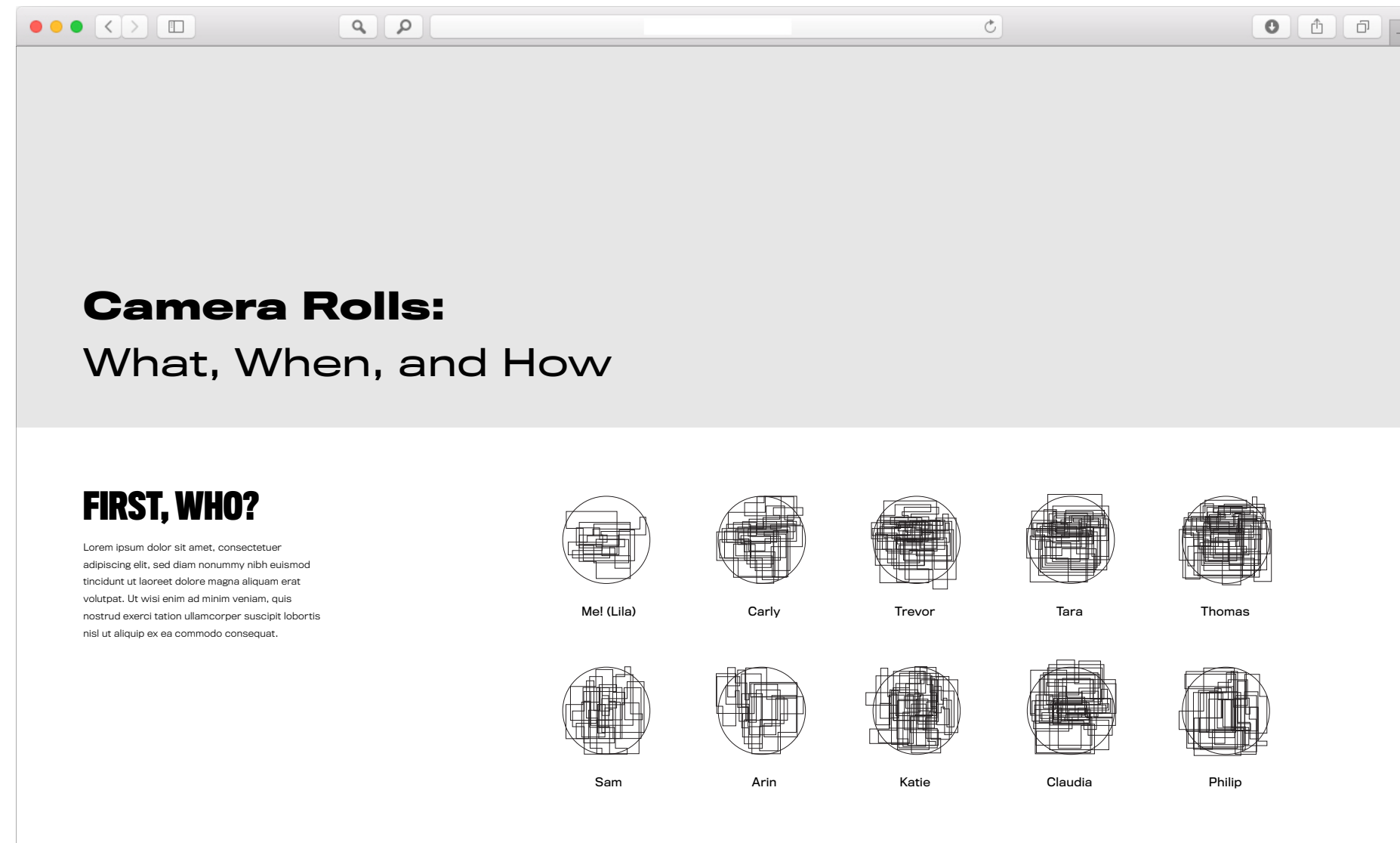Free Form
FA19 Data Visualization
Final Project Proposal

My final project is going to be an examination on the camera rolls of a few of my friends - the last 100 things on their camera roll, no matter what they are. (Of course, I let people edit at their discretion or else no one would have sent me anything. They were allowed to send the last 100 items they were willing to, not necessarily the actual 100. Most people didn't remove more than a couple images anyway). My idea started with wanting to analyze the kinds of images people have in their camera rolls now; it's no longer photos actually taken with your phone, despite them having amazing cameras. It's a mix of photos, memes, screenshots, saved images, videos downloaded from other apps, and so on. Once I collected the images, a few more questions came up that I wanted to answer:

- How many images originated from a phone camera, and how many were screenshots / saved?
- What kinds of images did they take of a person (themselves or others) or something they care about (like a pet) as opposed to things they had to remember or things they needed for school / work?
- I collected 100 images from everybody, so how many days does that translate to from everyone? (ie how many images do they take)
- What times of day did they take photos most often?
- Do the kinds of photos in their camera roll reflect my friends as I know them? (i.e. someone has more photos of their pet than anything, someone has mostly memes, etc)
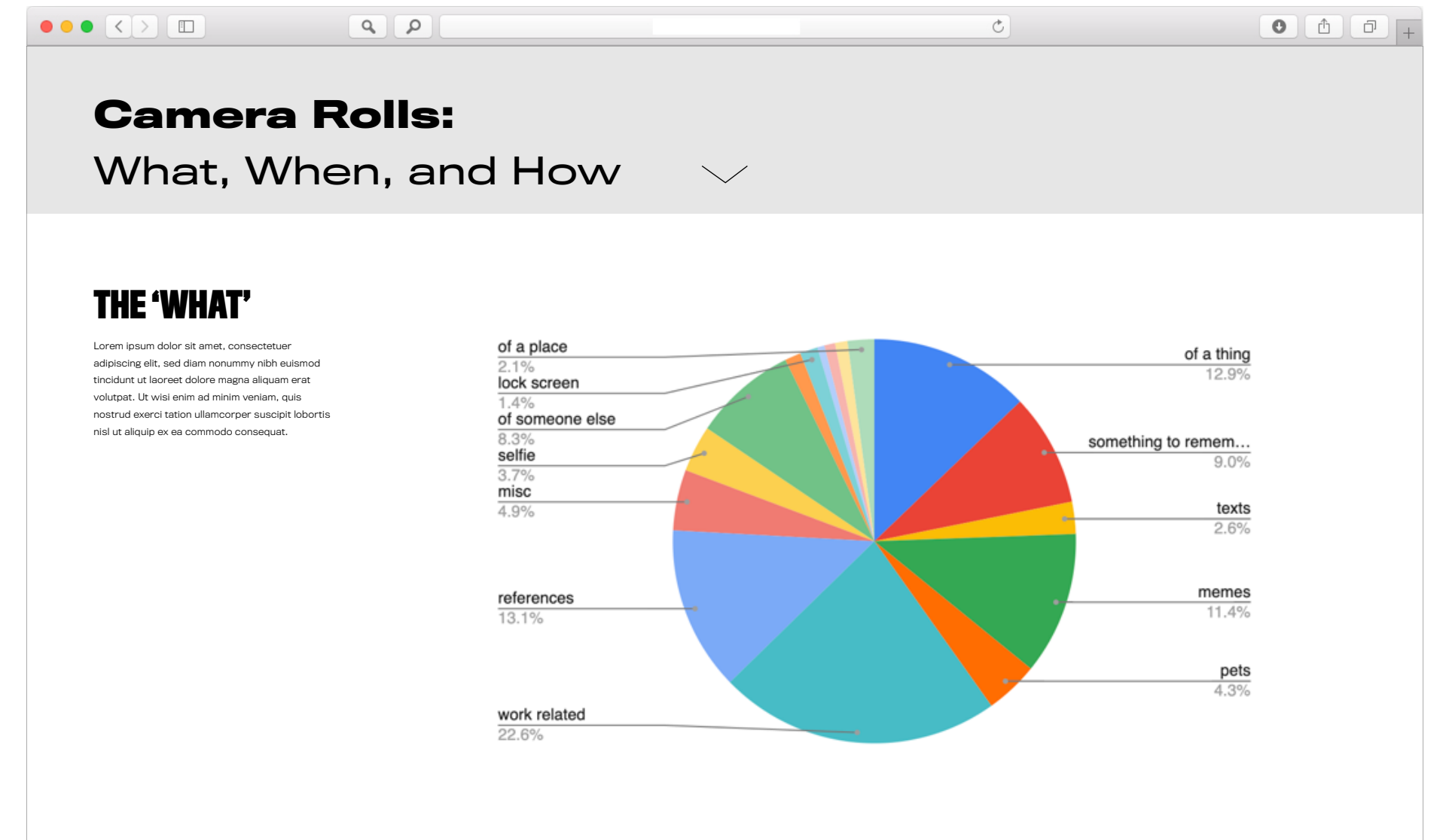
It's an analysis of my friends, so I'd expect the audience to come away with learning a little more about these people, even if they don't know them. Maybe it'd encourage them to think about their own camera rolls and the role their phones play in their lives as well.

PROPOSAL 1

A web-based approach that breaks down my findings into sections, rather than trying to cram it all into one visualization. This may or may not be interactive, depending on what I'm able to achieve and what kinds of visualizations I opt for.
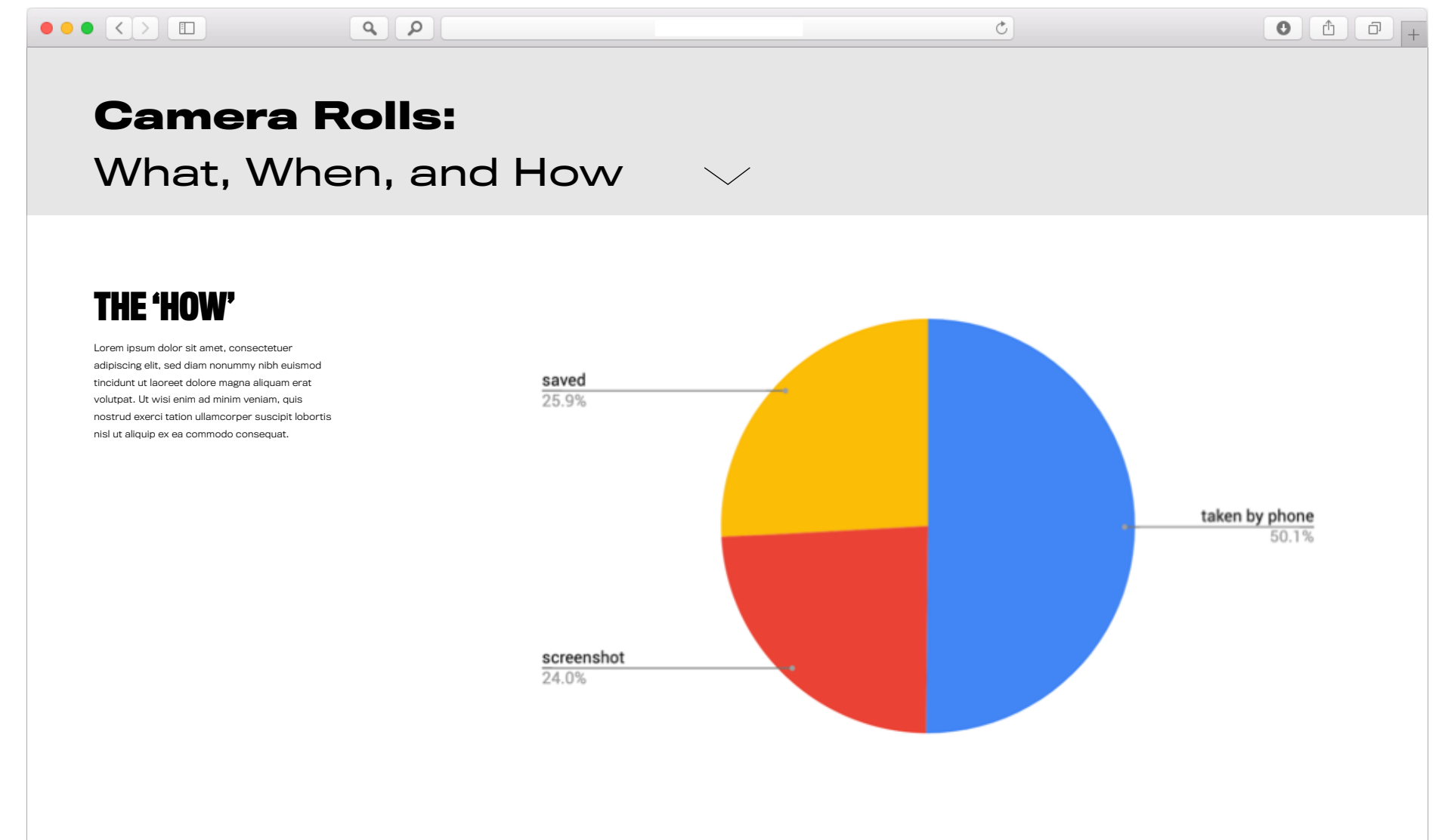

A breakdown of who these people are that I took the photos from - these are "identity" badges I designed for another class as an example

What kinds of photos did people have or take? This is just a quick chart generated from Google Sheets.

When were the photos taken? This is a temporary graph, but it would probably still take form as a line graph.

Finally, how were they taken? Screenshots, saved/downloaded, or actually taken by a phone?

PROPOSAL 2

A print book that's made up of two parts:
The first part has a chapter dedicated to
each of the individual contributors,
analyzing their data alone.

The second part looks at the bigger
picture and combines all the data into
what the photos are of, when they were
taken, etc.

This would give me a lot more room to play
and make every kind of conceivable
visualization - I imagine this book being
quite long, 50-100 pages.

Camera Rolls:
What, When, and How

Table of Contents

by who?

Mel (Lila)   Carly   Trevor

Sam   Arin   Katie

Tara   Thomas   Claudia

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# of what?

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Work Related

Memes

Something to Remember
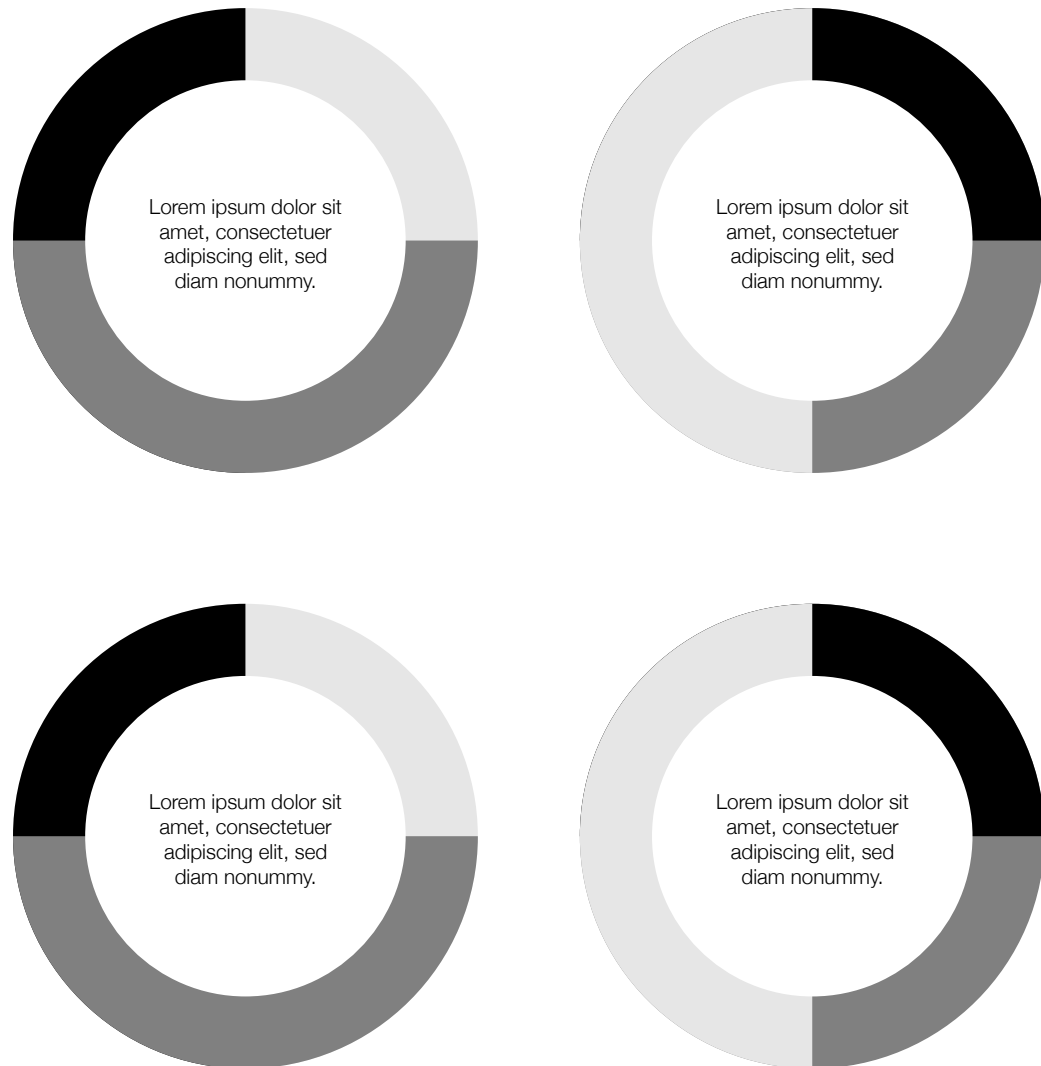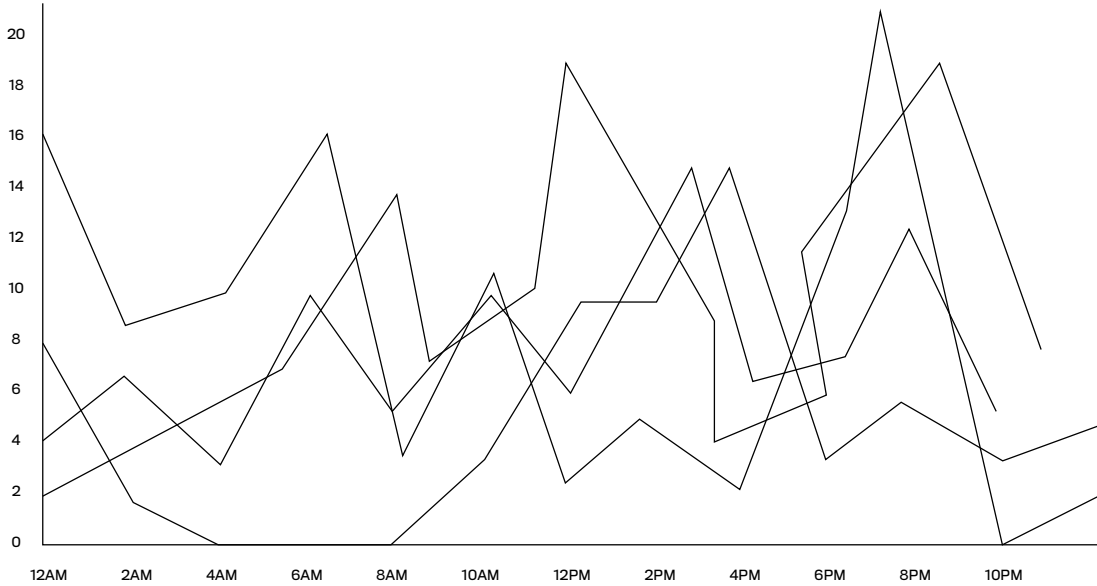
Selfies

Food/Drink

Texts

Pets

PROPOSAL 3

A poster / installation approach that lets the viewer see everything at once - the "three reads" approach of the overall big picture, the breakdown of each category, and the most micro level of the people (and who contributed what data).

The first layer is a standard print with the larger, combined categories; then there is an acetate overlay that shows which people contributed what percentage.
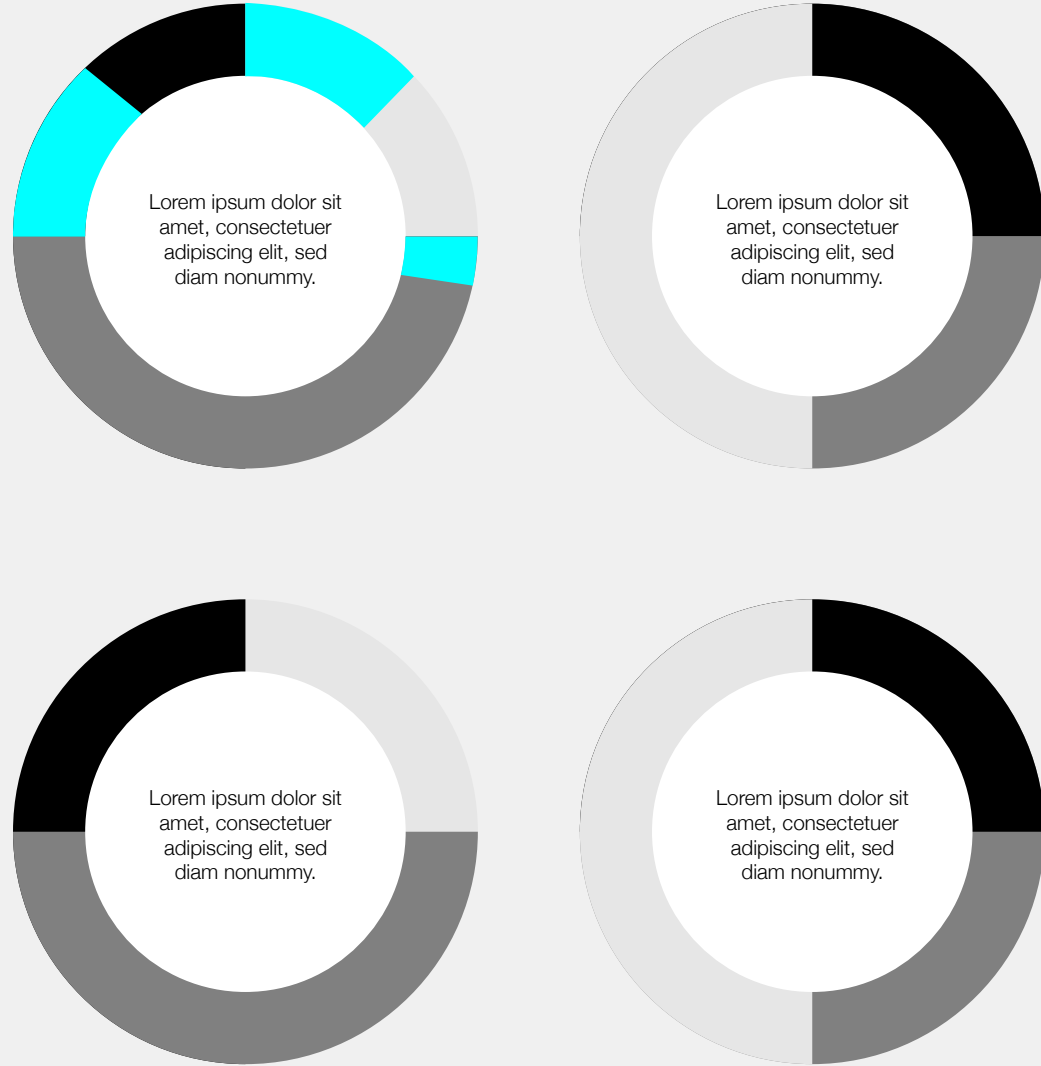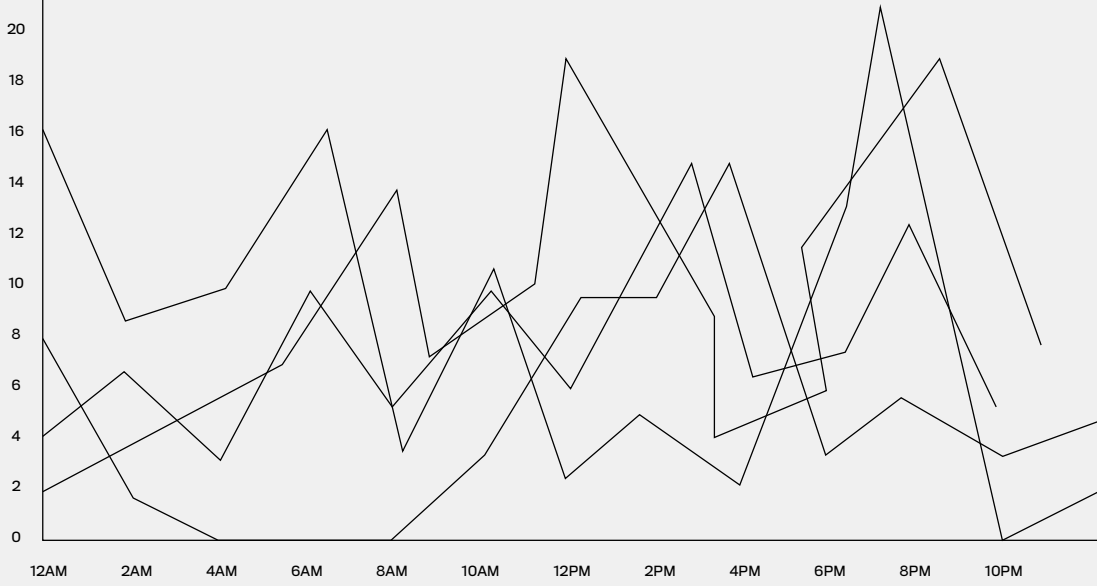
The acetate overlay - the blue would be the numbers of one person