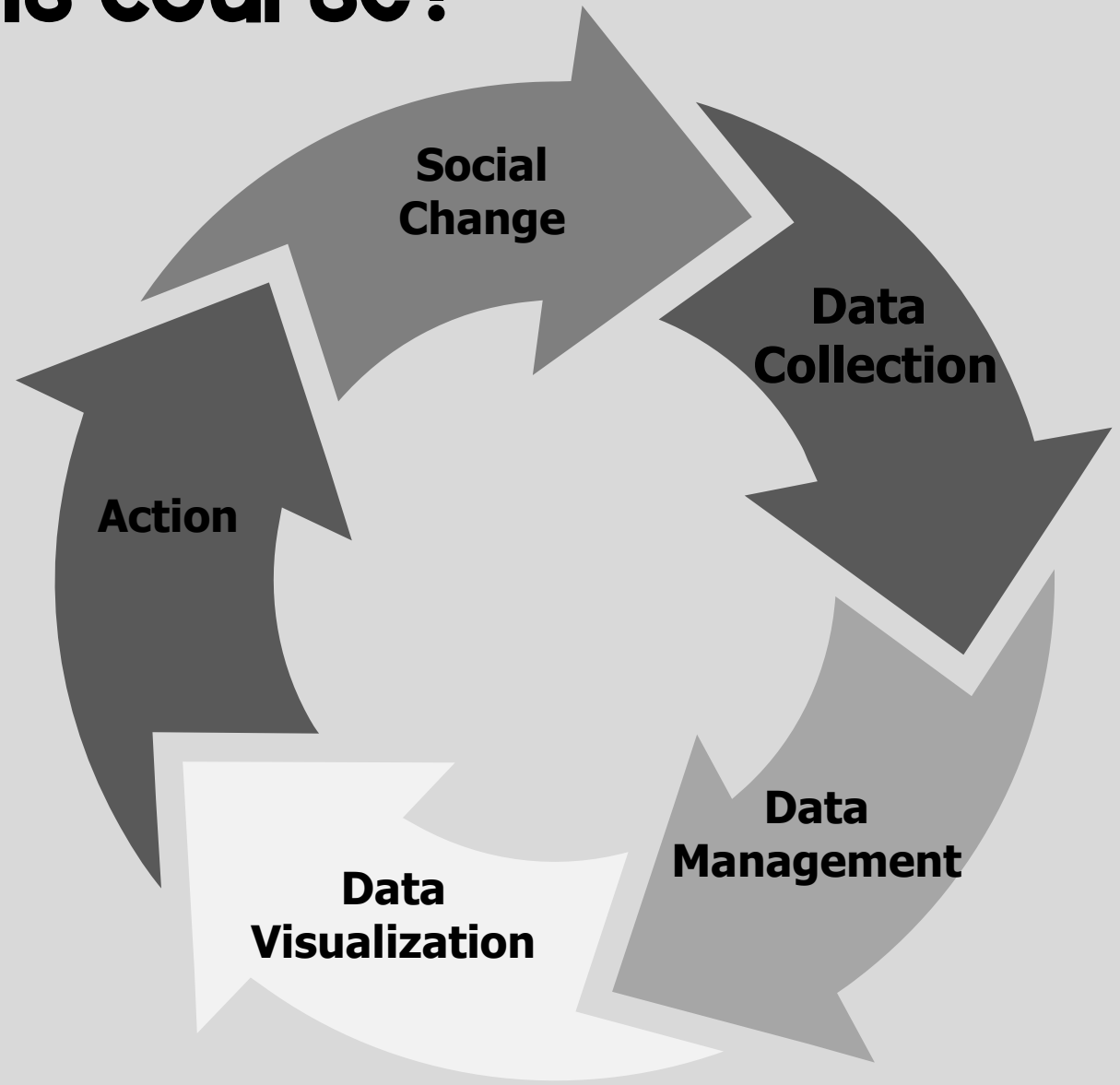
Remember this?

What is this course, really?

Tackling social problems together.

Remember this?

What is this course?



It's a process

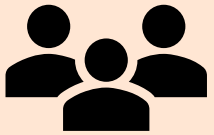
It's actually a collection of connected change processes

That we decide to focus on

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

WEB DEVELOPMENT AND GIS:
CODING WITH MANY LENSES
imgflip.com

Each Visiting Voice represents these processes



US

Weren't boxes separate from each other

Software development and design

US

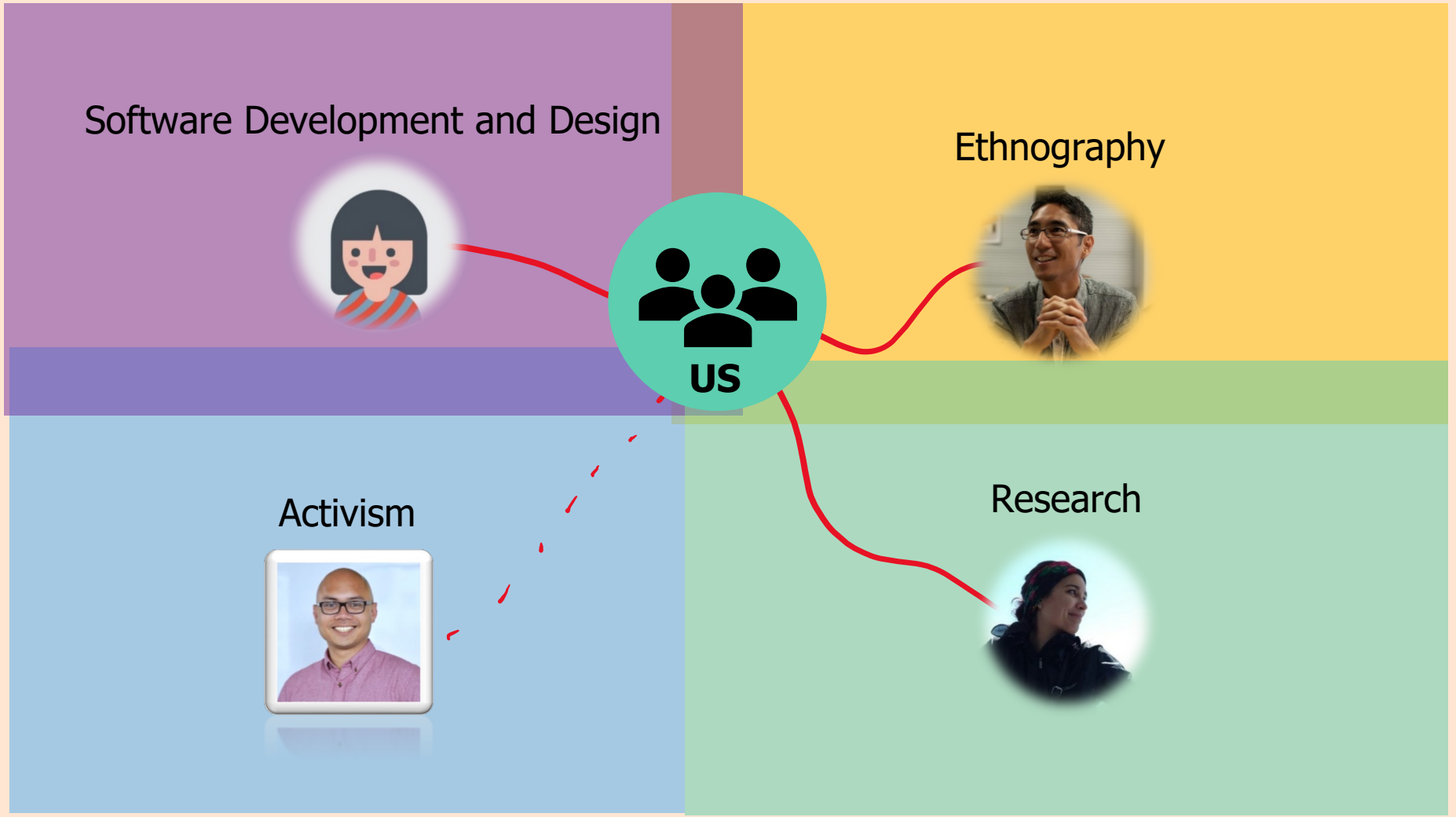
Ethnography

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/

Design

https://designjustice.org/

Coding

https://www.progcode.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

Los Angeles Daily News

NEWS

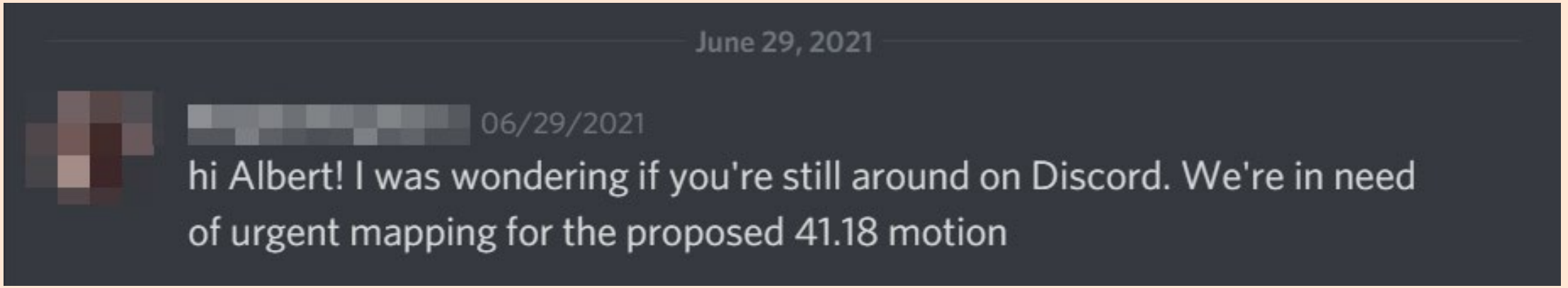
As anti-camping zones return for LA City Council vote, some experts map impact of such limits

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.

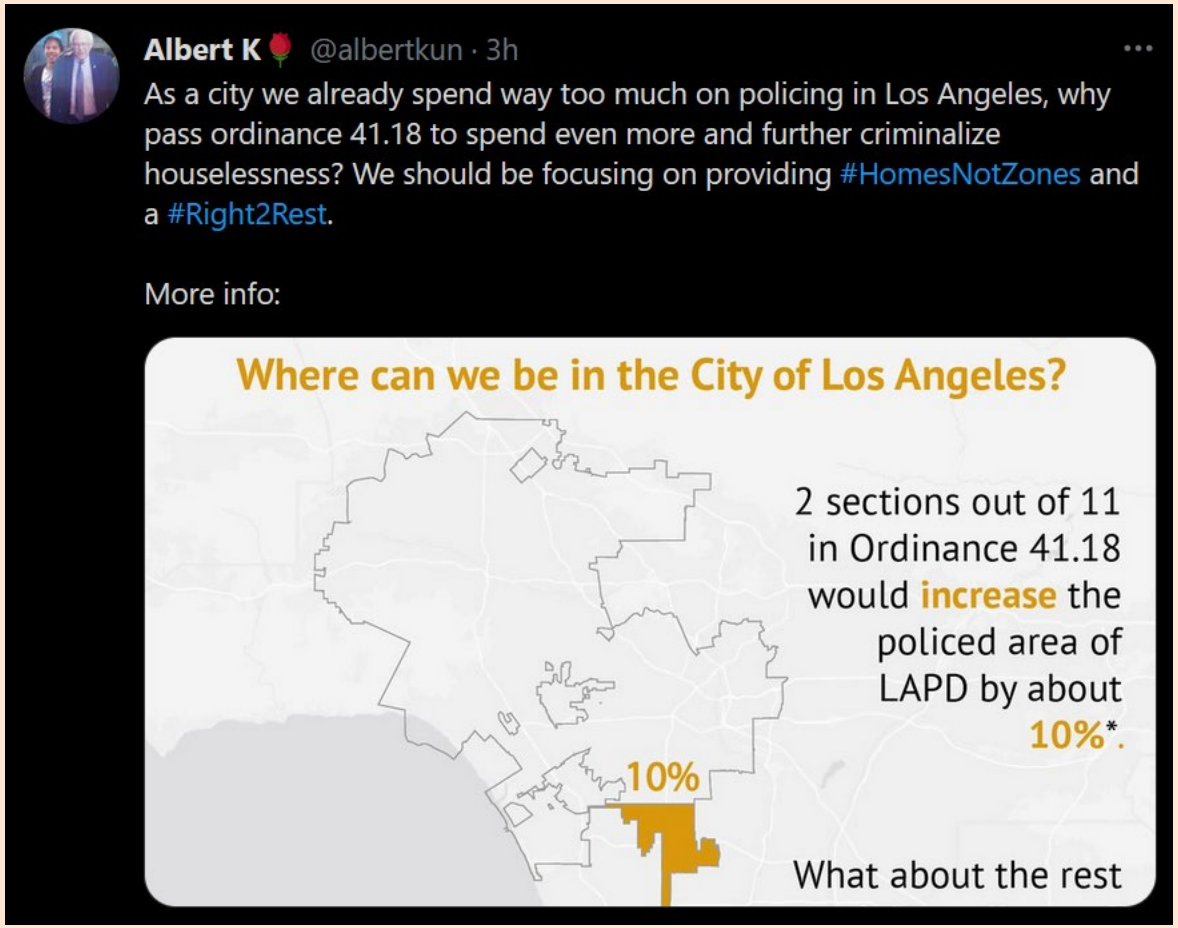
By ELIZABETH CHOU | hchou@scng.com | Daily News

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:

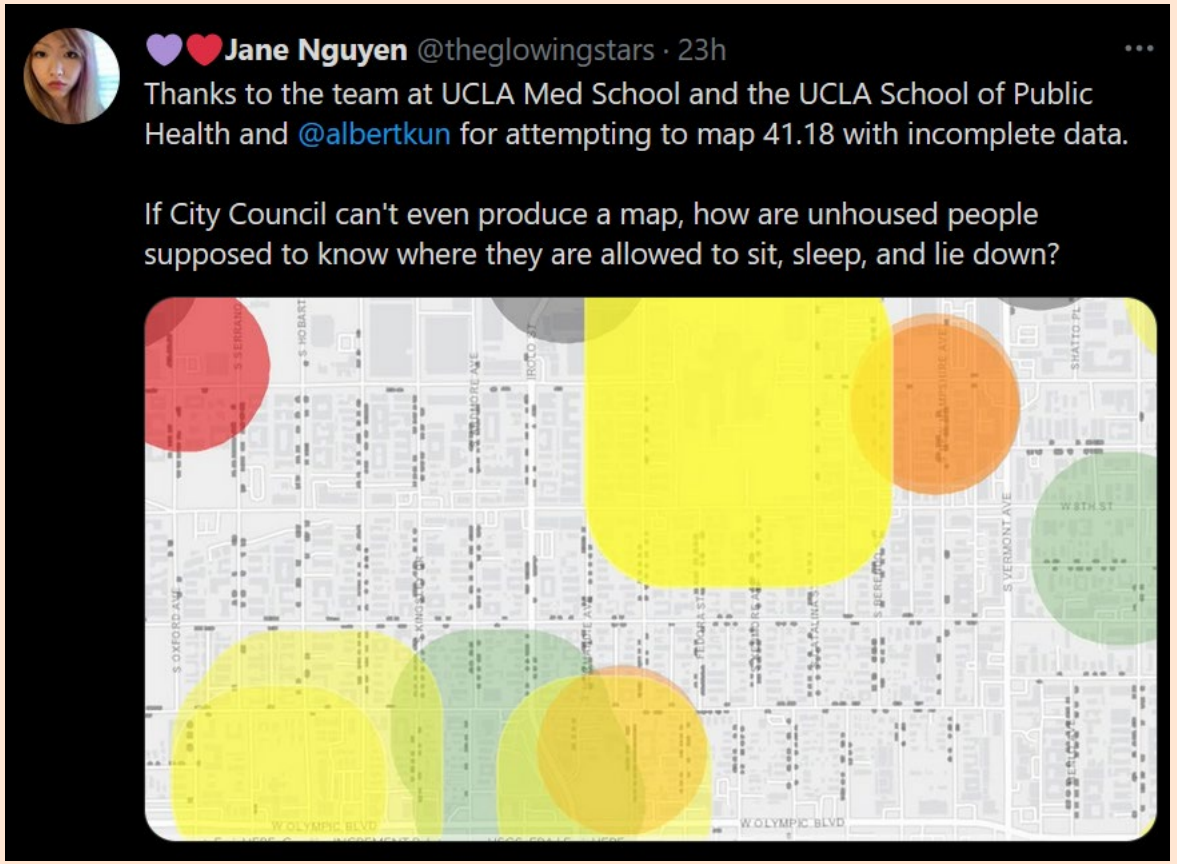


How its going:



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

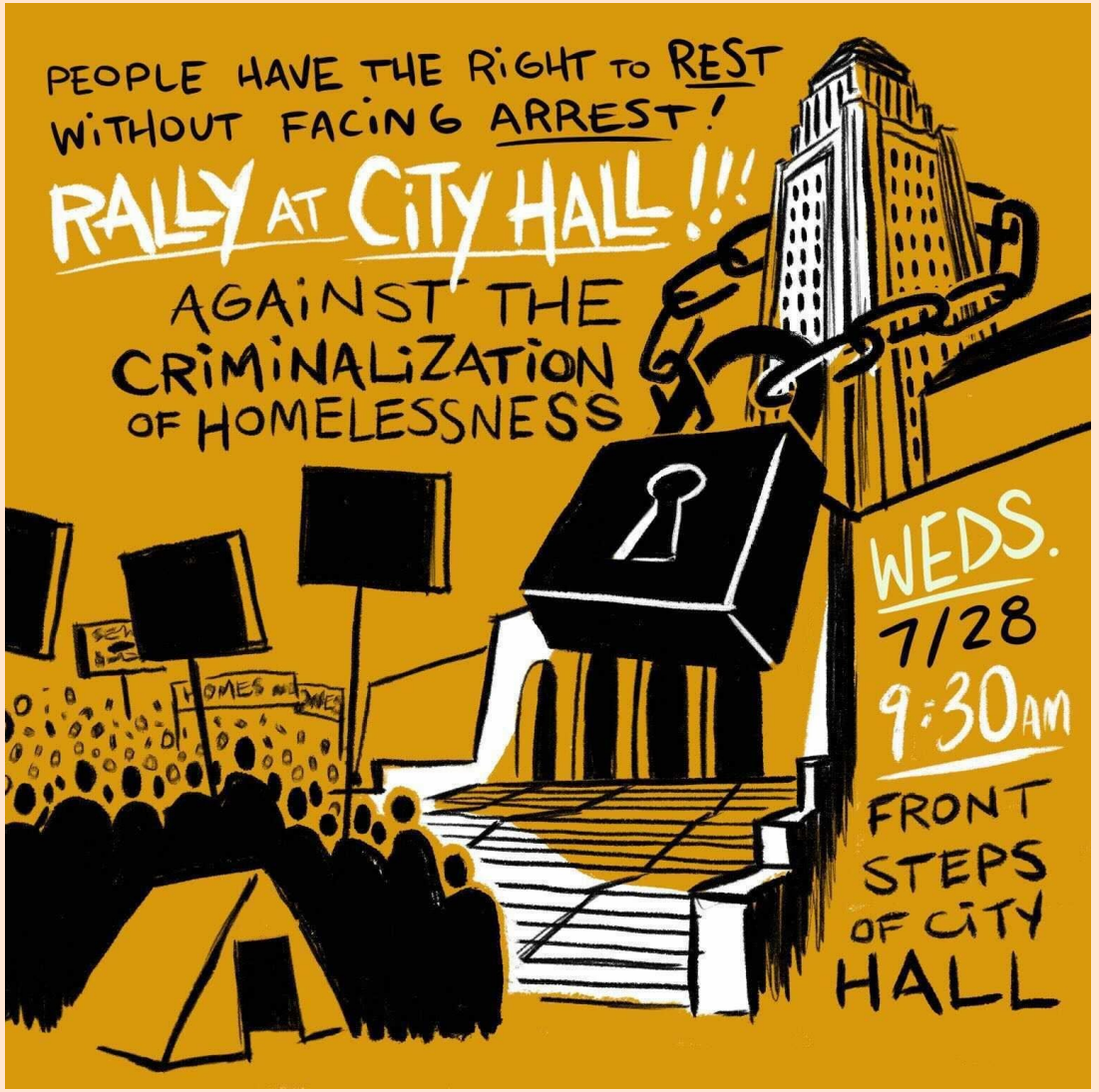
Community Organizations are always welcoming



`https://ktownforall.org/

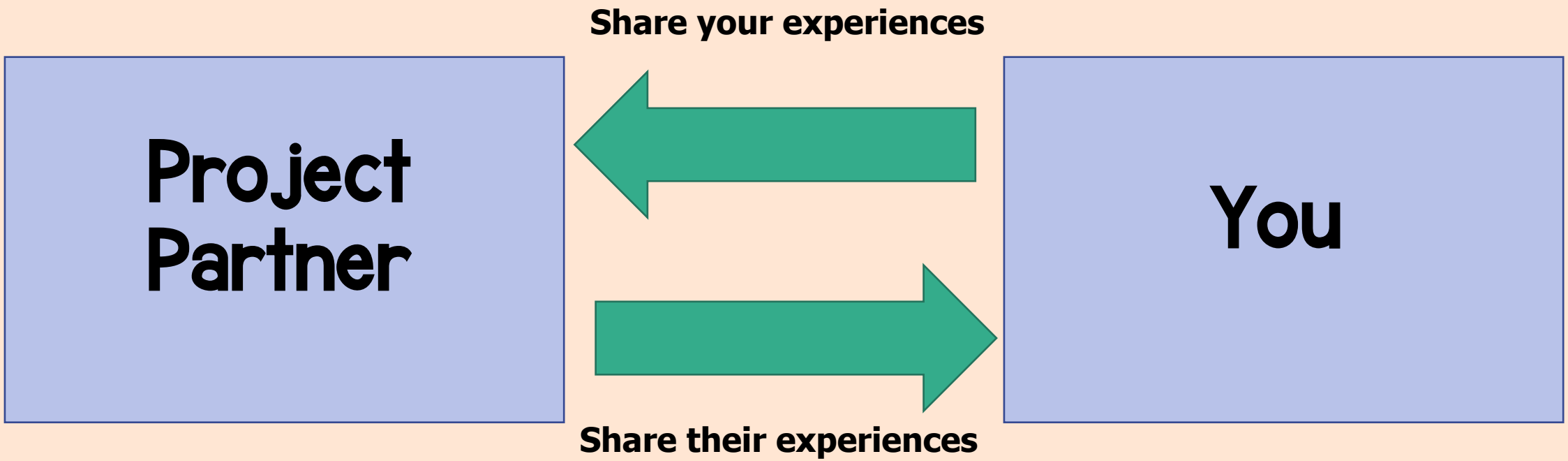
You just have to find some time for it, so...

Let's always pass on that goodwill forward!

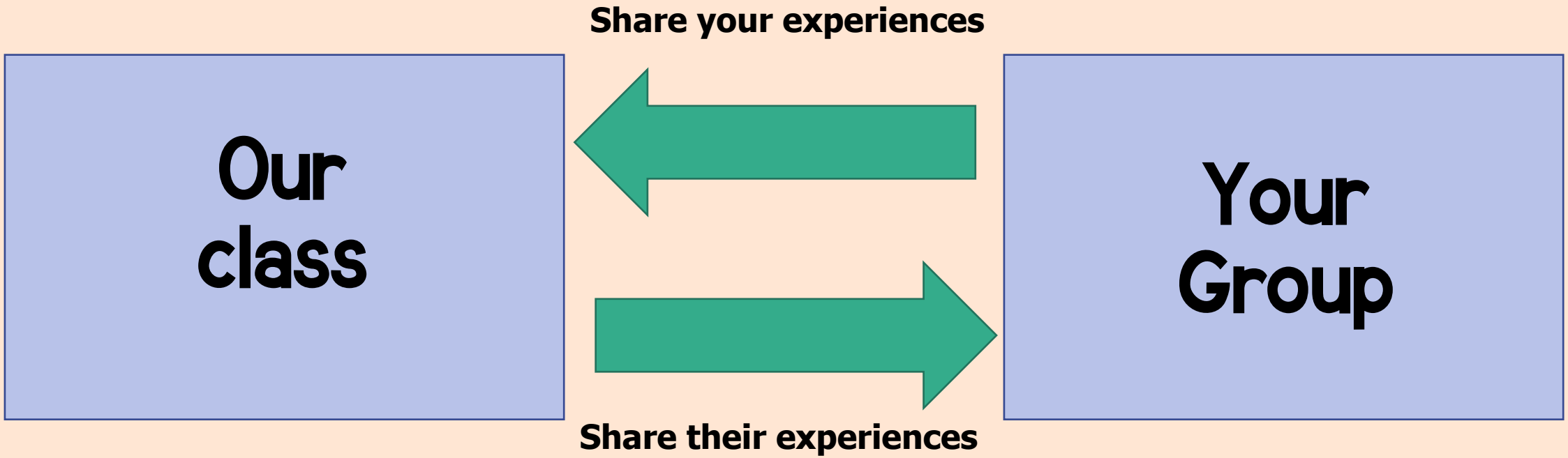


The final project is your opportunity to put all this into practice

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/1MKUgUHEl8_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!

THANKYU!!

Stay in touch!

albertk@gmx.com

@albertkun