



Final Finishing Touches

Beyond Web Development for Social Change

Logistics
Lab

Join at
[slido.com](https://slido.com/poll/123456789)
#ucla

Albert Kochaphum
Lab 6 | July 29th, 2024



Join at
slido.com
#ucla

Week 6! Are you SIX of my puns yet?! Well, it's the final week! How are you feeling?





Join at
slido.com
#ucla

Should I skip last weeks lab?

Doesn't matter either way

54%

Yes, we can just look over the code ourselves

38%

Nooooo, we need all the help we can get!

8%



Join at
slido.com
#ucla

When would you like more office hours?

Evening Tuesday



85%

Afternoon Tuesday



77%

After class today



38%

Afternoon Wednesday



31%

Logistics

- **Wednesday 7/31**
 - **Last Lecture**
 - The lecture will **Not be recorded**
 - **Final Thinking Cap due**
 - **Final Project due**
- **We will do course evals today! (Due tomorrow...)**
- **Turn in any late assignments before August 2.**
 - **Email me if you need an accommodation**

Final Timing

Time	
5:00	Group A
5:20	Group B
5:40	Group C
6:00	Group D
6:20	Break
6:30	Group E
6:50	Group F
7:10	Group G

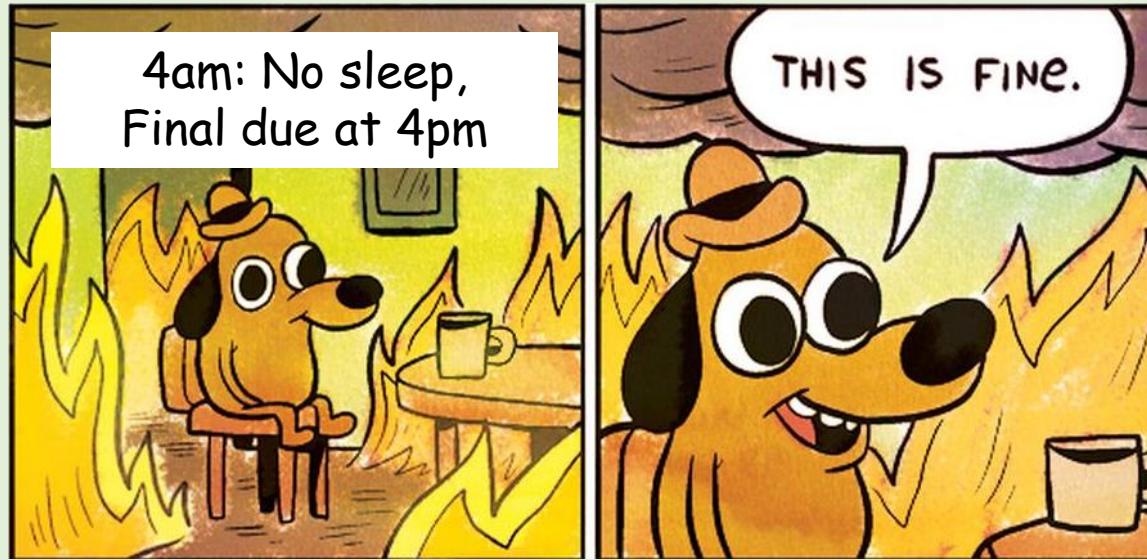
Ideally: Will be 20 minute presentations after the final lecture!

Final Project Surprise #1



And previous students!

Remember...



Get help early and often!

Why?

We covered a lot of content



JavaScript
maplibre
ethics
HTML
CSS grid
data justice

There's no need to struggle implementing it all by yourself!

What is important is why you are coding!

DAY1 OF PROGRAMMING



10 YEARS OF PROGRAMMING



The technical “what” of coding will always be there to look up!

Reminder: Main coding take away...

Programming is not a solo endeavor.

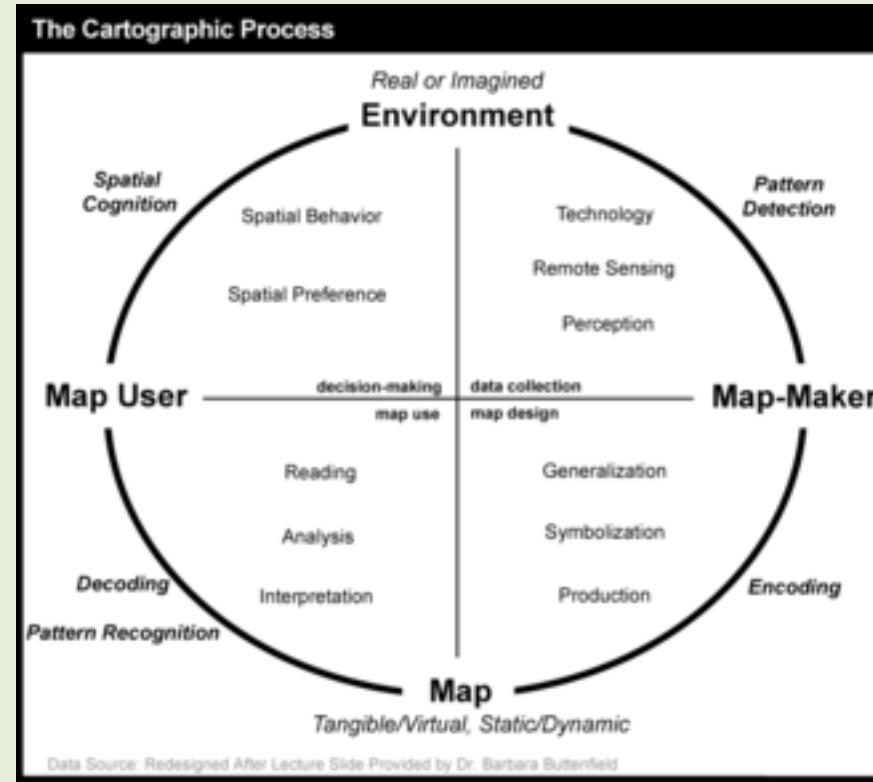
Coding gets easier with more people because programming ultimately is about communicating!

Design Justice in your mapplications

What is the purpose of the map?

Who is the audience?

Is a map the best solution?



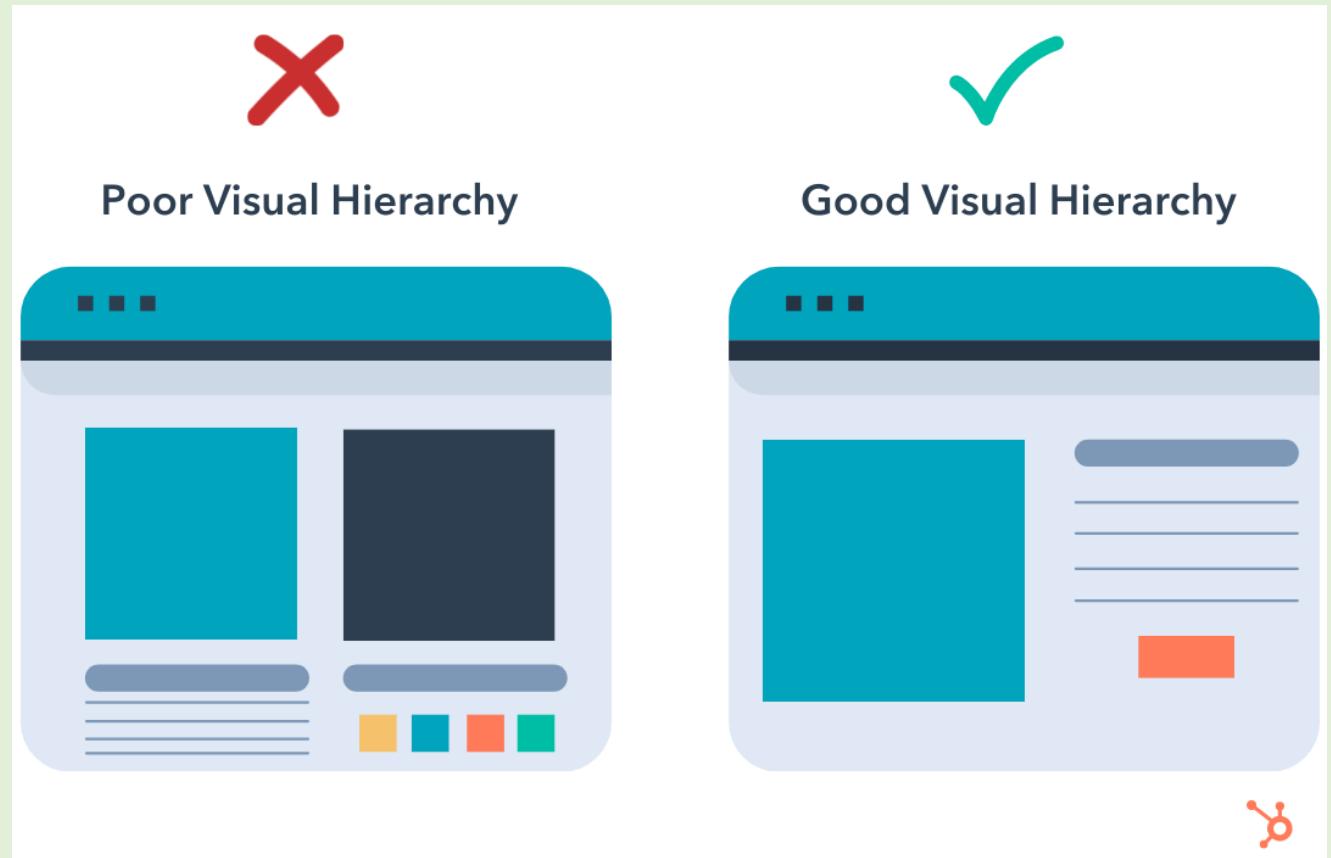
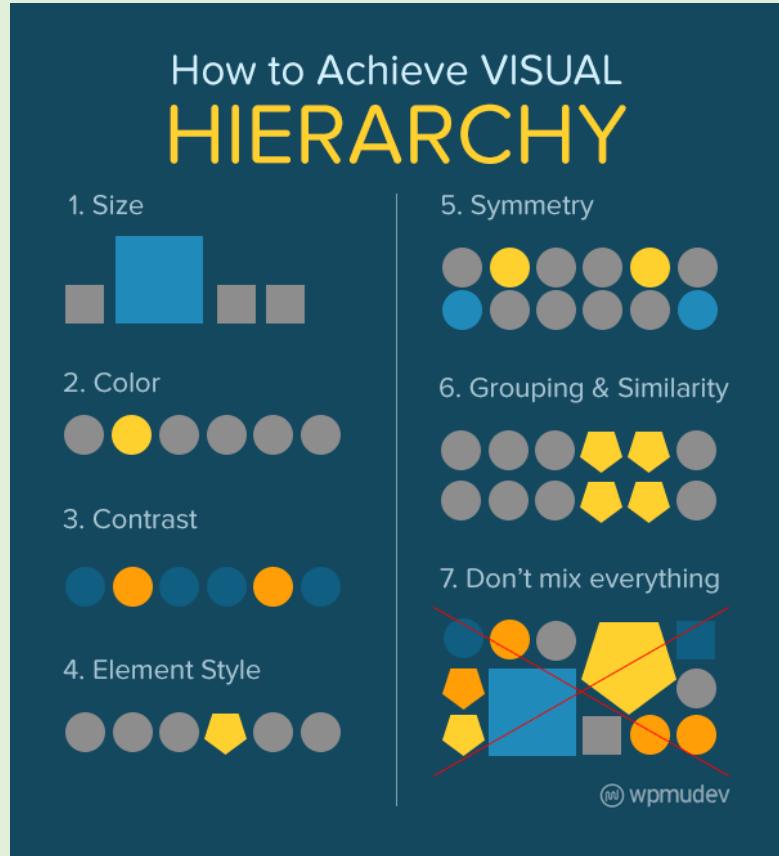
Thought exercise: Give your site to your parents, what do you think is their main takeaway?

The 5 Cartographic Principles

- 1. Concept before compilation**
- 2. Hierarchy with harmony.**
- 3. Simplicity from sacrifice.**
- 4. Maximum information at minimum cost.**
- 5. Engage the emotion to engage the understanding.**

“Mapmakers, indeed, have the ability to use (or misuse) cartographic principles to represent (or misrepresent) the spatial data...”

Visual Hierarchy



Put your survey respondent's stories at the forefront.

Visual Hierarchy

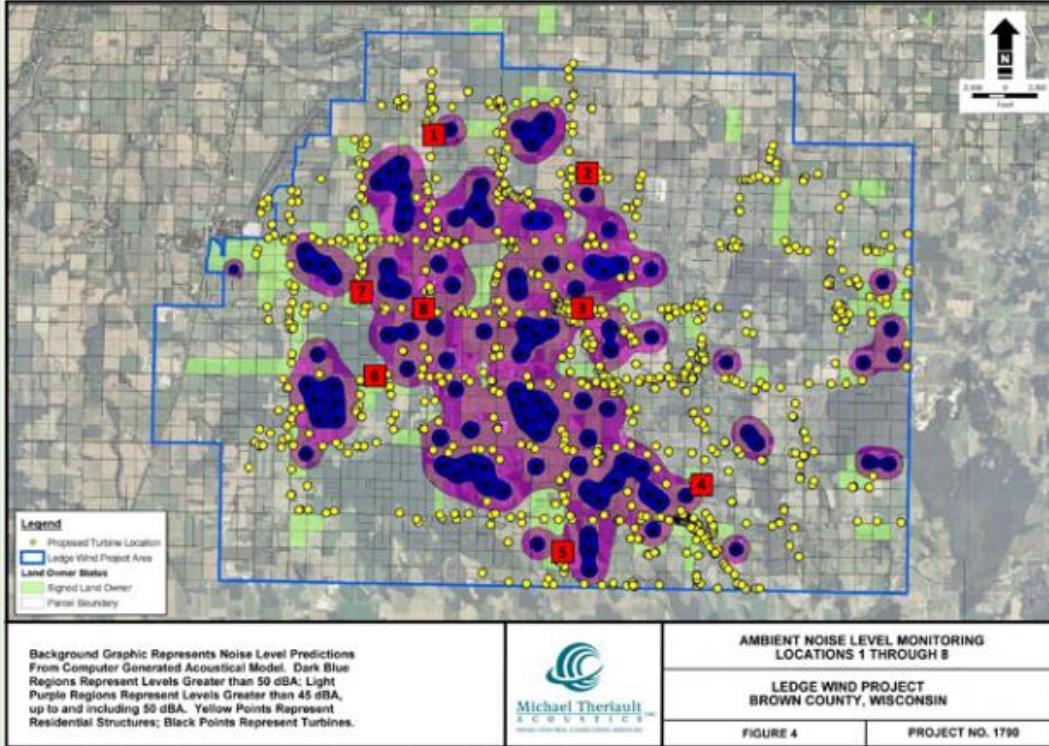
The Laws of Visual Hierarchy

	low visual prominence	high visual prominence
Size	small	large
Position	bottom of the page	top of the page
Color	low contrast	strong contrast, unique color
Format	text	images, icons movement, video
Position relative to other elements	crowded on the page	surrounded by whitespace



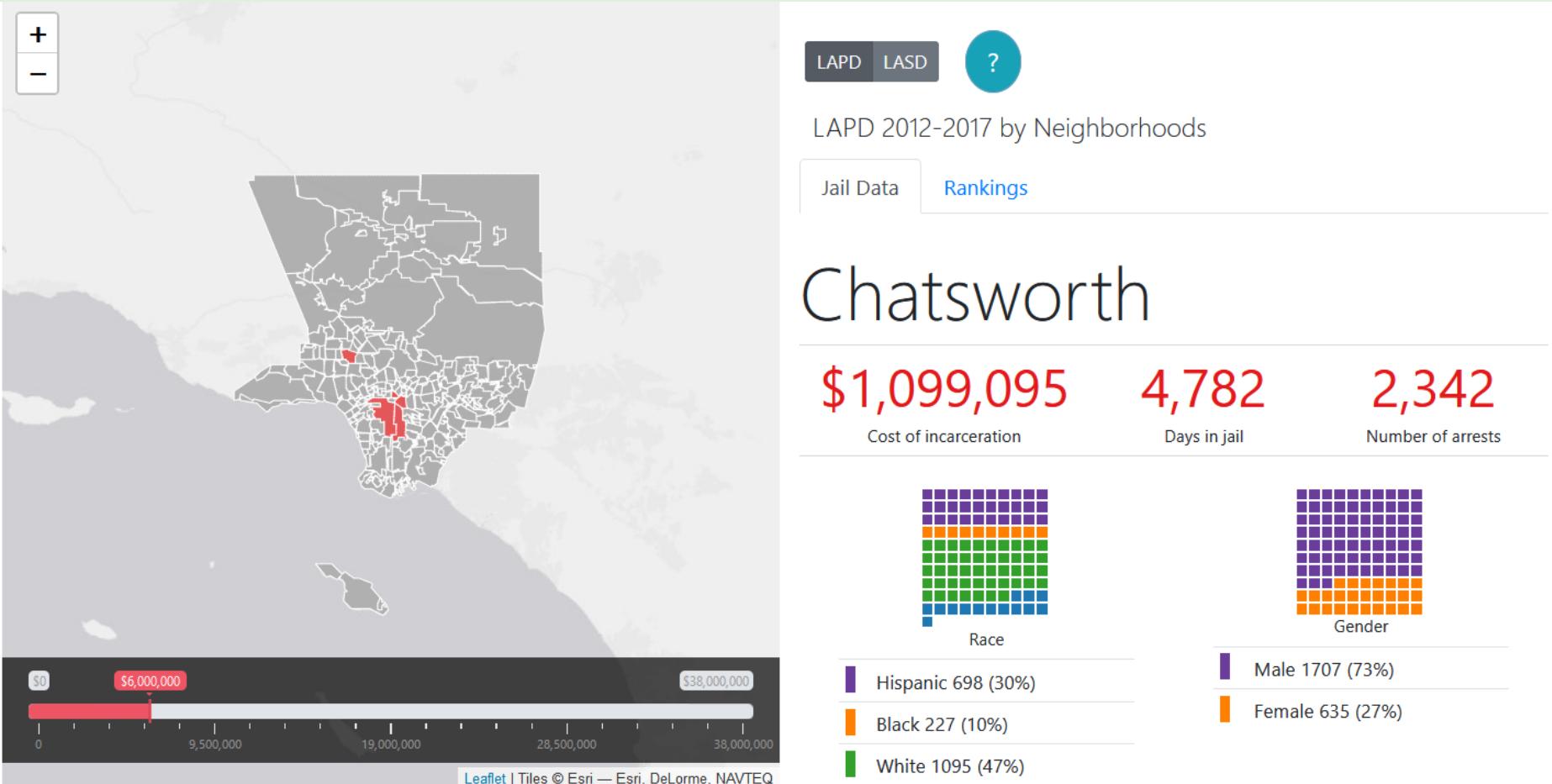
How?

Visual Hierarchy



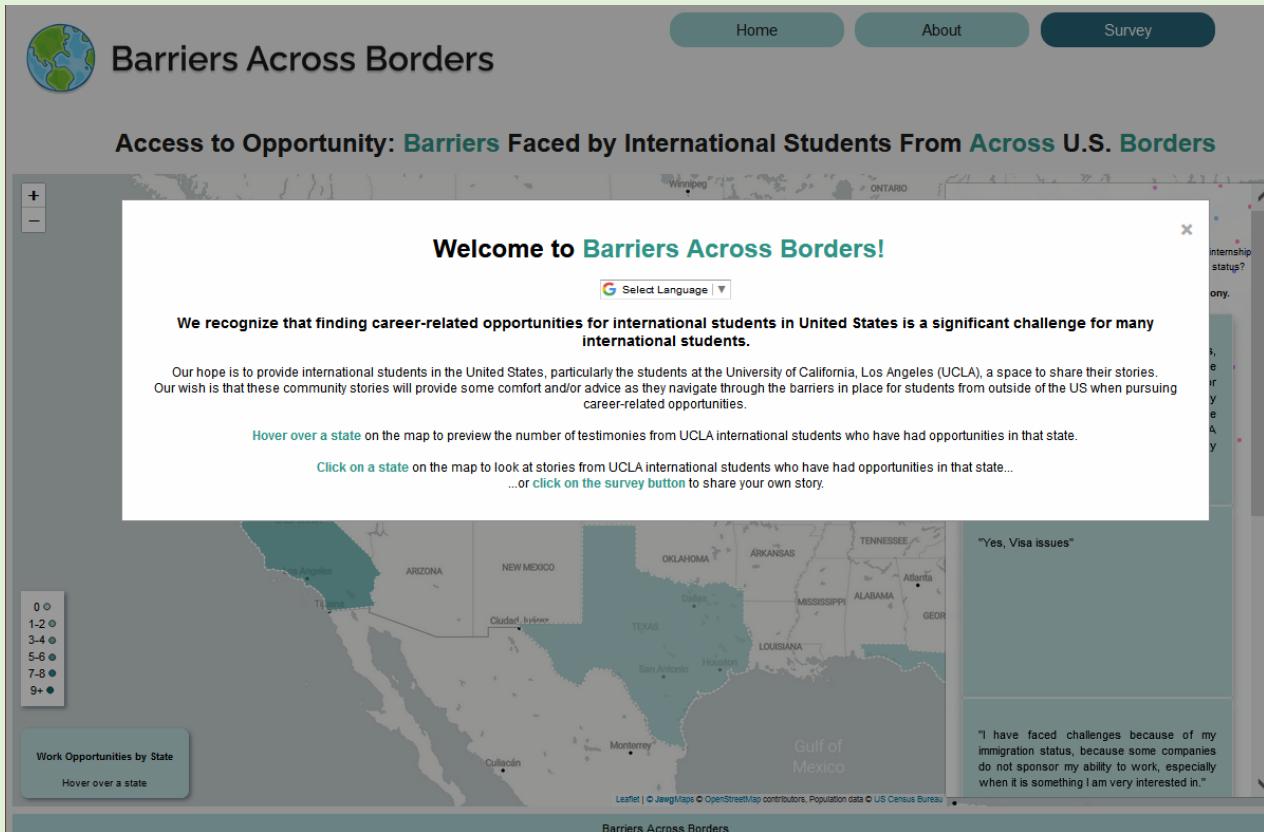
You have the option to dump data or to tell a narrative.

Primary Symbols



What grabs your attention when you first go to your website?

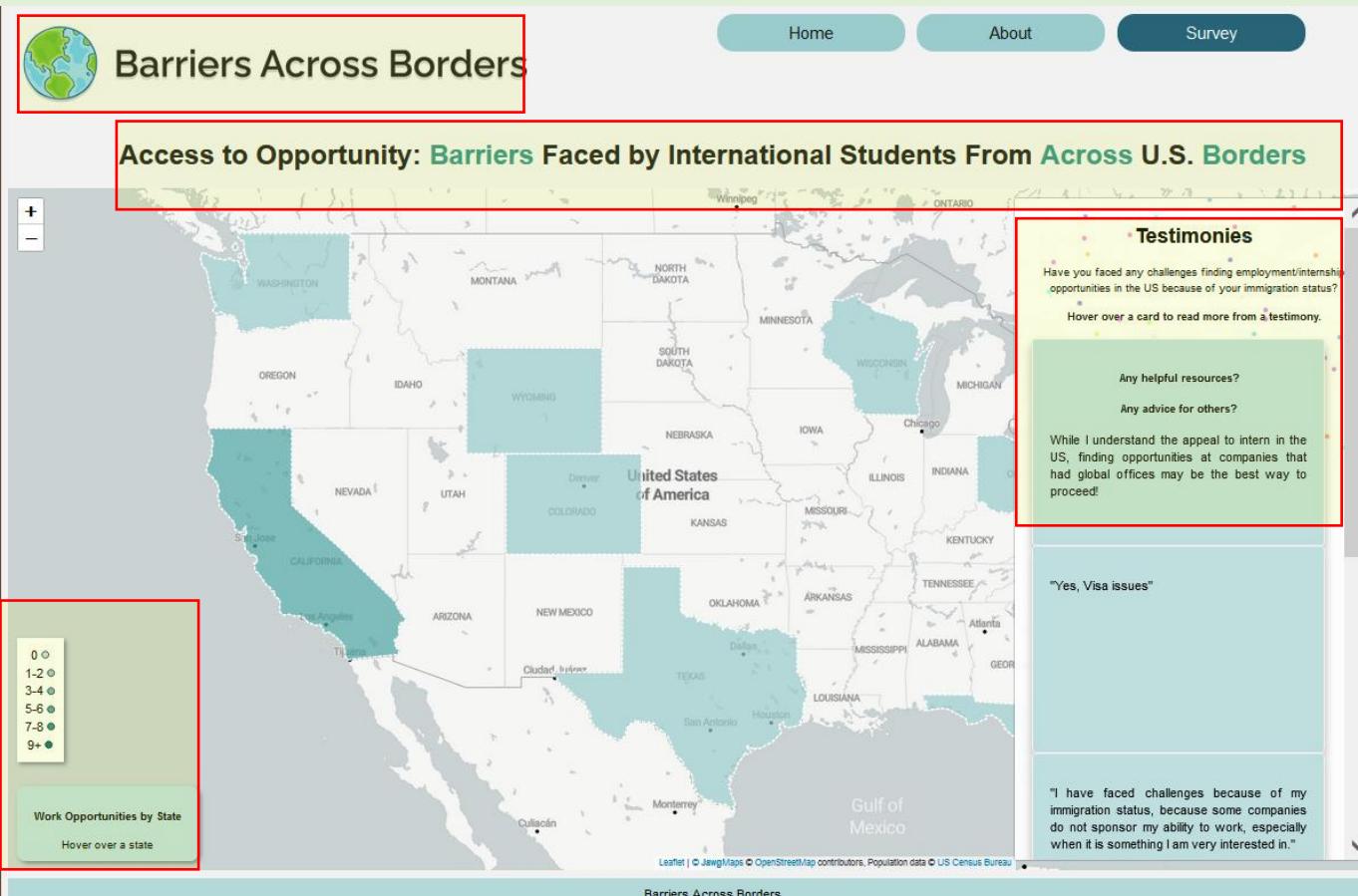
Design Justice in your mapplications



Thought exercise: Give your site to your parents, what do you think is their main takeaway?

Who are you making the mapplication for?

1. Unique Group name



4. Explaining what the symbols mean

2. Easily Understood map title

3. Survey data explaining why it is important and providing the questions themselves

Ingredients for a successful project, does not need to be this pretty but!!!!

Theme of the week

**Looking beyond web development and GIS for
social change**

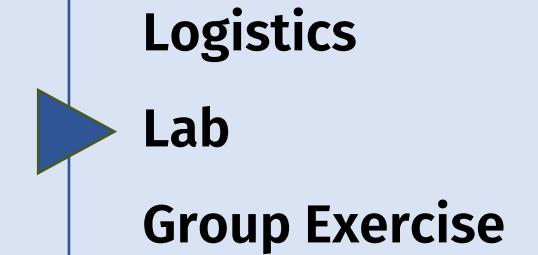
Rough Drafts



Logistics
Rough Drafts
Lab

Collaborating with GitHub and Plugins

Lab



GitTing some terms down

???



???

Git Terms

GitHub & Plugins



Ani-Mentorship ALwards

NICE MASTER-ING OF RO-SHI-SS IN THE MARKER COLORING AND BUTTONS (BUT FIX THE GRID PLEASE)

Kaila Imada



Inside Out 2 Reviews from the LA Area

90010 90024 Cinemark Studio Movie Grill IPIC Theaters Howard Hughes Arclight amc IPIC Theaters

Inside Out 2 Review

This form should take no longer than a 5 minutes to complete. Please let us know your reviews on Inside Out 2!

[Sign in to Google](#) to save your progress. [Learn more](#)

* Indicates required question

Have you seen *Inside Out 2*? *

yes
 no

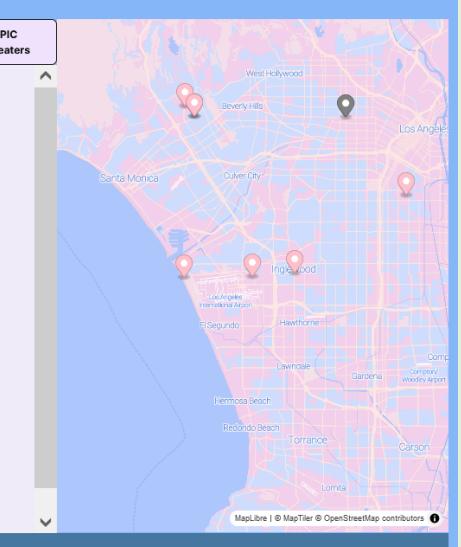
What is your zipcode?

Your answer

[Next](#) [Clear form](#)

This content is neither created nor endorsed by Google. [Report Abuse](#) - [Terms of Service](#) - [Privacy Policy](#)

Google Forms Copyright(2024)



<https://kimada62.github.io/24su-asiaam-191a-labs/week4/>

SHANKS- FOR ALL THE IF STATEMENTS!

Justine Lim

LAB #4: APIs & CONDITIONALS

What is a popular landmark/
attraction in your hometown?

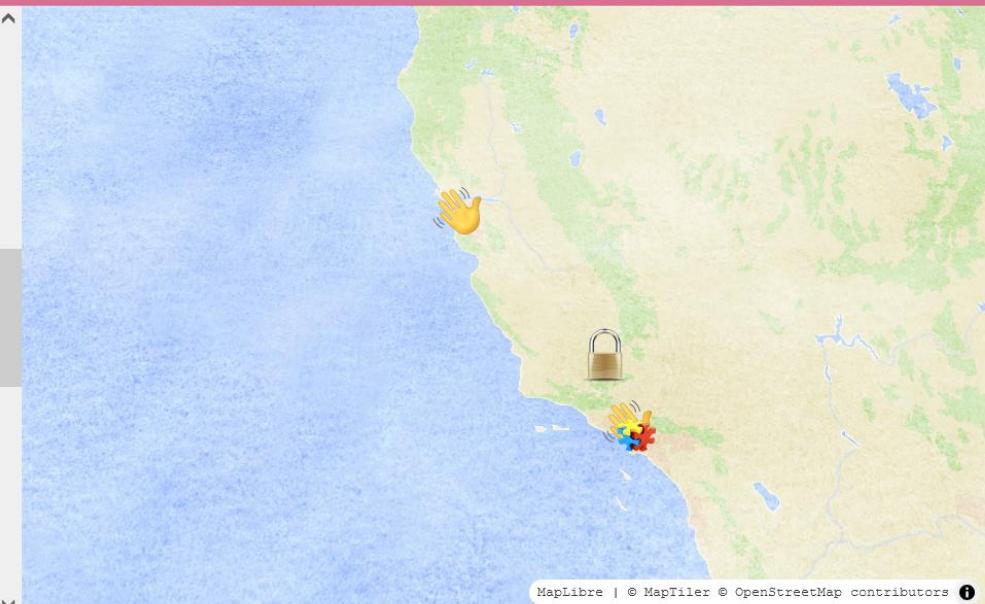
Your answer

How would you best describe the *
community?

- Close-knit
- Diverse
- Friendly
- Reserved

How often do you visit?

- Haven't been back since leaving :(



North Hills, CA Cebu City, Philippines Koreatown, LA Bakersfield, CA Seoul, Korea San Francisco, CA



IZUMI-EANINGFUL SYMBOLS AND VERY CURTI-SY OF YOU TO HAVE A DETAILED LEGEND

Paige Wu



Heat and Public Transportation

Public transport includes the bus, rail/train, bikes, or subway.

90024 91731 90010

AA191A Lab4 - Heat and Transportation

Thank you for taking interest in our survey!

This survey will take about 1 minute to complete. If you have questions, comments, or concerns, please reach out!

[Sign in to Google](#) to save your progress. [Learn more](#)

* Indicates required question

Where is your home zip code? *

Your answer

Used Public Transit

Experience: I depend on it because I choose not to drive and it's generally OK except when its late at night where there's no service/in frequent.

Heat: Kind of, if I have to wait in the heat, I try to find a location to hide in.

Zip Code: 90010

MapLibre | © MapTiler © OpenStreetMap contributors

Legend

Respondent takes some form of public transit.

Respondent does not use some form of public transit.

NO SATORU GOJO-KING AROUND, THIS IS A NICE LEGEND!!!

Michelle Zhao

BAY AREA RAPID TRANSIT

BART Usage

This survey will take about 3 minutes to complete. If you have questions, please reach out to miczhao@g.ucla.edu.

"The San Francisco Bay Area Rapid Transit District (BART) is a heavy-rail public transit system that connects the San Francisco Peninsula with communities in the East Bay and South Bay. BART service currently extends as far as Millbrae, Richmond, Antioch, Dublin/Pleasanton, and Berryessa/North San José." Learn more at bart.gov/about.

Survey Responses

Measure of Usage

- I rarely/never use BART
- 1-2 times a week
- 3-4 times a week
- 5 or more times a week



<https://zhamic7.github.io/aa191a-labs/week4/index.html>

IROH-TE CODE MAKING A FILTERABLE LEGEND BEFORE OUR LAB ON LEGENDS

Sadhana Jeyakumar



Share Your Escape Room Experience! 🔒

Return

Escape Room Tales

This survey should only take you 5 minutes to complete.

Only escape rooms in Ventura, Orange, or Los Angeles County will be displayed!

For each survey, please share one escape room experience. This can be your favorite, most memorable, or worst escape room location!

*This is an anonymous survey. Personal identifying information, including your email address and name, will not be recorded. As responses will be displayed on an online map, please remember that any comments you share will be publicly visible.

Sign in to Google to save your progress. [Learn more](#)

* Indicates required question

Have you completed an escape room before in either * Ventura, Orange, or Los Angeles County?

MapLibre | © MapTiler © OpenStreetMap contributors

Legend

- Escaped in time!
- Didn't escape :/
- Was so close!
- Default view

Copyright (2024)

GitTing some terms down

Alwards

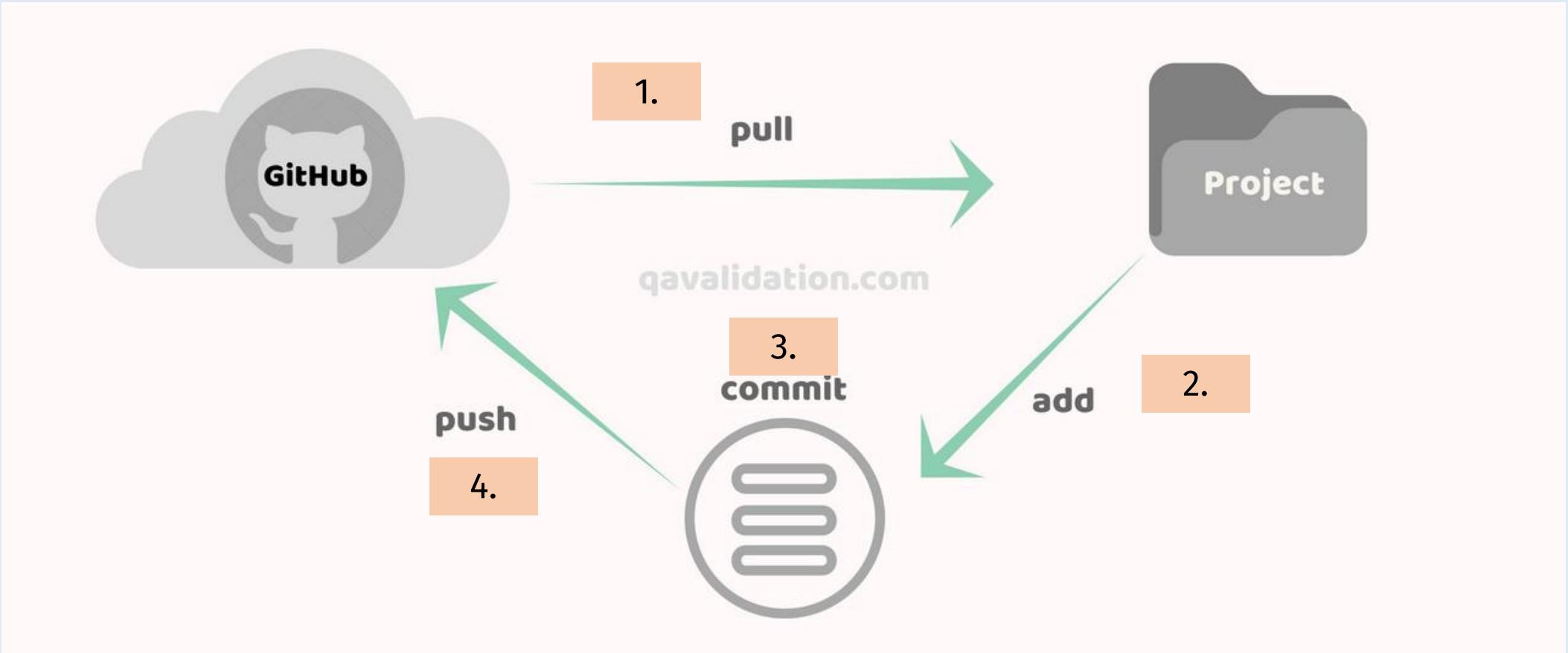


Alwards

Git Terms

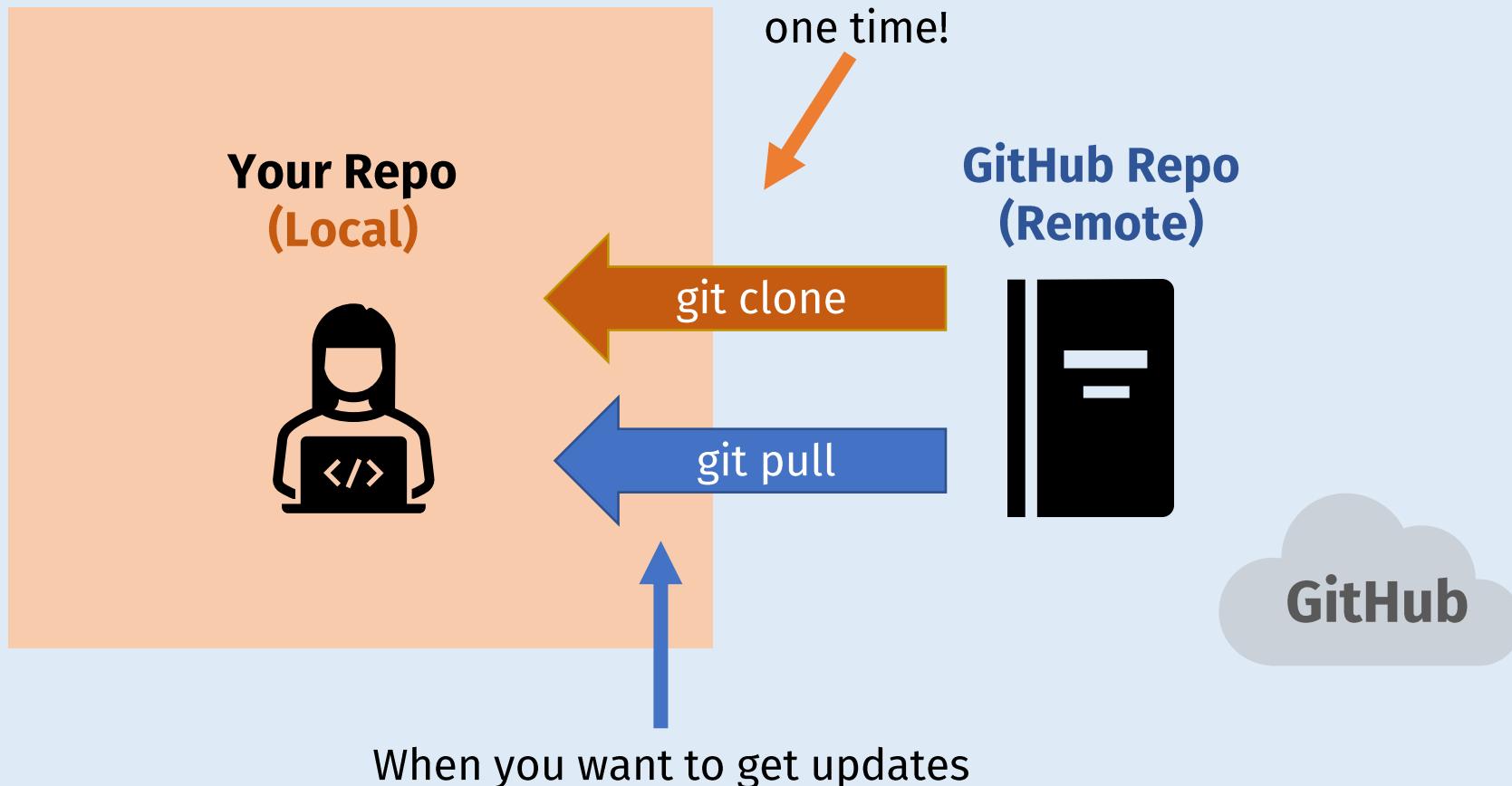
GitHub & Plugins

The git process



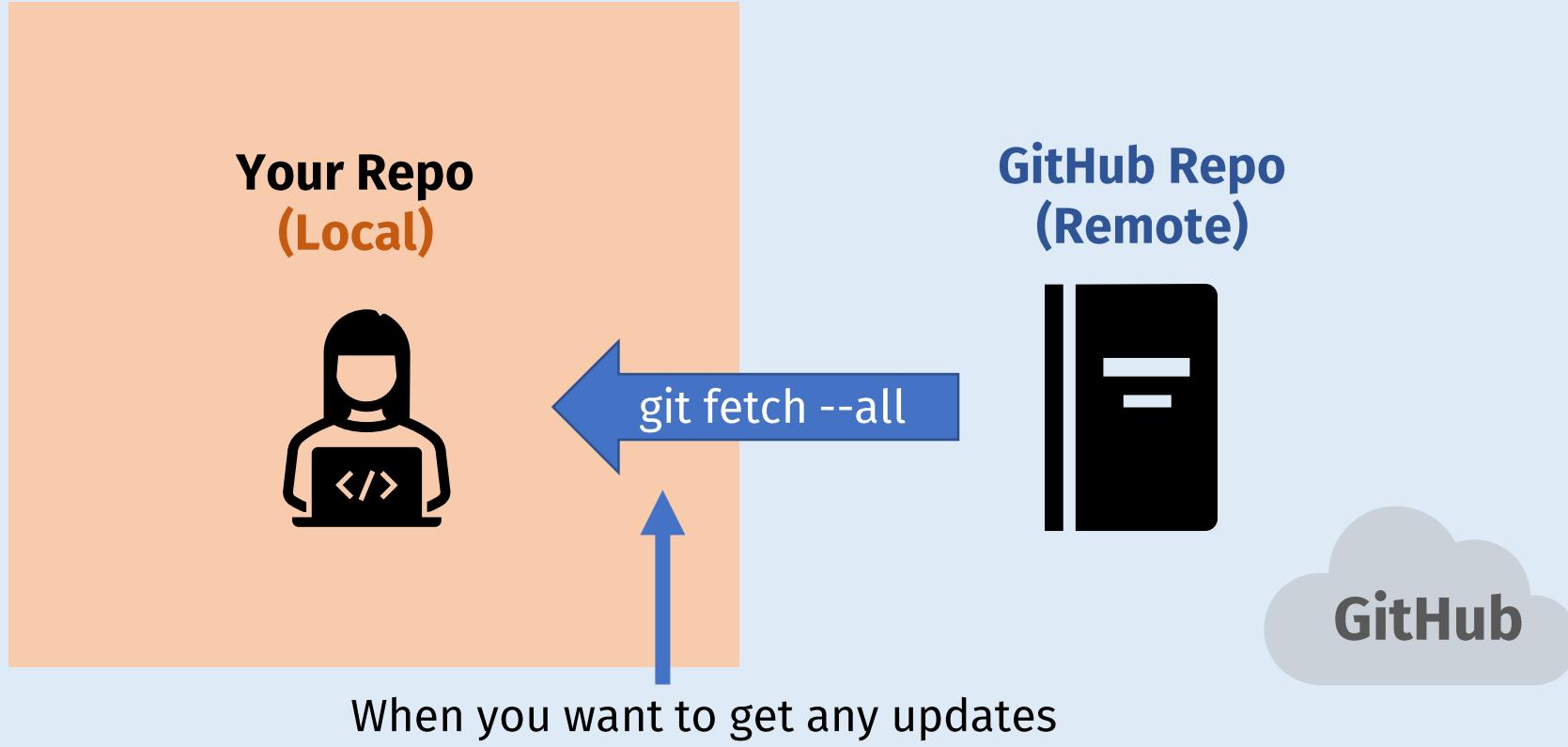
1. Pull changes
2. Add changes
3. Commit changes (with a message)
4. Push changes

git cloning/git pull



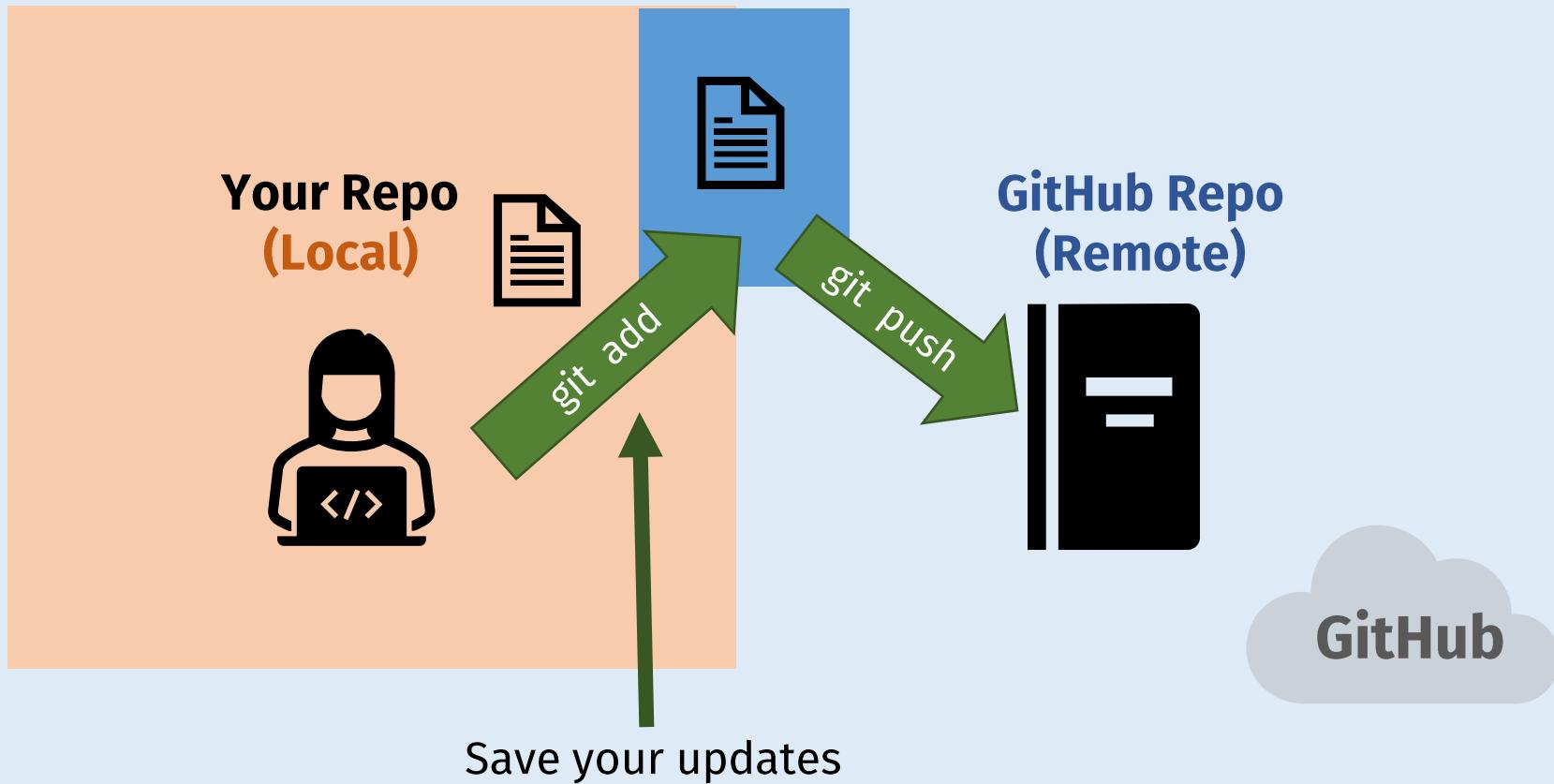
“Getting code”

git fetch --all



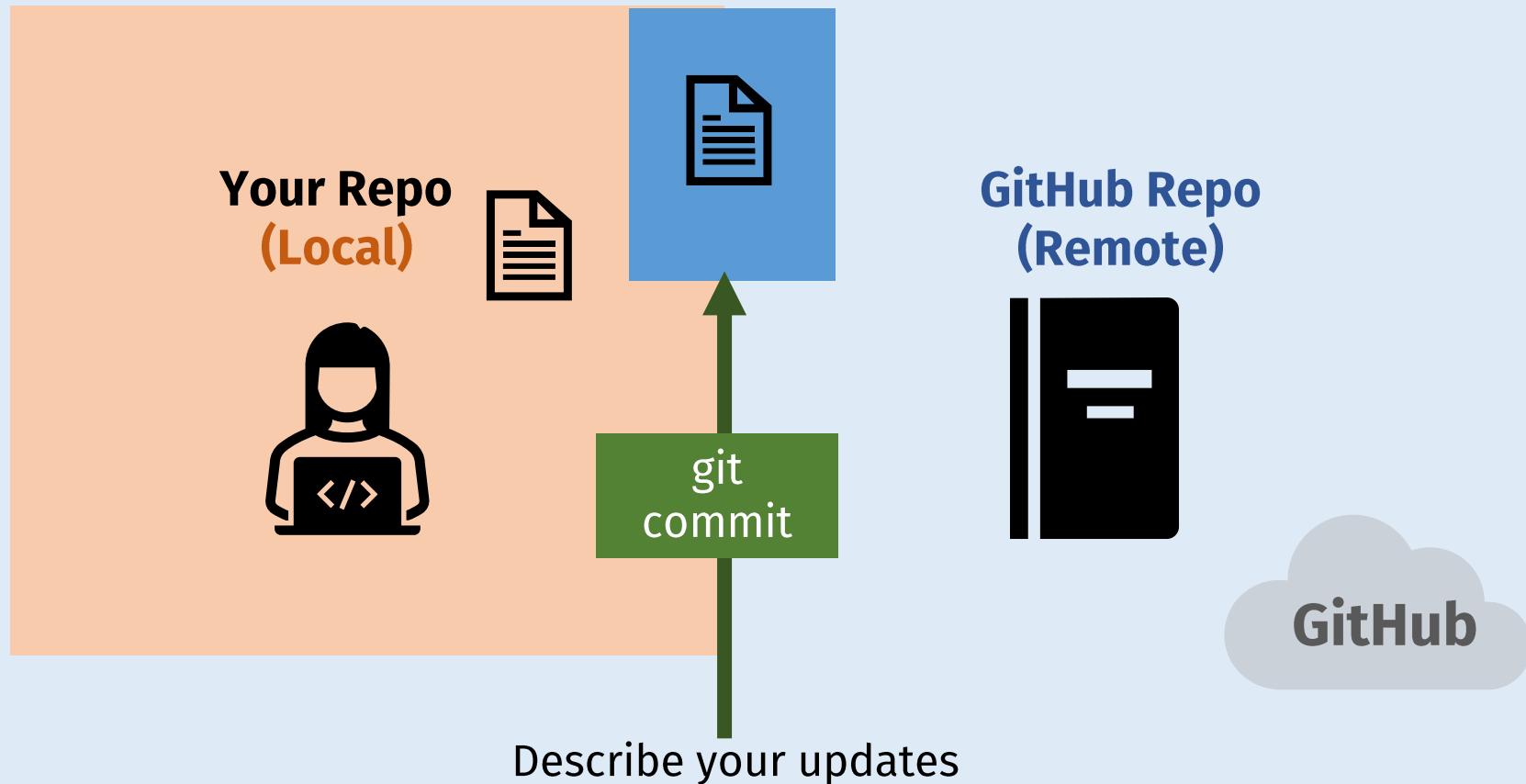
“get new code” from **branches**

git add



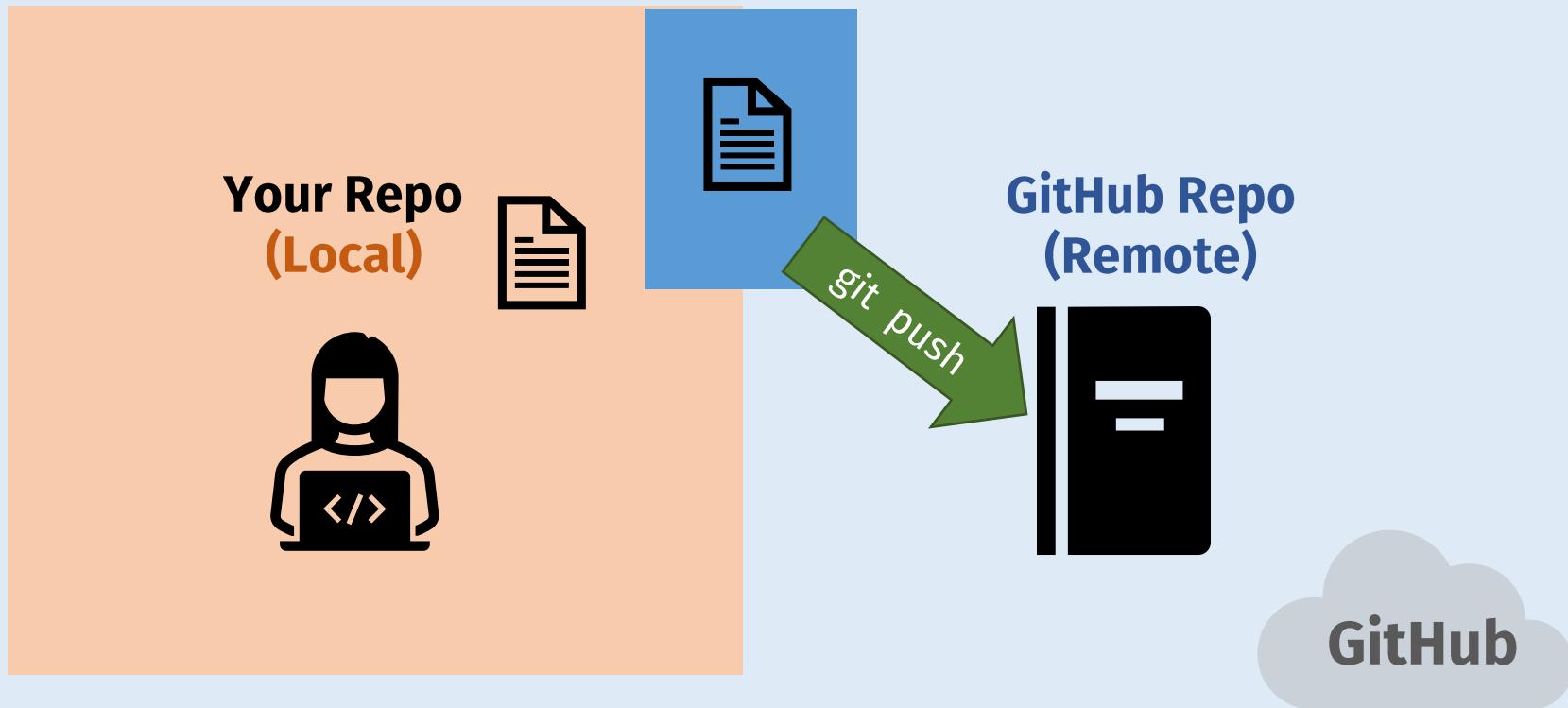
Choose what to save

git commit



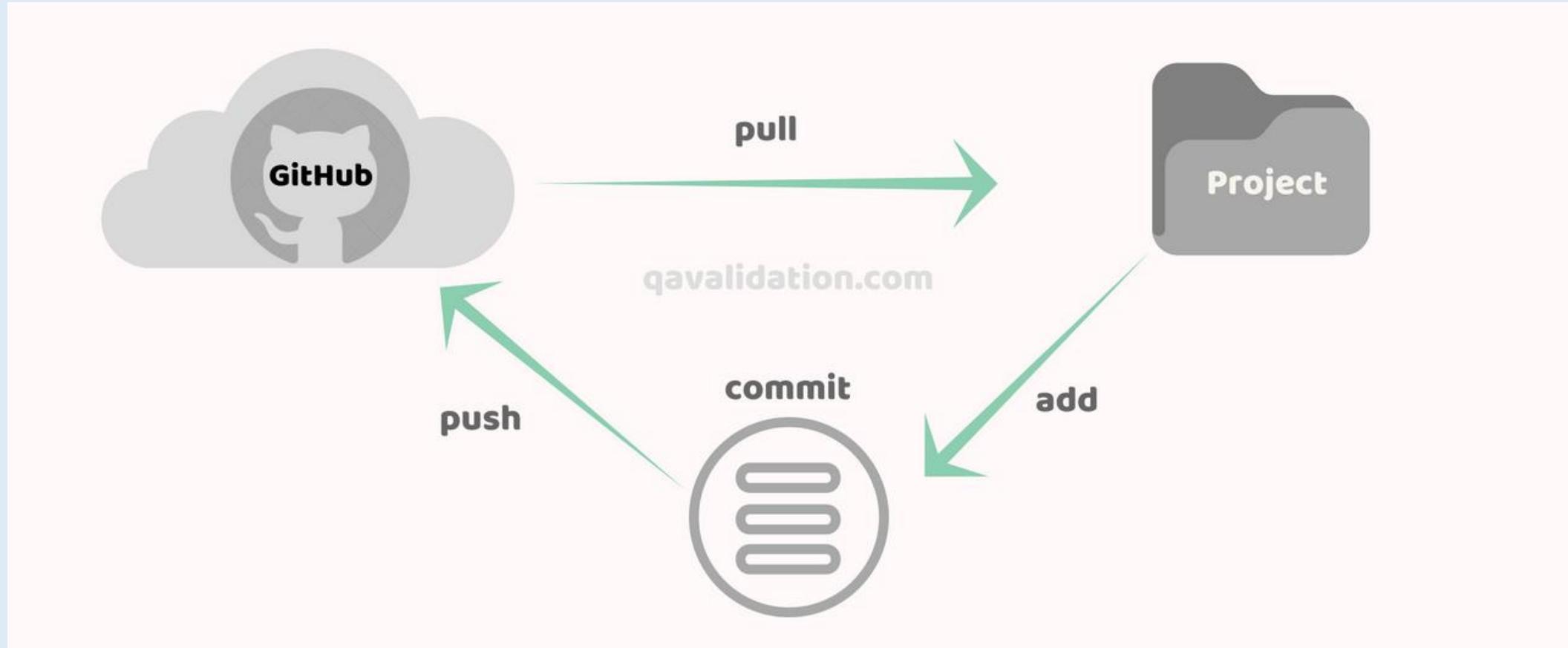
Add a message to your save

git push



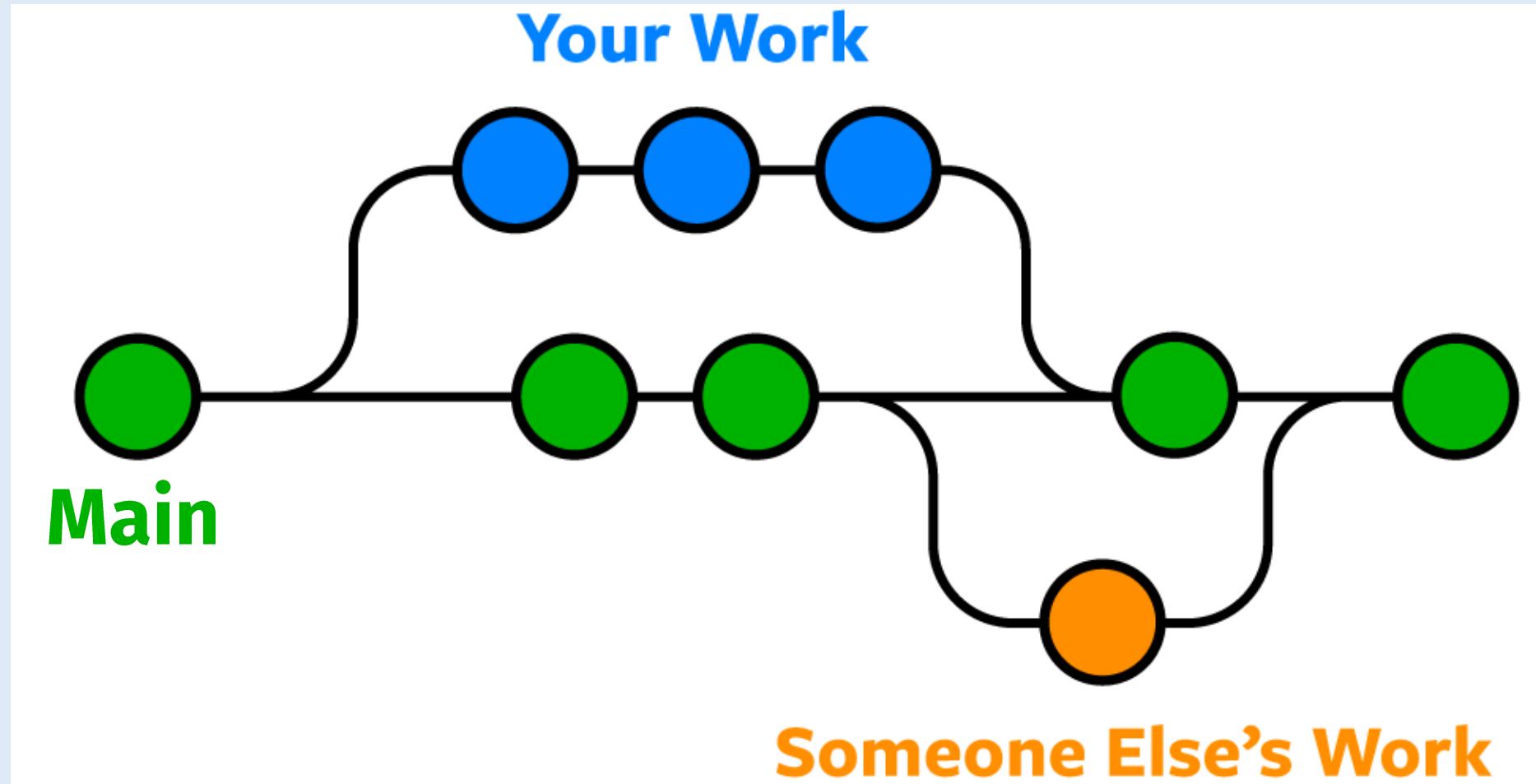
“Push code” online to save

git commit



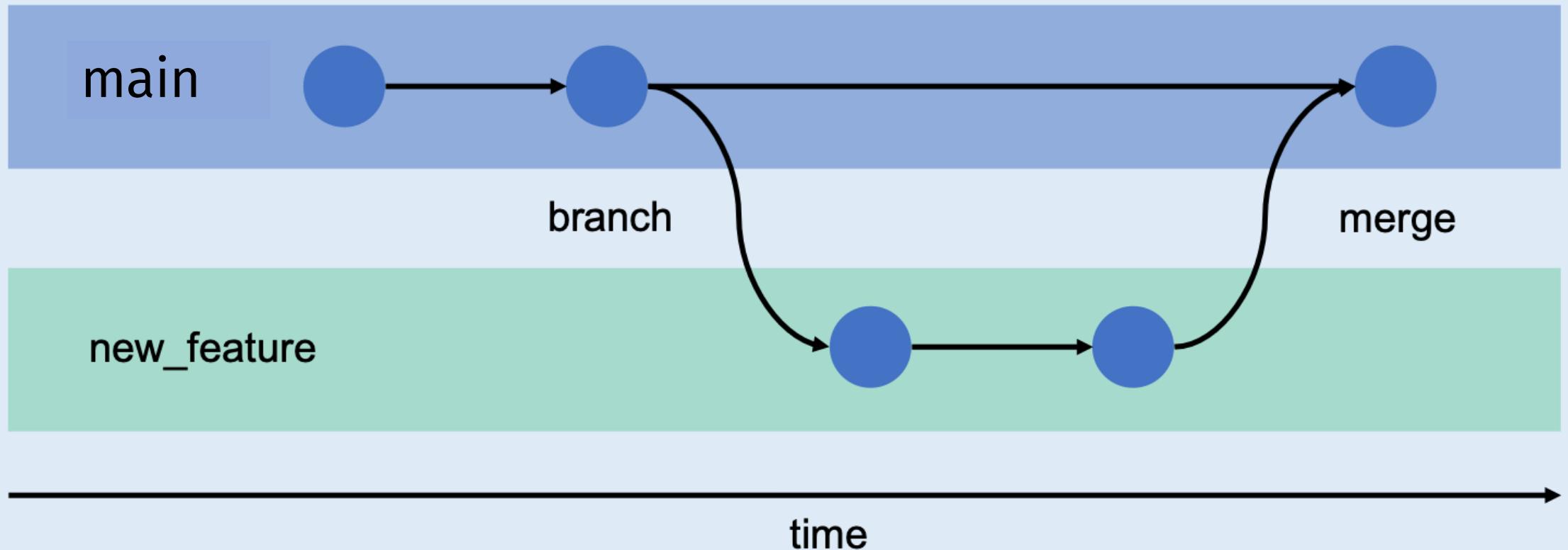
“Adding code” to “save” with a message

git branches



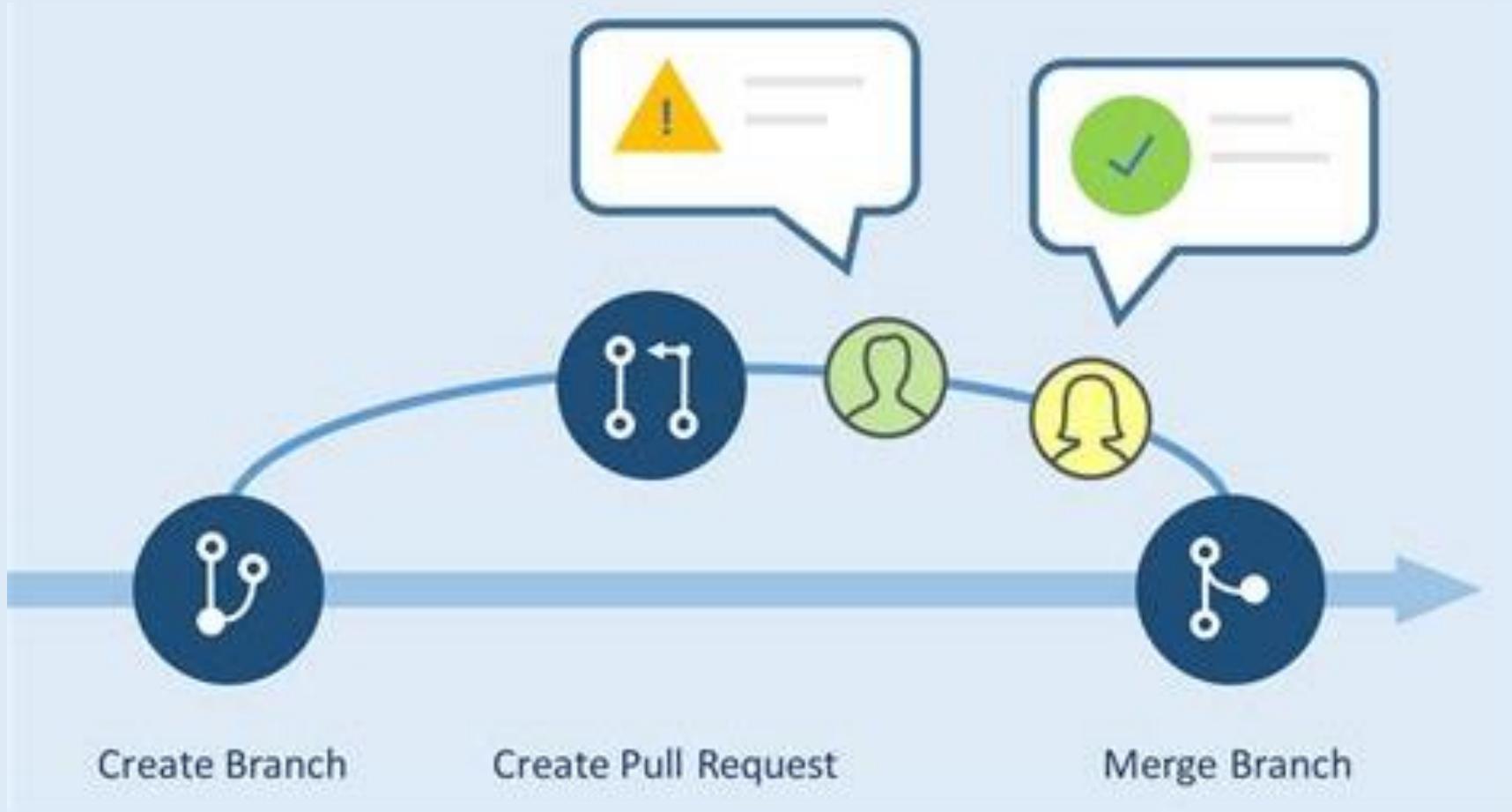
A separate **timeline**

Merging



Combining code from different branches

Pull Request



“A peer reviewed” merge

Git Collaborating

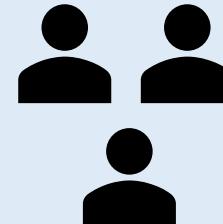
1. Collaborative Coding Sessions



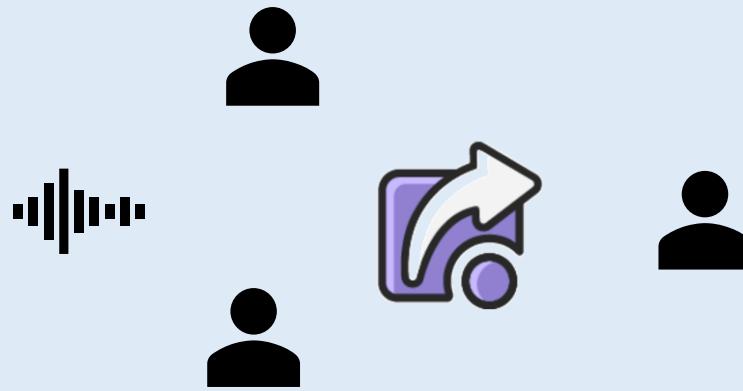
2. Individual Coding Sessions



3. Pair Coding Sessions



Collaborative Coding Sessions



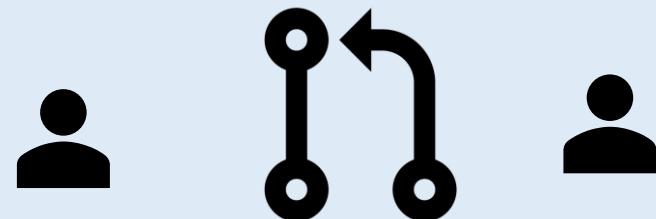
SESSION DETAILS

- Participants (3)
 - Jon W Chu • Header.js:12
 - Amanda Silver • GuestbookGrid.js:13
 - PJ Meyer • GuestbookGrid.js:9
- Shared Servers (2)
 - localhost:3000
 - REST API
- Shared Terminals (2)
 - bash (Read-only)
 - bash (Read/write)
- Audio Participants (3)
 - Jon W Chu
 - Amanda Silver
 - PJ Meyer

```
1 import GridArrow from "./GridArrow";
2 import GridLegend from "./GridLegend";
3 import GuestbookGridCell from "./GuestbookGridCell";
4
5 export default class GuestbookGrid extends Component {
6   constructor(props) {
7     super(props)
8     this.state = PJ Meyer
9     | signatures: signatures
10   }
11 }
12 Amanda Silver
13 render() {
14   const cells = this.state.signatures.map((signature, index) => {
15     | <GuestbookGridCell key={index} {...signature} />
16   });
17 }
18 }
```

Live Share extension in VS Code

Individual Coding Sessions



Pull Requests

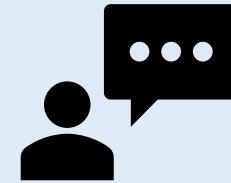
Merge changes using GitHub

Pair Coding Sessions

Look over one's shoulder



Driver



Navigator

Can happen online with screen share over Zoom/Discord/etc.



Work Side-by-side with only one person coding

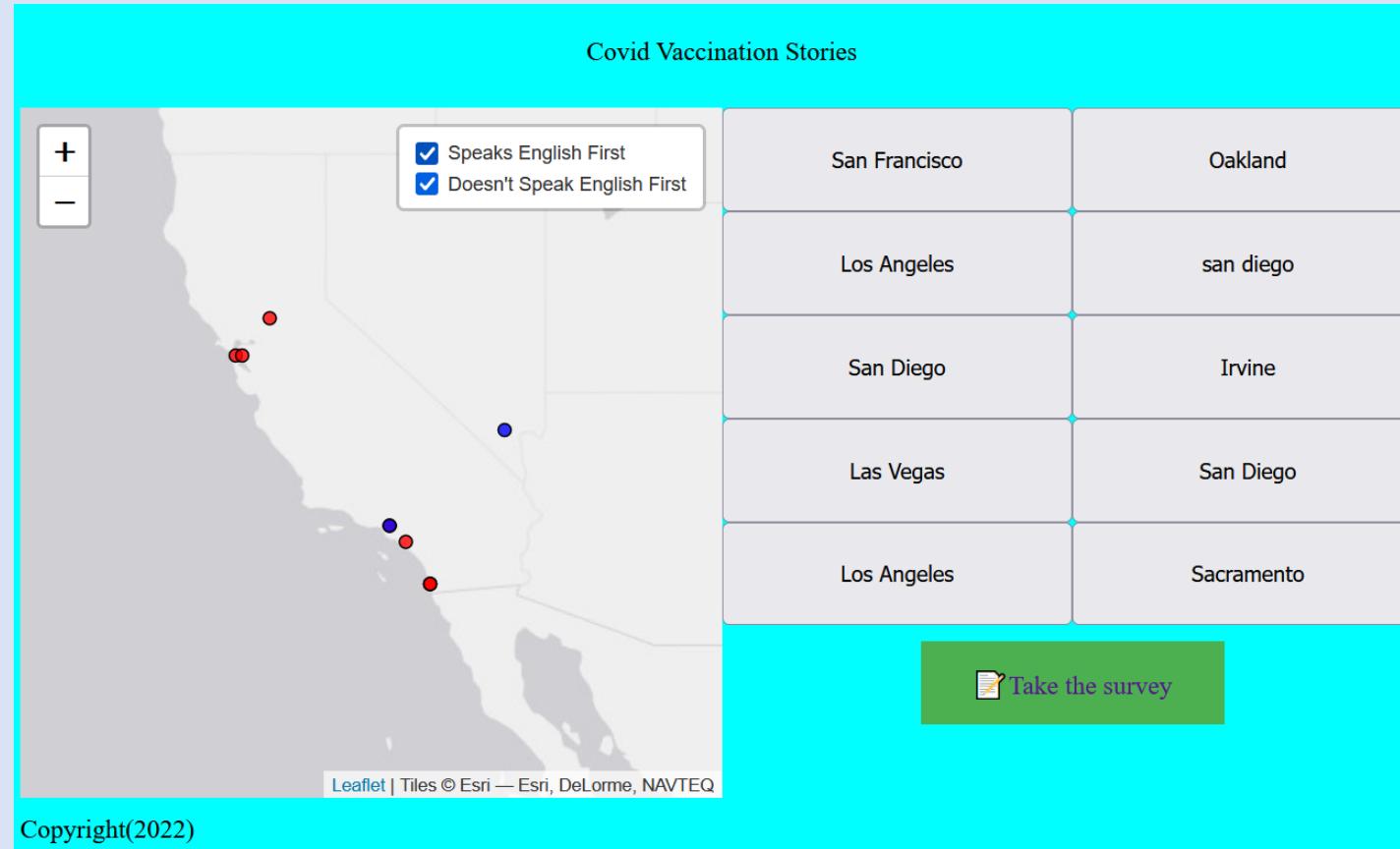
Collaborating with GitHub and Plugins

Lab



Git Terms
GitHub & Plugins

Collaborating with GitHub and Plugins



<https://albertkun.github.io/24SU-ASIAAM-191A/labs/week6/>

Final Assignments

Due July 7/31

- **Final Thinking Cap**
- **Final Group Assignment**

Final Thinking Cap Reminder

What are your thoughts about the future of web development for civil society?

Which visiting voice left the most impact on you?

What people connections (if any) would you like to maintain from this class going forward?

<https://github.com/albertkun/23S-ASIAAM-191A/discussions/27>

Due next week on Thursday 6/8 – Respond to just one other student!