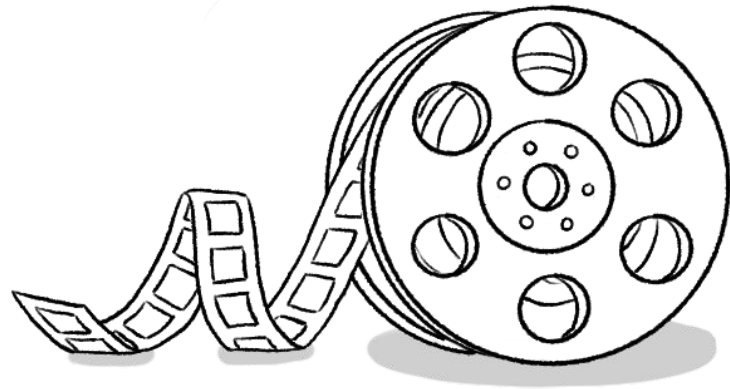


295 bil





EXPOSING THE TECHNOLOGY NEEDS OF PUBLIC DEFENDERS

Process

Results

Key Takeaways

Process

Results

Key Takeaways

A Walkthrough / Phase 1

GOAL: SUPPORT SECURE JUSTICE EFFORTS TO REDUCE SURVEILLANCE & MASS INCARCERATION
+ EMPOWER PUBLIC DEFENDERS & THEIR CLIENTS

BUILDING A TECHNICAL TOOL FOR PUBLIC DEFENDERS



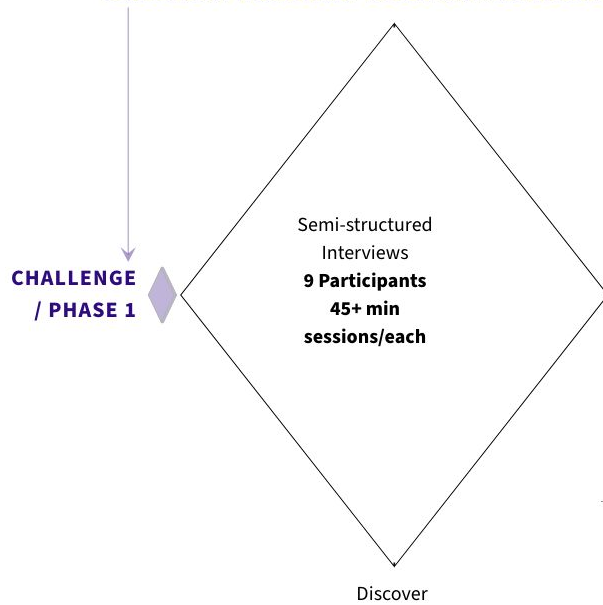
CHALLENGE
/ PHASE 1  Discover

TIMELINE: JAN 2020

A Walkthrough / Phase 1

GOAL: SUPPORT SECURE JUSTICE'S EFFORTS + EMPOWER PUBLIC DEFENDERS & THEIR CLIENTS

BUILDING A TECHNICAL TOOL FOR PUBLIC DEFENDERS

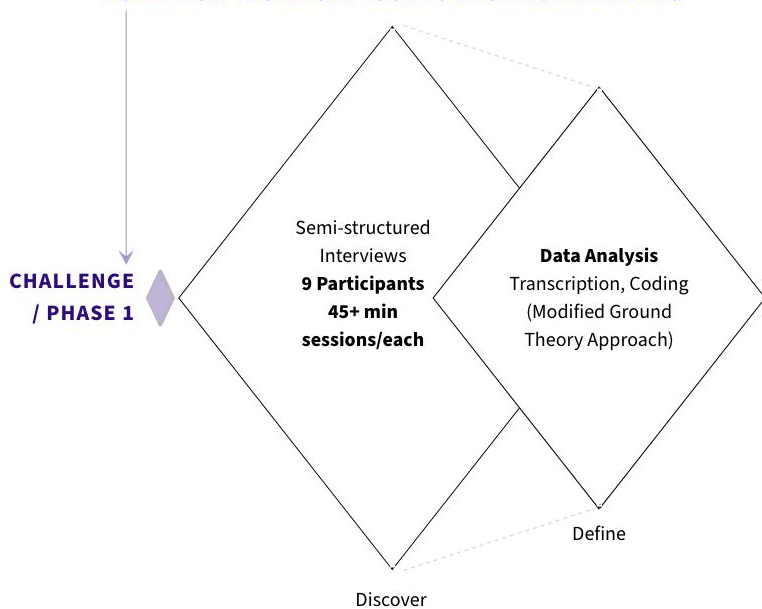


TIMELINE: JAN 2020

A Walkthrough / Phase 1

GOAL: SUPPORT SECURE JUSTICE'S EFFORTS + EMPOWER PUBLIC DEFENDERS & THEIR CLIENTS

BUILDING A TECHNICAL TOOL FOR PUBLIC DEFENDERS



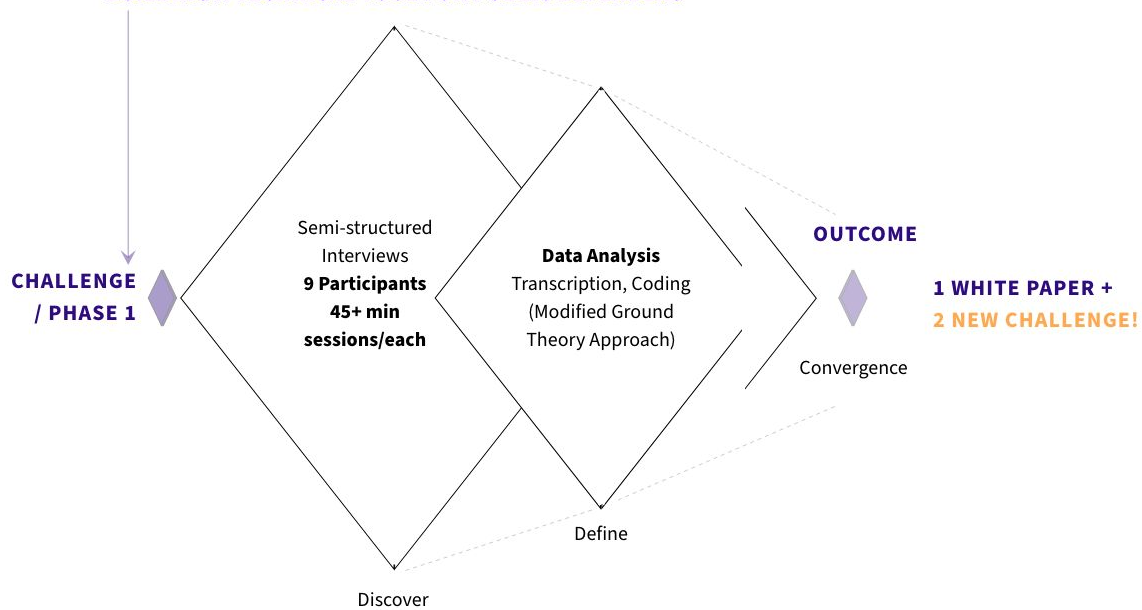
TIMELINE: JAN 2020

MID- MAR 2020

A Walkthrough / Phase 1

GOAL: SUPPORT SECURE JUSTICE'S EFFORTS + EMPOWER PUBLIC DEFENDERS & THEIR CLIENTS

BUILDING A TECHNICAL TOOL FOR PUBLIC DEFENDERS



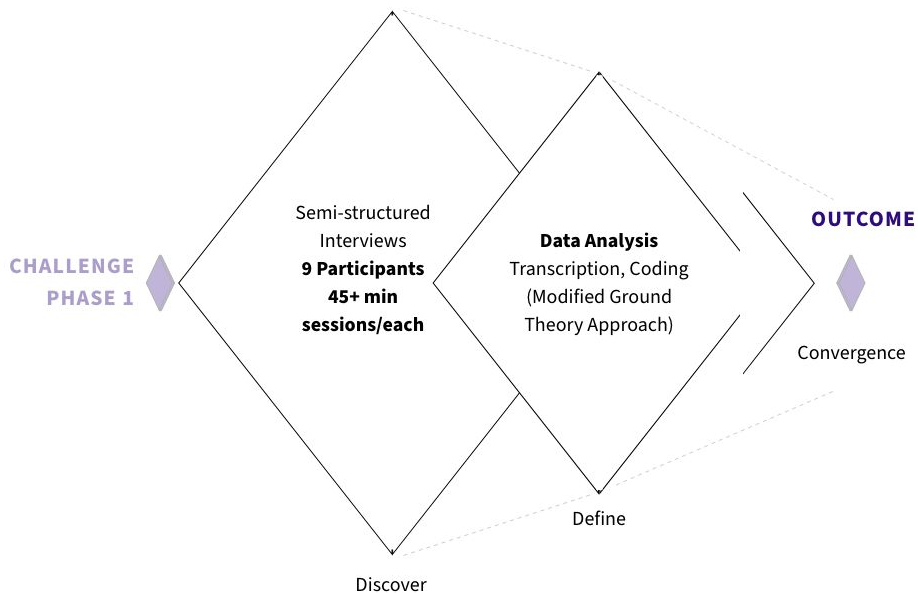
TIMELINE: JAN 2020

MID- MAR 2020

JUNE 2020

A Walkthrough / Phase 1-2

GOAL: SUPPORT SECURE JUSTICE'S EFFORTS + EMPOWER PUBLIC DEFENDERS & THEIR CLIENTS



OUR NEW CHALLENGE / PROBLEM STATEMENT

How might we encourage civic engagement from technologists & policy advocates and present opportunities for them to address public defender's needs?

TIMELINE: JAN 2020

MID- MAR 2020

JUNE 2020

A Walkthrough / Phase 2

GOAL: SUPPORT SECURE JUSTICE'S EFFORTS + EMPOWER PUBLIC DEFENDERS & THEIR CLIENTS



TIMELINE: JAN 2020

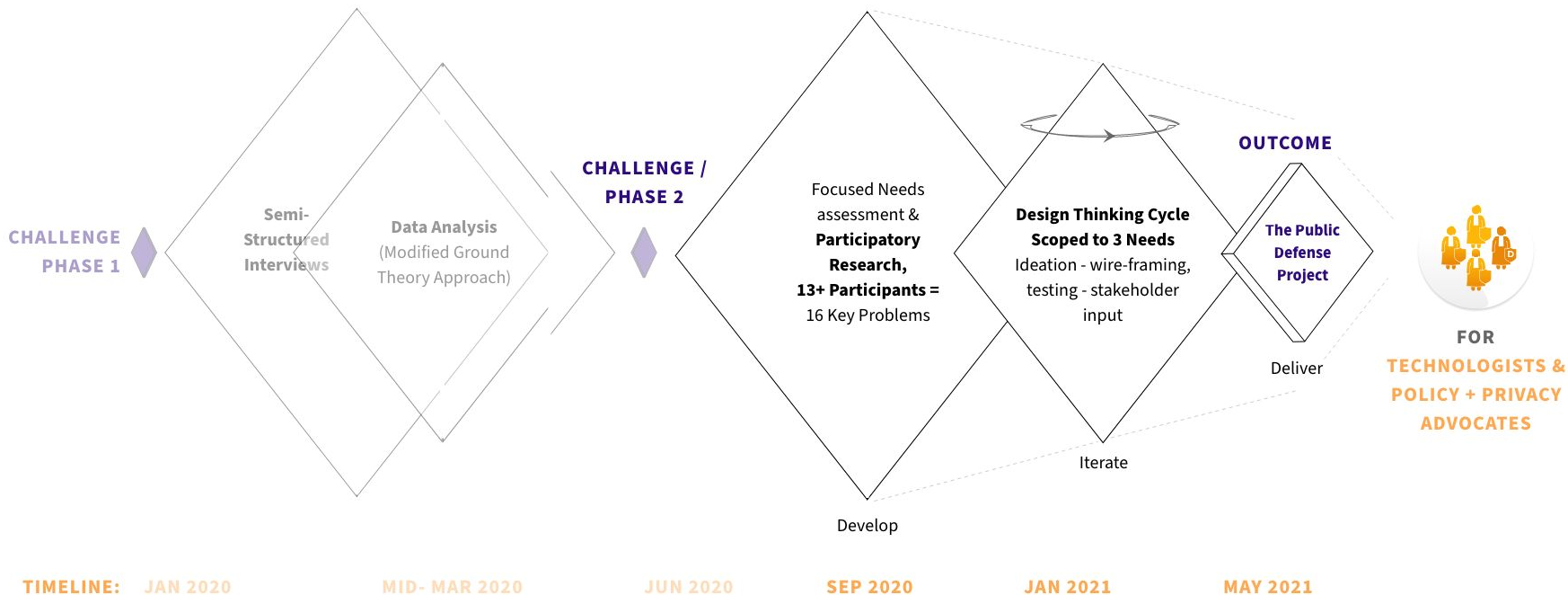
MID- MAR 2020

JUN 2020

SEP 2020

A Walkthrough / Phase 2

GOAL: SUPPORT SECURE JUSTICE'S EFFORTS + EMPOWER PUBLIC DEFENDERS & THEIR CLIENTS
+ EDUCATE . MOTIVATE . DEVELOP . INSPIRE .



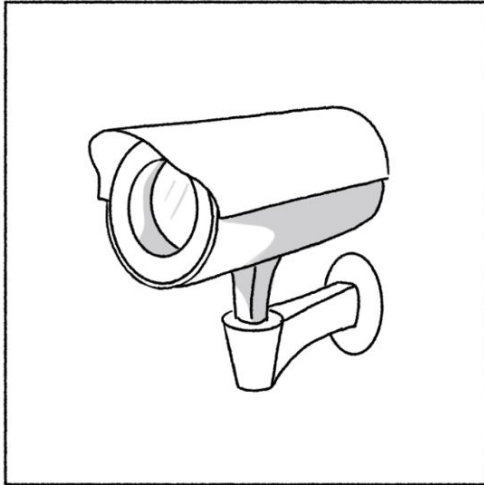
Process

Results

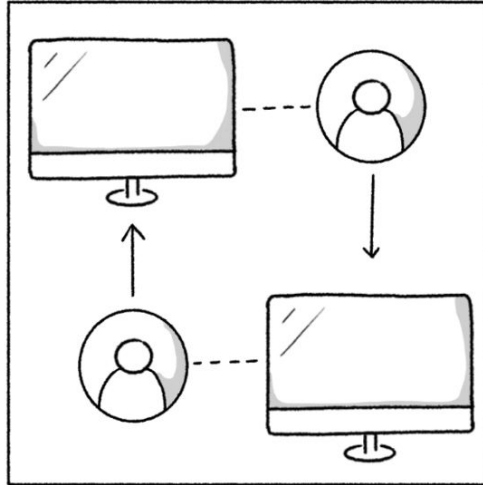
Key Takeaways

Three Important Areas of Need

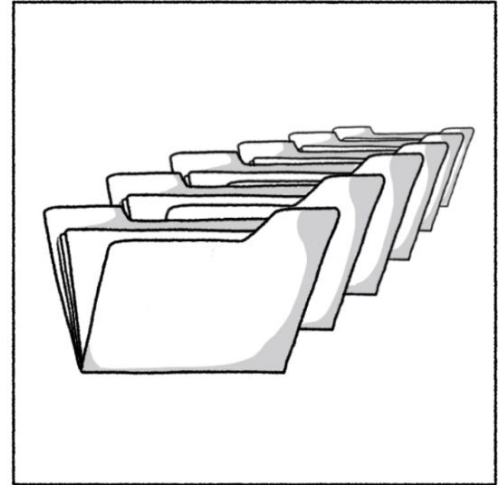
We present user stories, highlighting opportunities for technical and policy work, touching on three major problem areas.



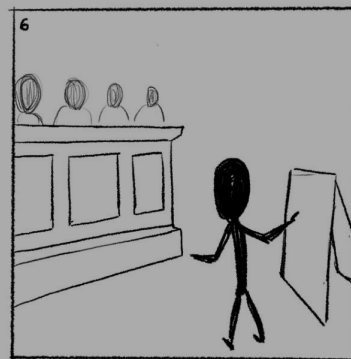
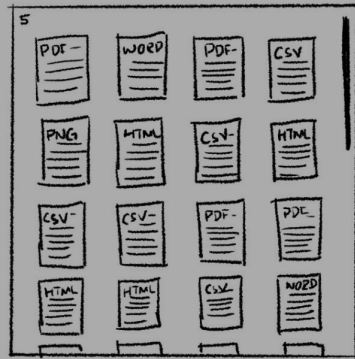
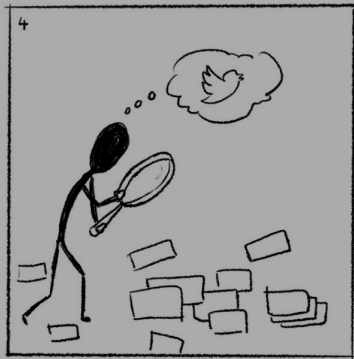
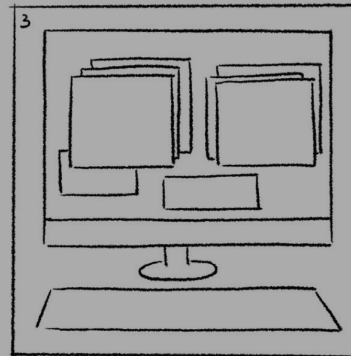
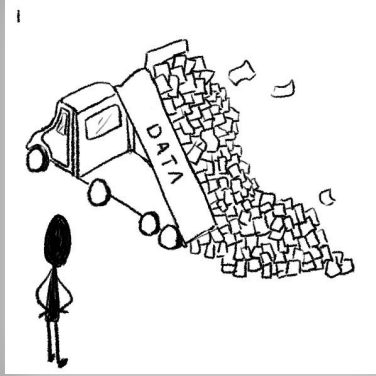
NOVEL SURVEILLANCE DATA



INFORMATION SHARING



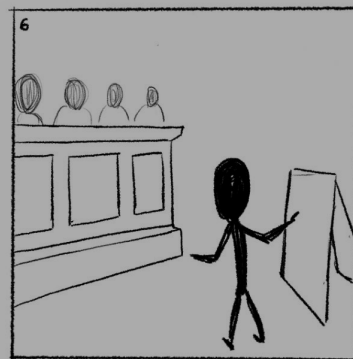
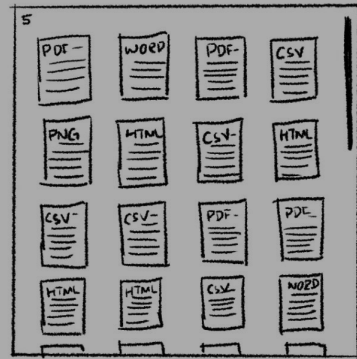
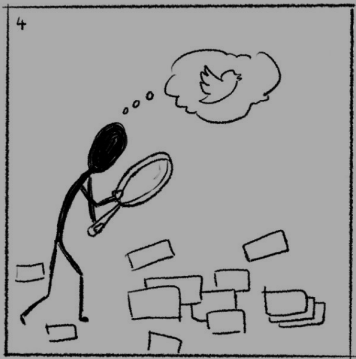
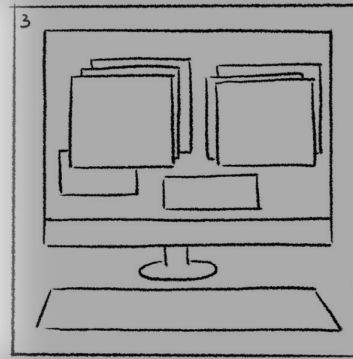
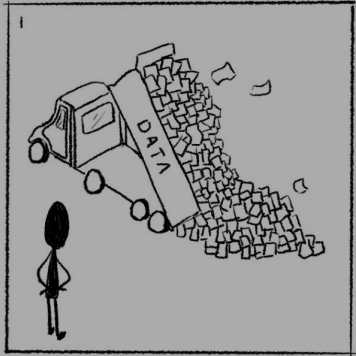
DATABASE MANAGEMENT



Public defenders receive a huge amount of data through subpoenas or from prosecutors during discovery

“We get a lot of cases where the feds have gotten a warrant to Instagram. And they will send us a [25,000 page PDF] which is not usable.”

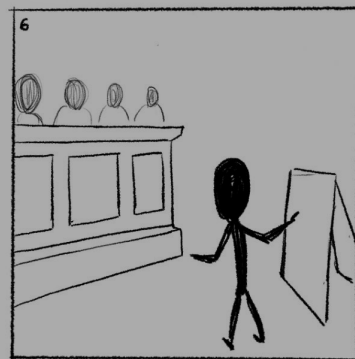
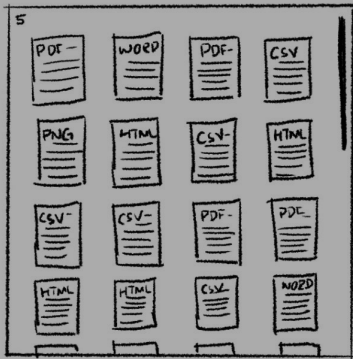
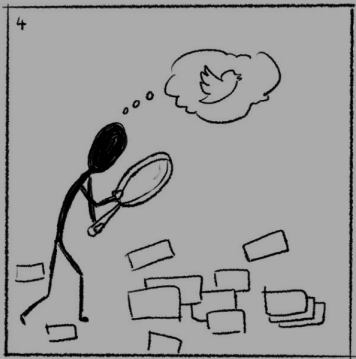
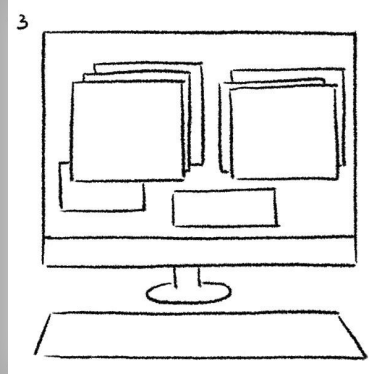
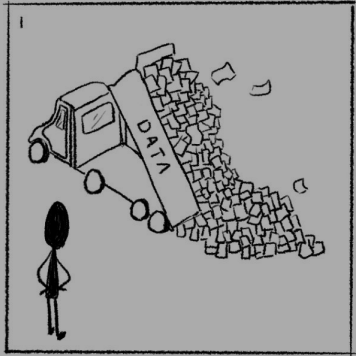
- Public Defender



Public defenders may hire experts to go through the data

“This guy was good. Why was he good? That’s the challenge – understanding the background of a person and if they’re reliable and trustworthy.”

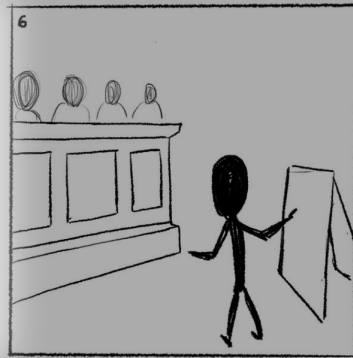
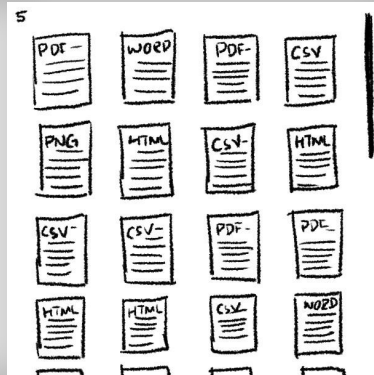
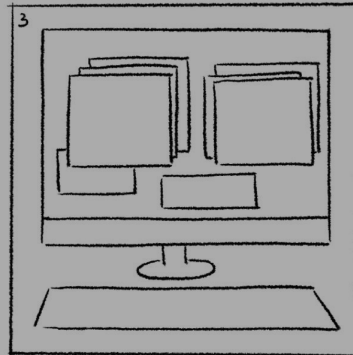
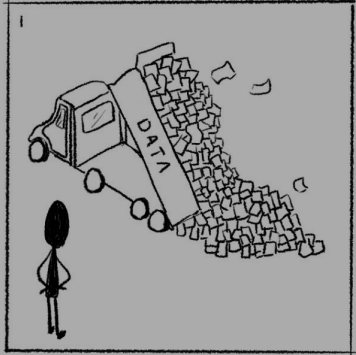
- Public Defender



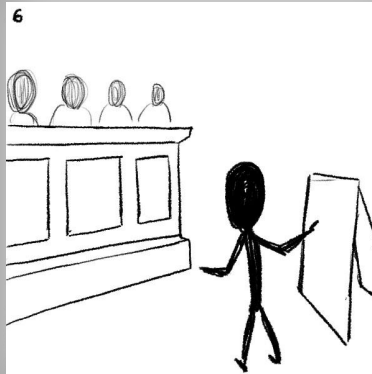
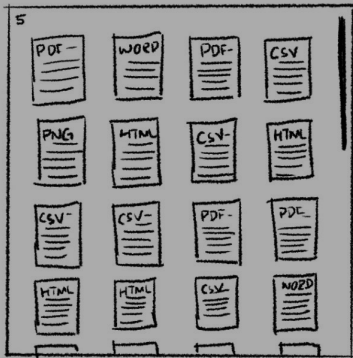
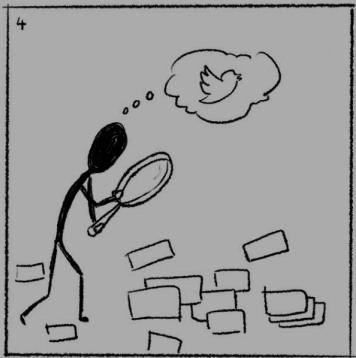
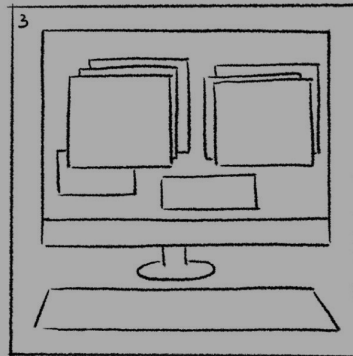
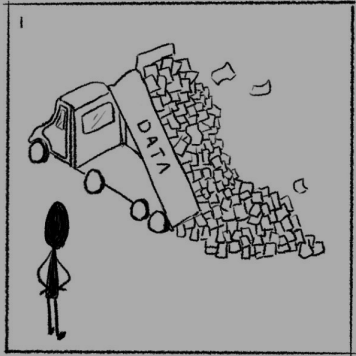
Public defenders also have paralegals organize the data

*"I spend **3-7 hours** a day just standardizing file formats"*

- Paralegal in a Public Defense Office



Public defenders try to find what, in the data, is relevant to their case and combine it with other data



Public defenders present the data in court

“I don’t really feel qualified explaining that [how a technology works] to a judge.”

- Public Defender

Process

Results

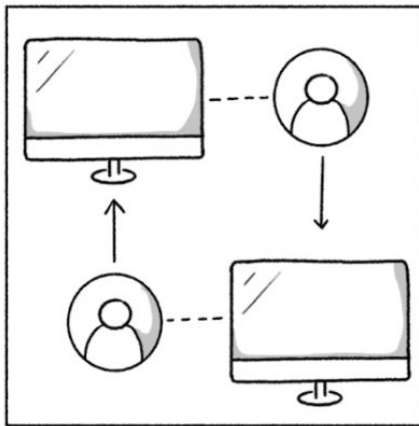
Key Takeaways

Technical Solutions

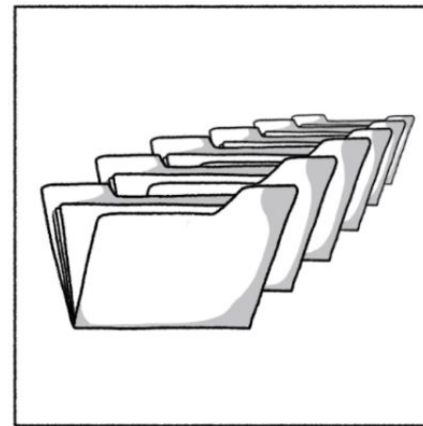


Tools Specific to public defenders for **processing novel surveillance data**

(Eg. Transcription & Sorting for body worn cameras; Automatic social media data processing)



Better case management and organizational tools



Social computing platform for public defenders to share information

Policy Solutions



I .. feel [with some of the technical solutions] ... like it'd be great to have a system where people are texted before their court date, but even better would be a system where ninety percent of the court dates don't happen because they're totally useless”

- Bay Area Public Defender



1. **Transparency** in acquisition of new surveillance systems (*see work of Oakland Privacy Commission*)
2. **Exceptions to trade secrets and copyright laws** that require technology used to process or present evidence in the courtroom be accessible to public defenders
3. **Consider public defenders in privacy legislation**

Big Picture: Reduce caseloads & Increase funding for public defense offices

PSA for All Technologists!

Make a plan for responding to warrant and subpoena requests.



“

It's not privacy laws or technical hurdles that prevent me from getting social media data, it's Facebook [...] They will give law enforcement stuff without a warrant but they won't respond to our subpoenas very often!”

- Bay Area Public Defender

Our Work in Action!

This project has recruited & supports a number of technologists building systems for public defenders & advocating for their needs



Prof. Parameswaran & Prof. Chasins are working on **tools to to manage police misconduct, court record, and case-specific data** for public defenders using **this need finding**



Prof. Abebe, Prof. Wexler and others **providing consulting on algorithmic systems for Public Defenders**



We have connected a startup called “**JusticeText**” which makes **transcription tools for Public Defenders** with the SF Public Defenders



Secure Justice is using this to **guide policy work developing privacy and transparency ordinances** through the Bay area, and hope to use the website to drive action supporting the needs of public defenders

Our Team



**JYEN YIE
WONG**



**RACHEL
WARREN**



**SNEHA
CHOWDHARY**



**TIFFANY
PHAM**



NPO PARTNER

Special thanks to our Advisor, Mentors & contributors along the way

**NILOUFAR SALEHI . STEVE TRUSH . BRIAN HOFER .
SARAH CHASINS & ADITYA PARAMESWARAN**

<https://sites.ischool.berkeley.edu/publicdefense/>