

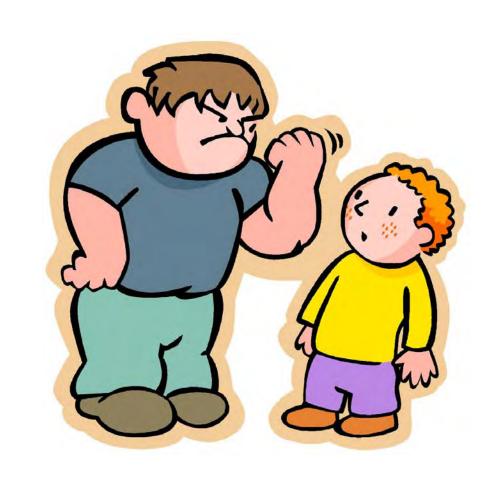
Chia-Han Chung | Kyle Freed | Ji Soo Yim

Web Development Storyboarding Project Manager User Researcher Designer Writer Storyboarding Empowering teachers and administrators to recognize bullying related behavior trends and create and evaluate effective solutions.

The Problem

Bullying Statistics

- 30% of U.S. students have experienced bullying¹
- 70-80% are affected at some time by bullying¹
- Effects last into adulthood¹
- Most prevalent in middle school²



Our Solution

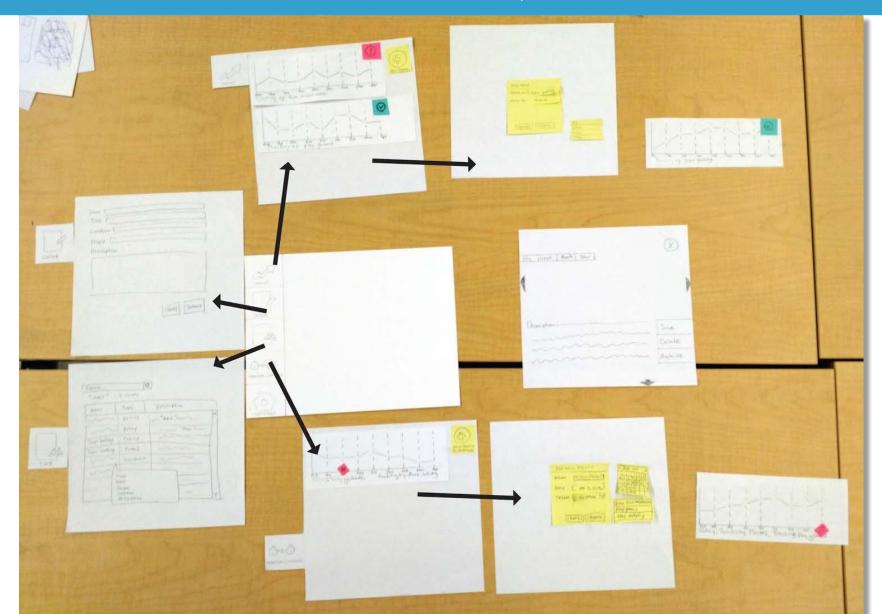
Schoolview

- Enables teachers and administrators to gain insight into trends in negative student behavior
- Informs opportunities to intervene

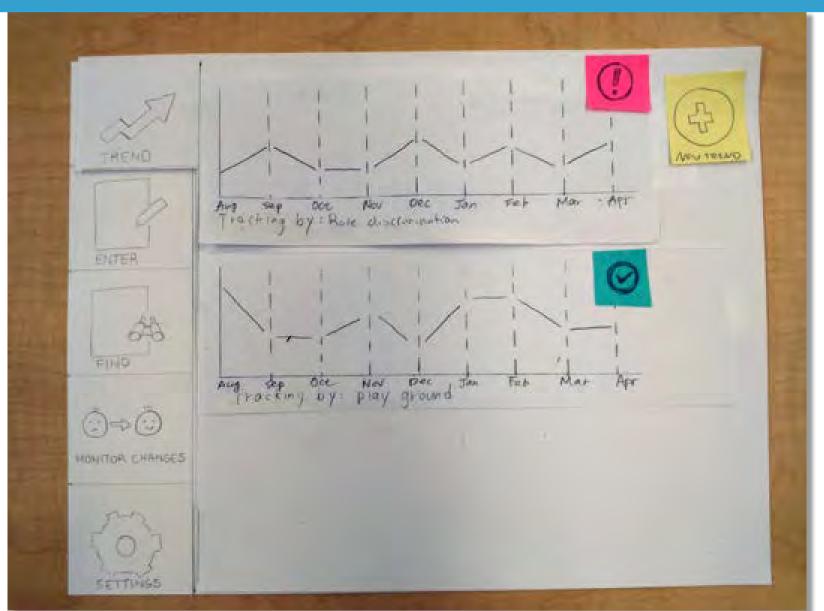


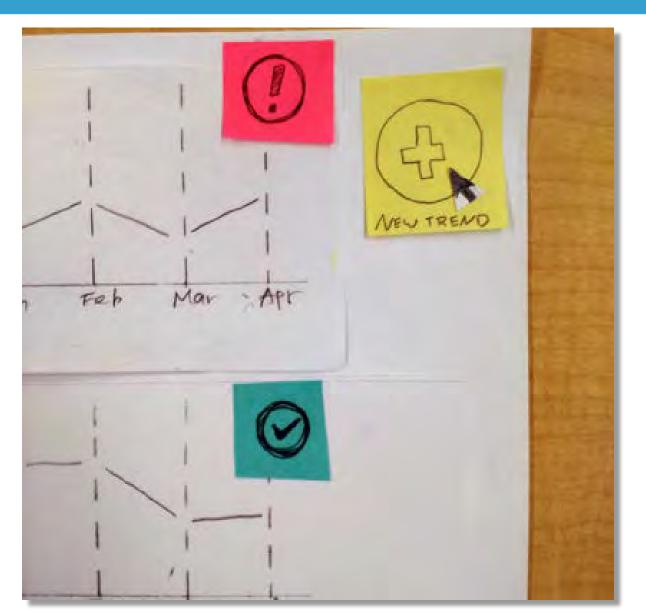
Initial Paper Prototype

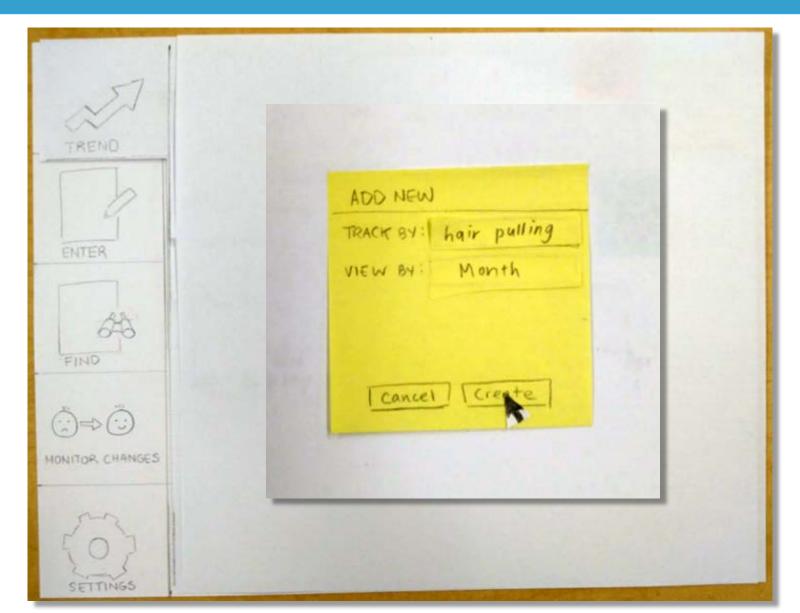
Initial Paper Prototype

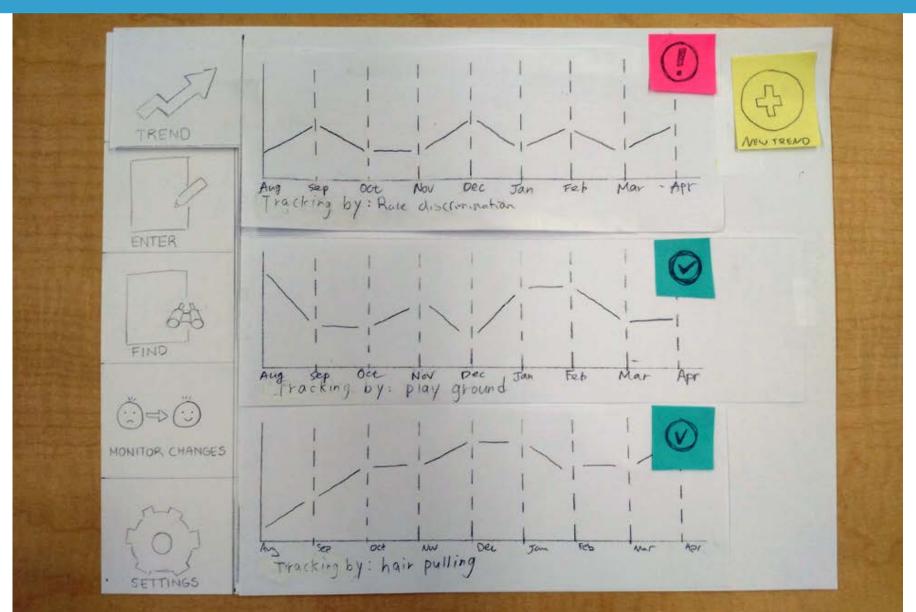


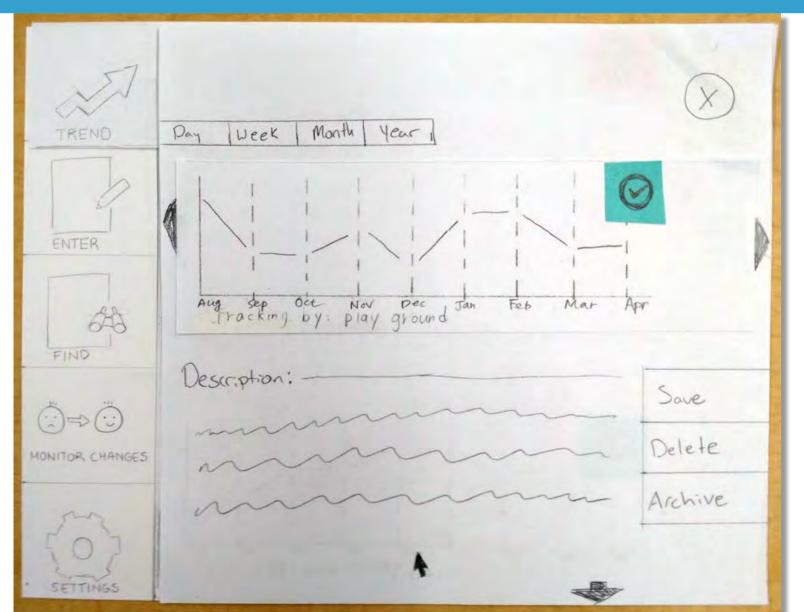
Task 1



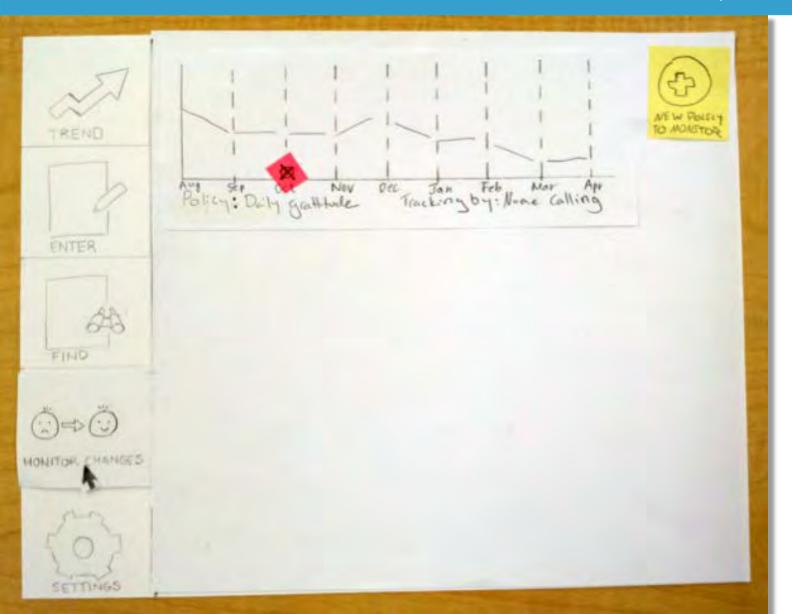


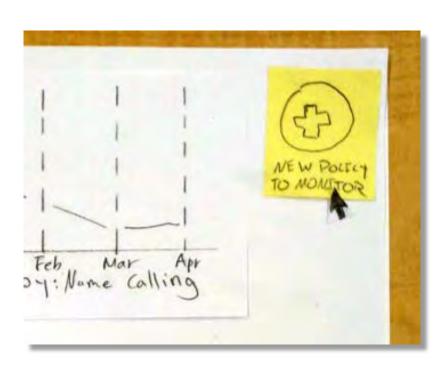


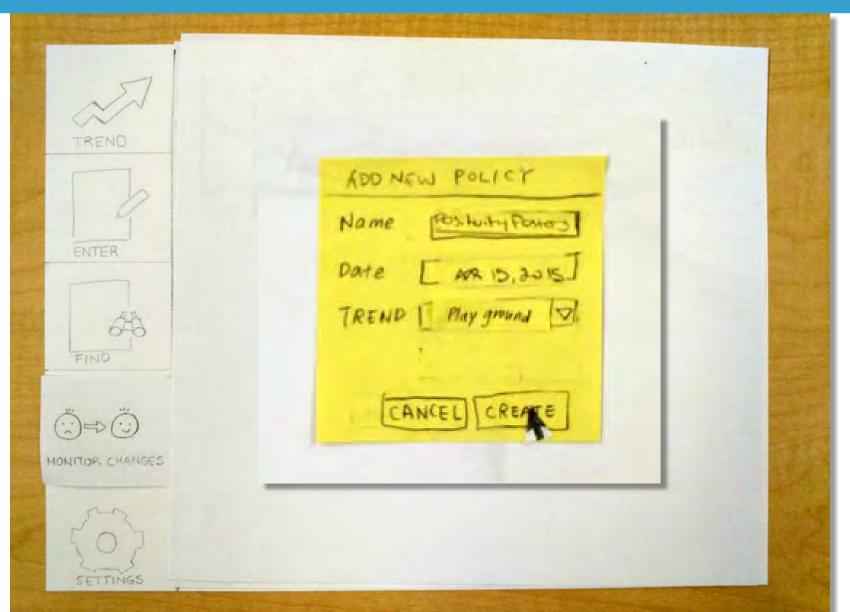


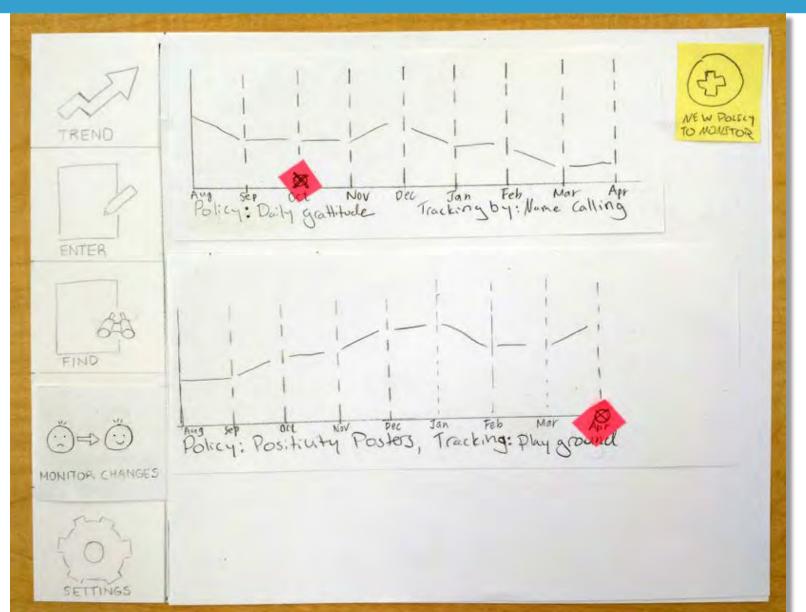


Task 2



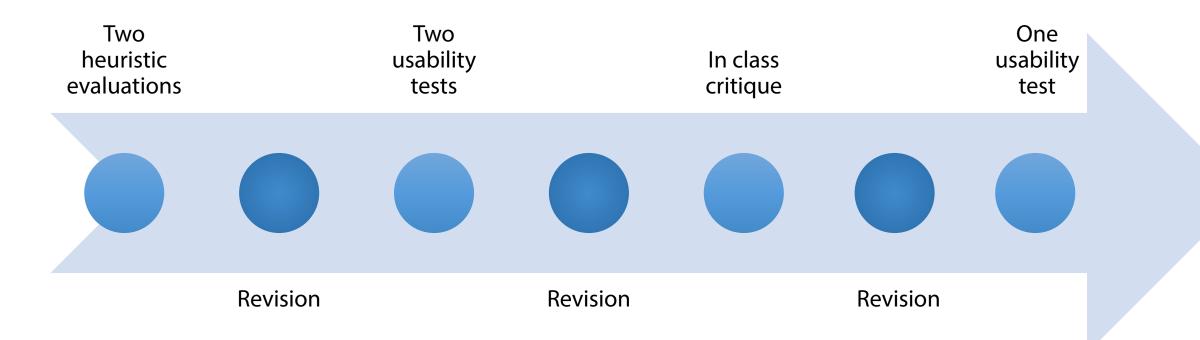






Testing

Testing: Process



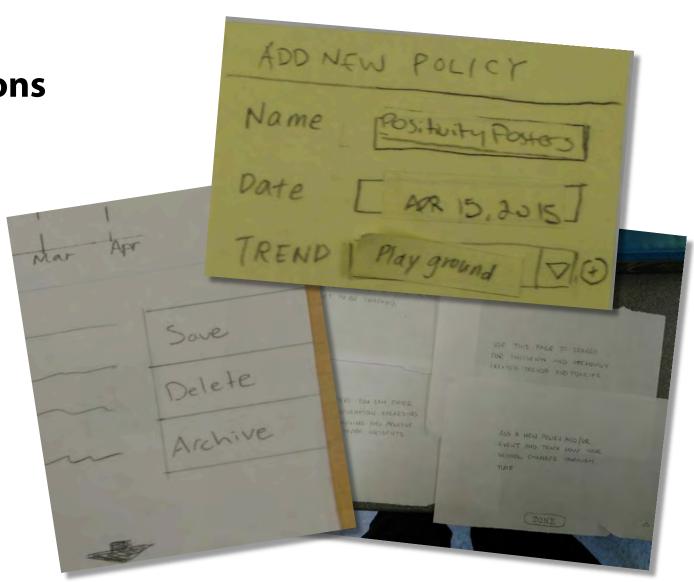
Testing: Process

Heuristic Evaluation: Violations

Consistency and standards

Help and documentation

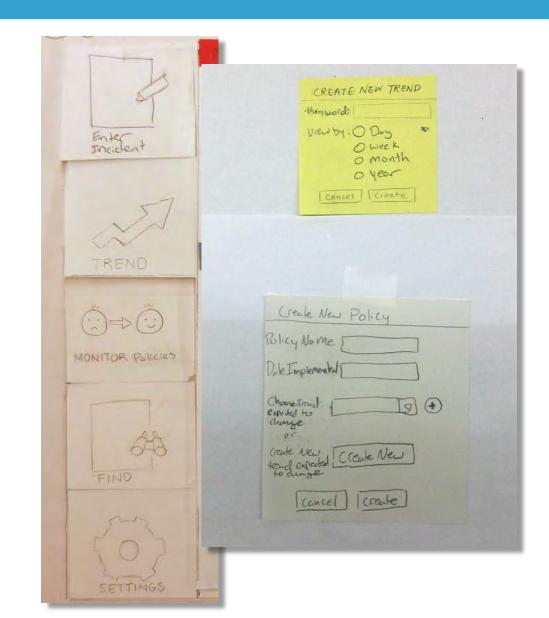
User control and freedom



Testing: Process

Usability Testing: Participants and Process

- UW students
- Protocol refined over time
- Biggest problems: creation screens, navigation, tutorial comprehension



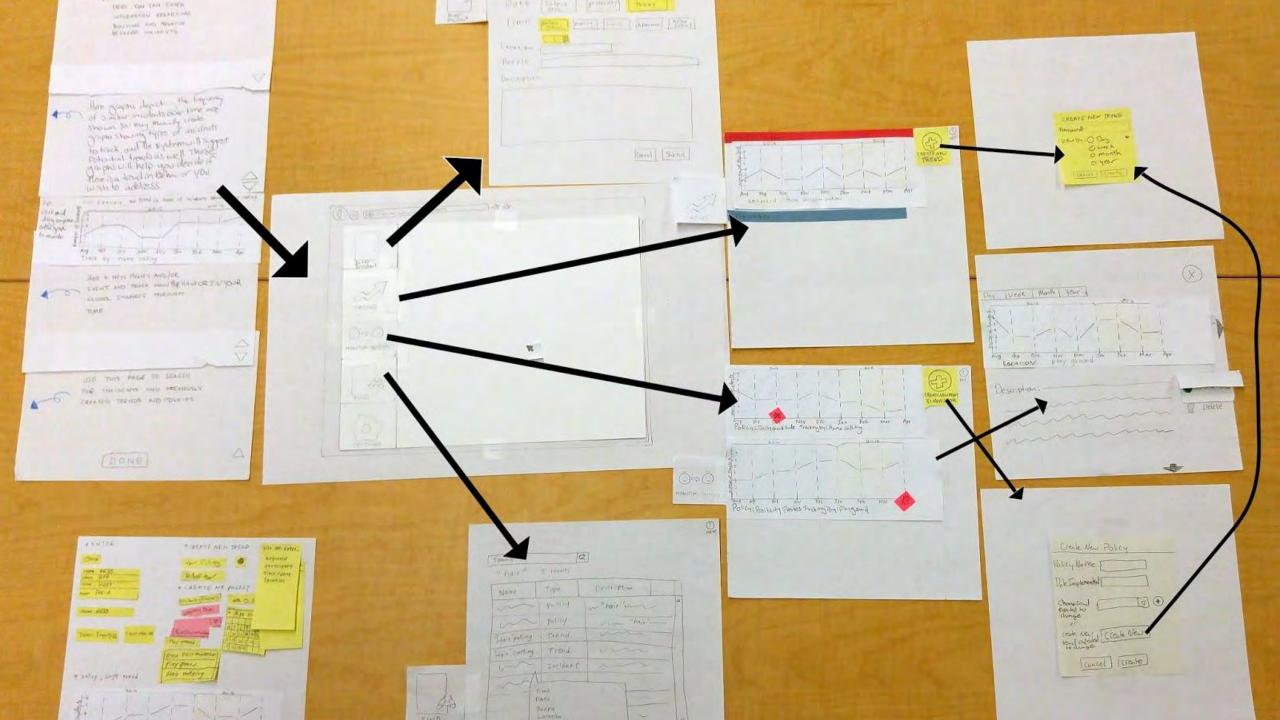
Testing: Results

Most significant changes

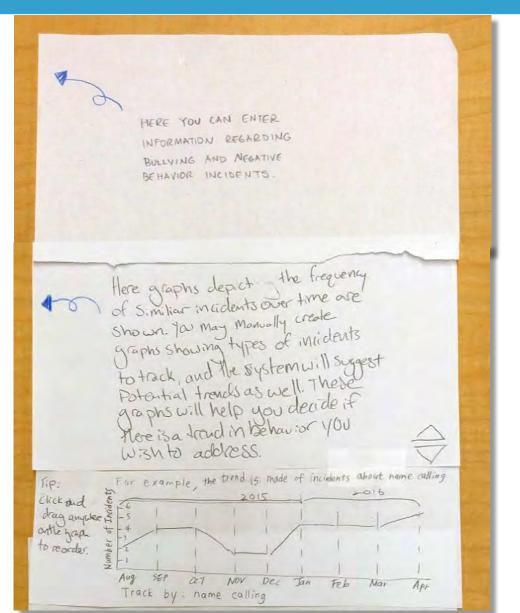
- Addition and refinement of tutorial
- Finalizing cohesion and vocabulary
 - Action buttons
 - Creation screens
 - Improving workflow
- Final usability test was very smooth

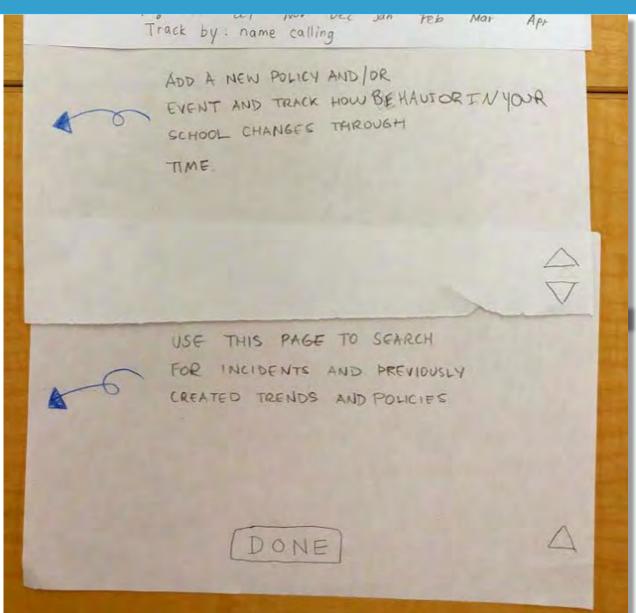


Final Paper Prototype

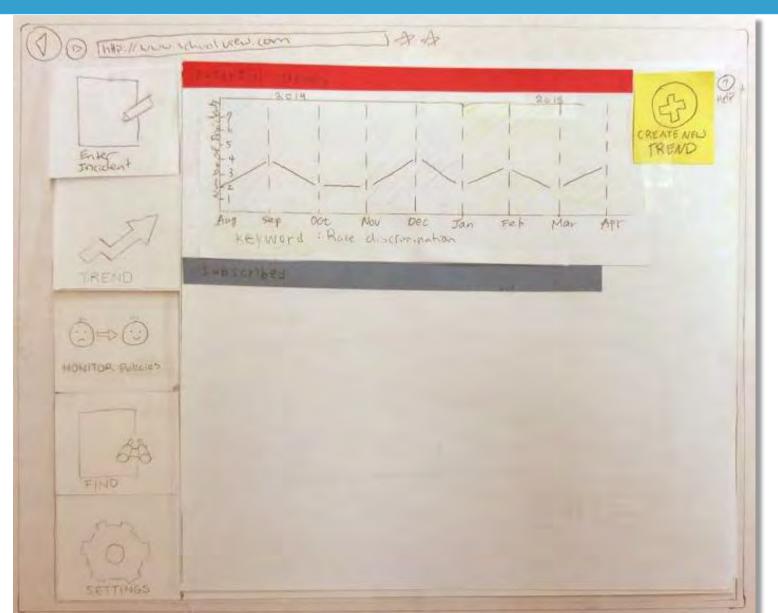


Final Paper Prototype



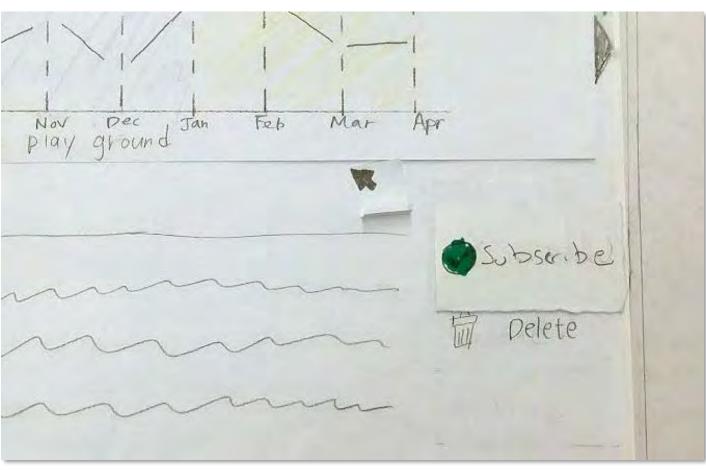


Final Paper Prototype



Final Paper Prototype





Digital Mockup

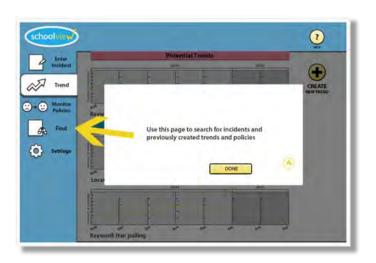
Digital Mockup

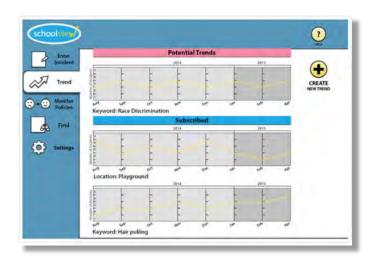
Overview

Tool: Photoshop

- Challenges:
 - Styling
 - Color choice









Task 1









Trend



Monitor Policies

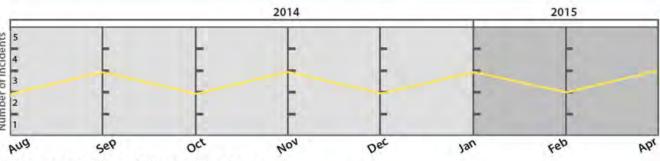


Find



Settings

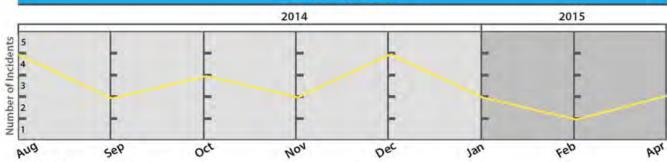






Keyword: Race Discrimination

Subscribed



Location: Playground









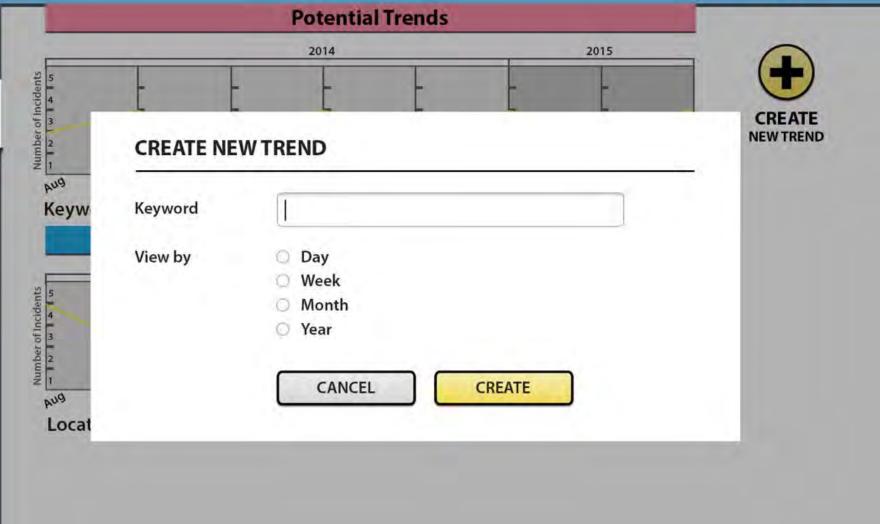
Trend





Find













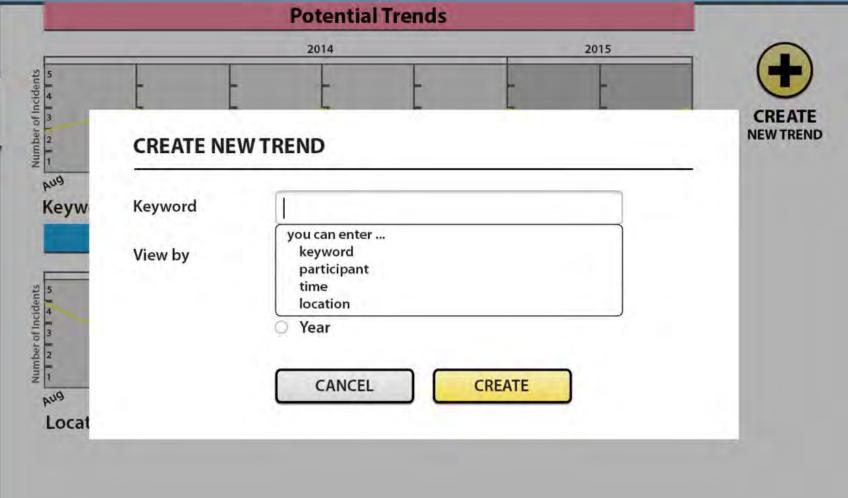
Trend





Find













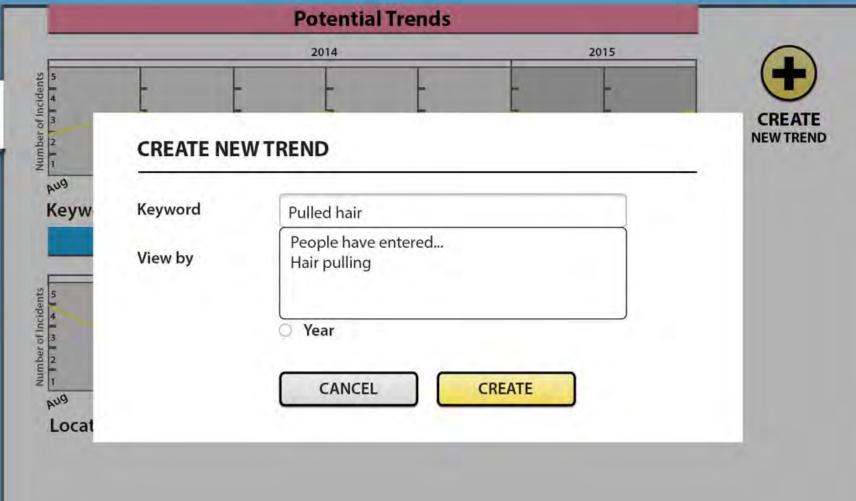
Trend





Find













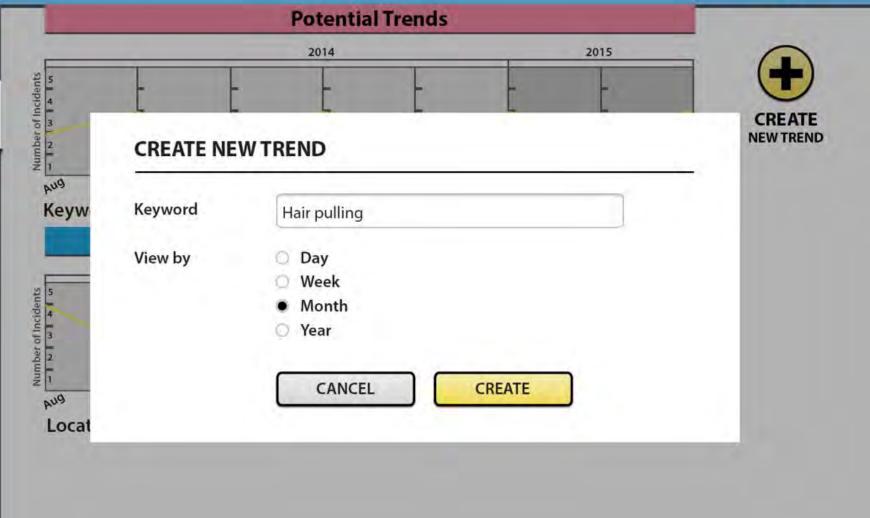
Trend





Find













Trend

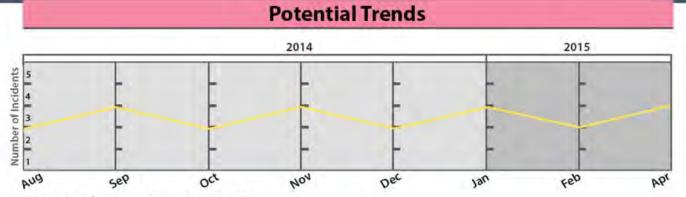


Monitor Policies



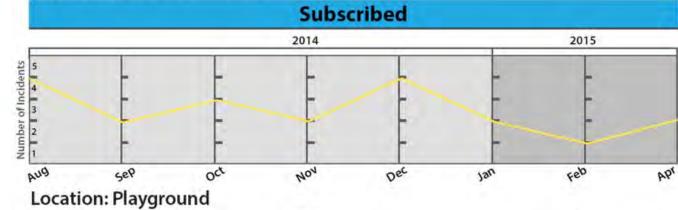
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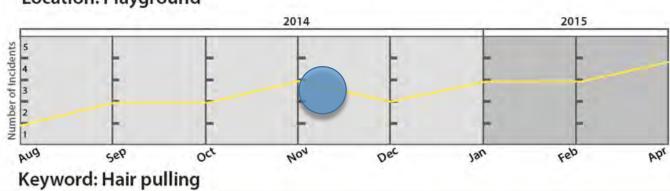




















Trend

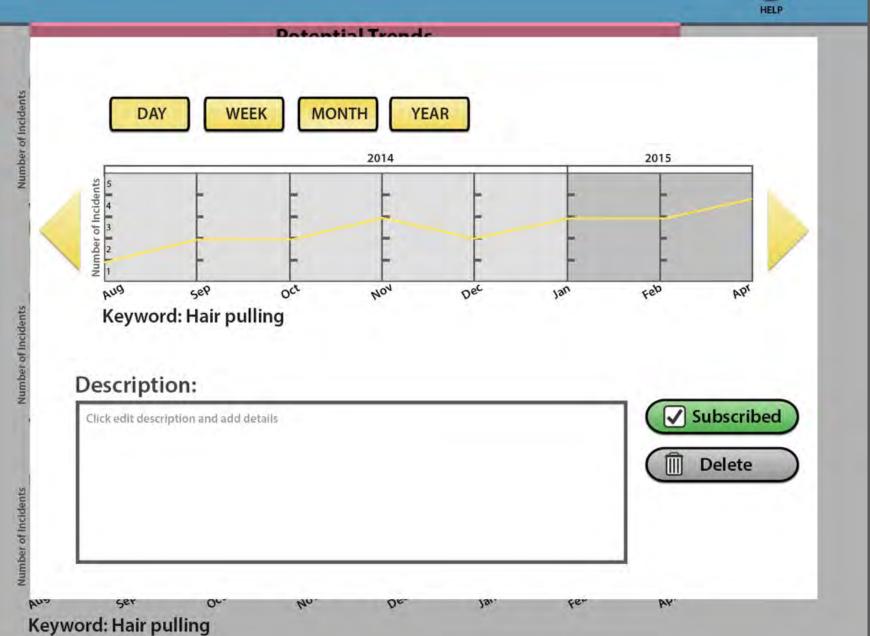


Monitor Policies



Find





Task 2









Trend



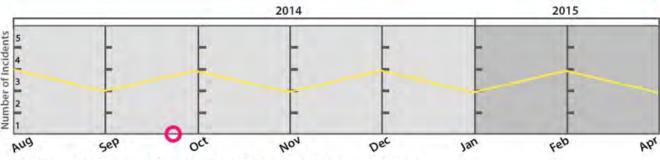


Find



Settings

Monitor Policies





Policy: Daily gratitude, Tracking by: Name calling





CREATE NEW POLICY

TO MONITOR



Enter Incident



Trend

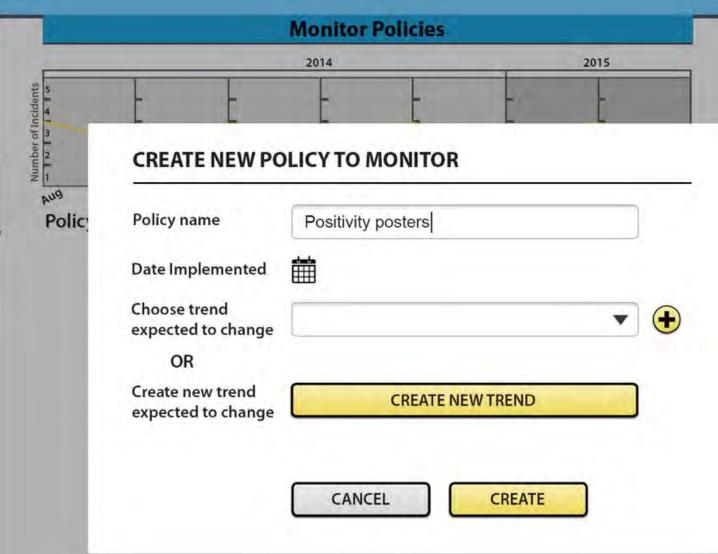


Monitor Policies



Find









CREATE NEW POLICY

TO MONITOR



Enter Incident



Trend

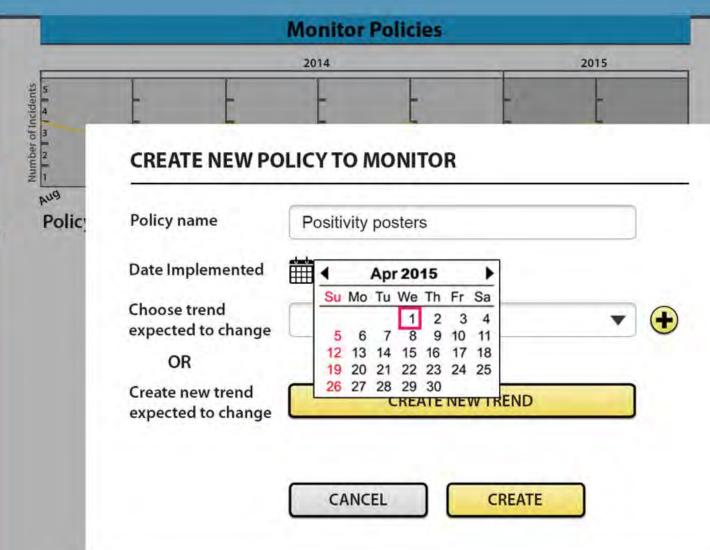


Monitor Policies



Find





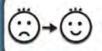








Trend



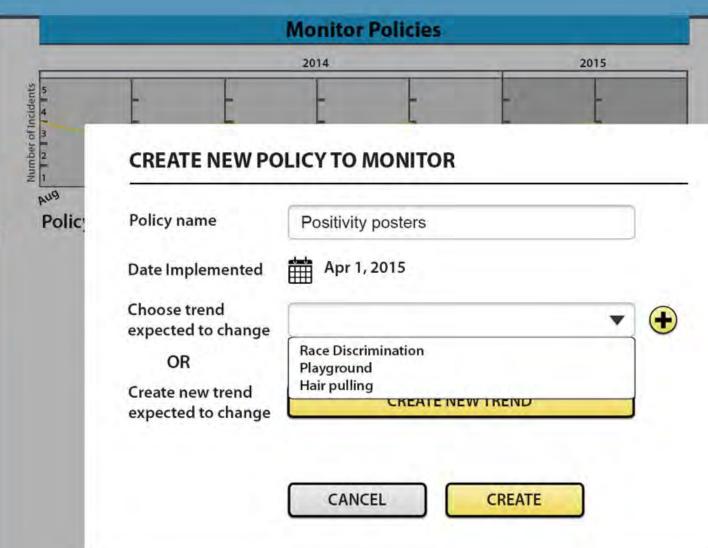
Monitor Policies



Find



Settings





CREATE NEW POLICY TO MONITOR





CREATE NEW POLICY

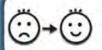
TO MONITOR



Enter Incident



Trend

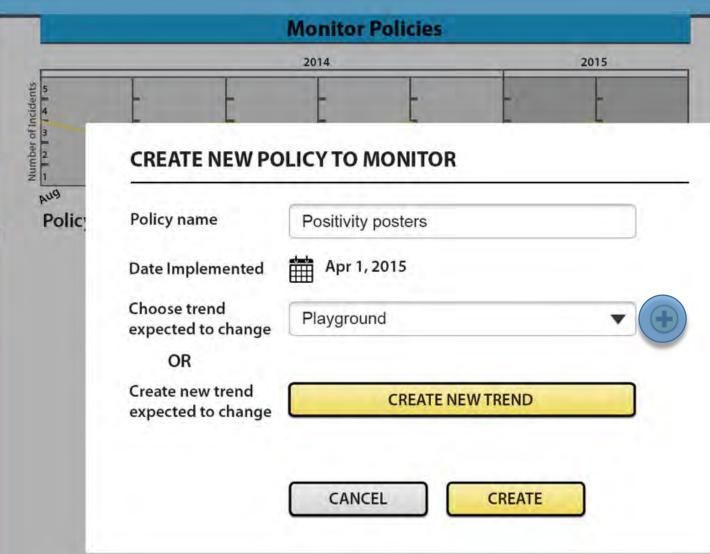


Monitor Policies



Find









CREATE NEW POLICY

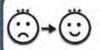
TO MONITOR



Enter Incident



Trend

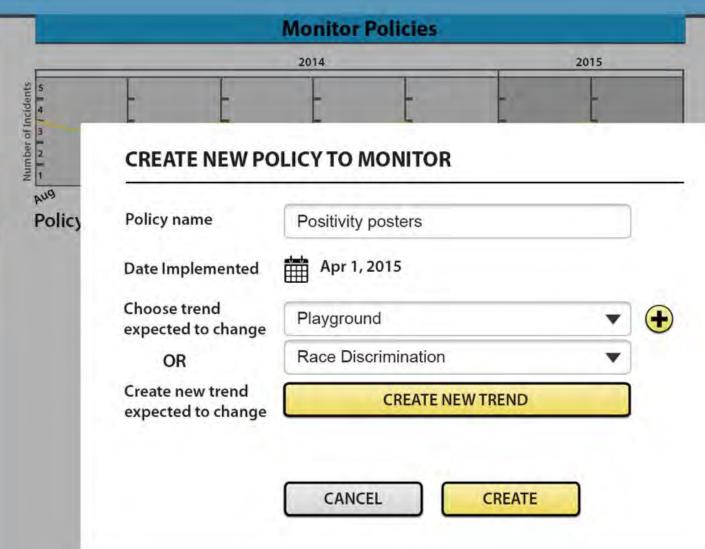


Monitor Policies



Find





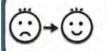








Trend



Monitor Policies

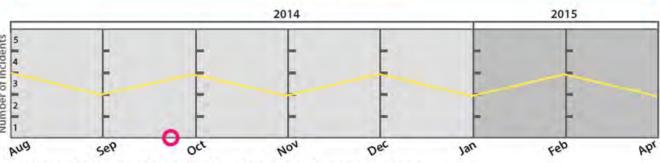


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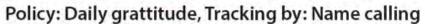


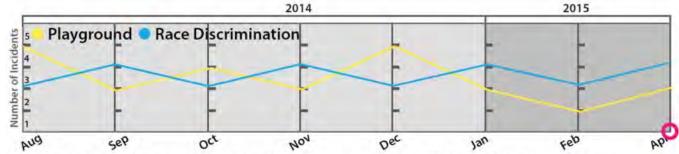
Settings

Monitor Policies



CREATE NEW POLICY TO MONITOR





Policy: Positivity posters, Tracking by: Playground, Race Discrimination

Reflections

Reflections

Lessons Learned

1. Design process: rewarding but challenging

2. Usability is related to, but is not aesthetics

