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Web Development
Storyboarding

Project Manager
User Researcher
Designer

Writer
Storyboarding

Bullying and project motivation

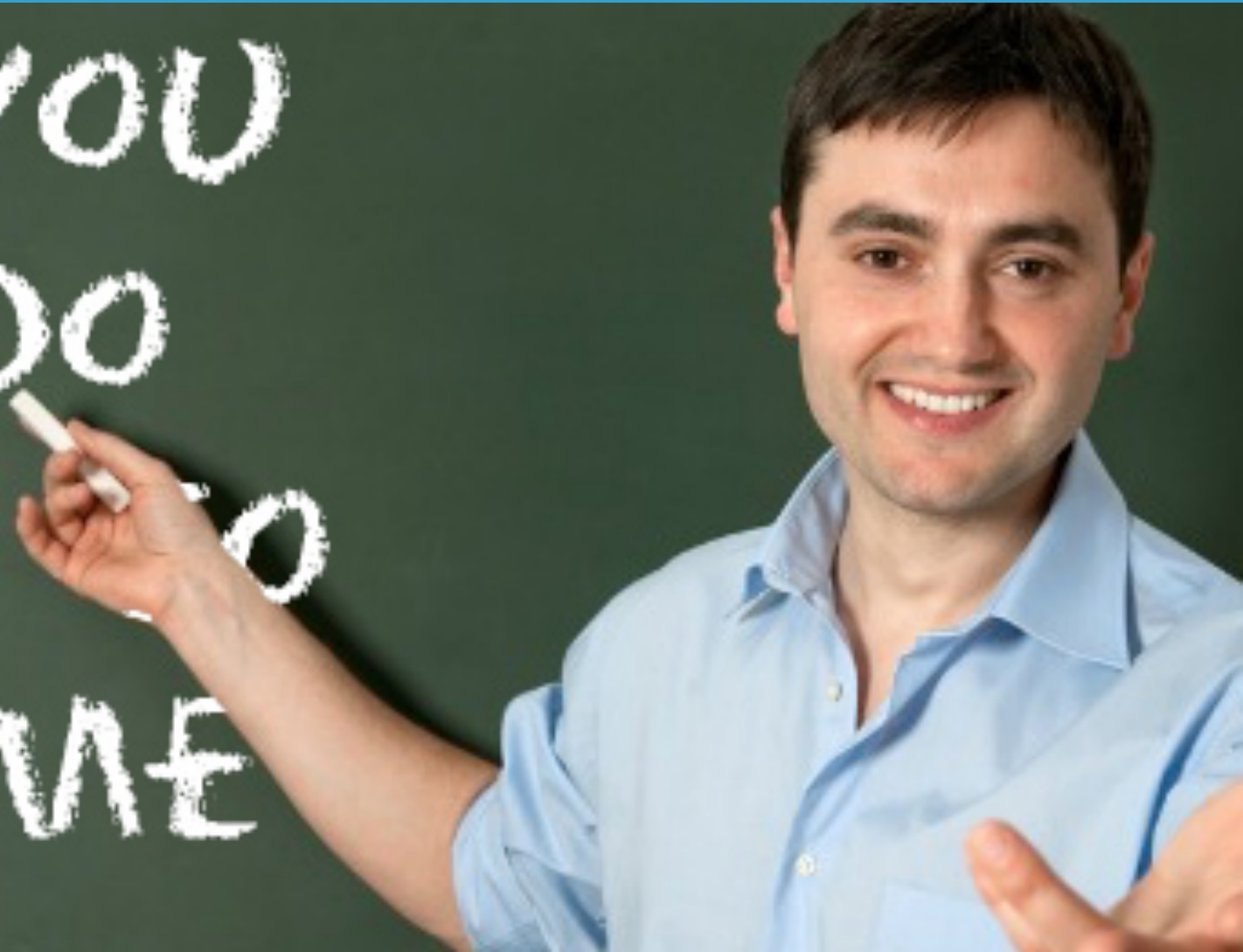
- 30% of U.S. students have experienced bullying¹
- 70-85% are affected at some time by bullying¹
- Effects lasting into adulthood¹
- Most prevalent in middle school²

¹http://www.mhsoac.ca.gov/MHSoAC_Publications/docs/Publications/Bullying_AnUrgentPublicHealthIssue_052413.pdf

²Bullying researcher

Contextual Inquiries: Experience

WHO ARE YOU
AND WHY DO
YOU WANT TO
TALK TO ME



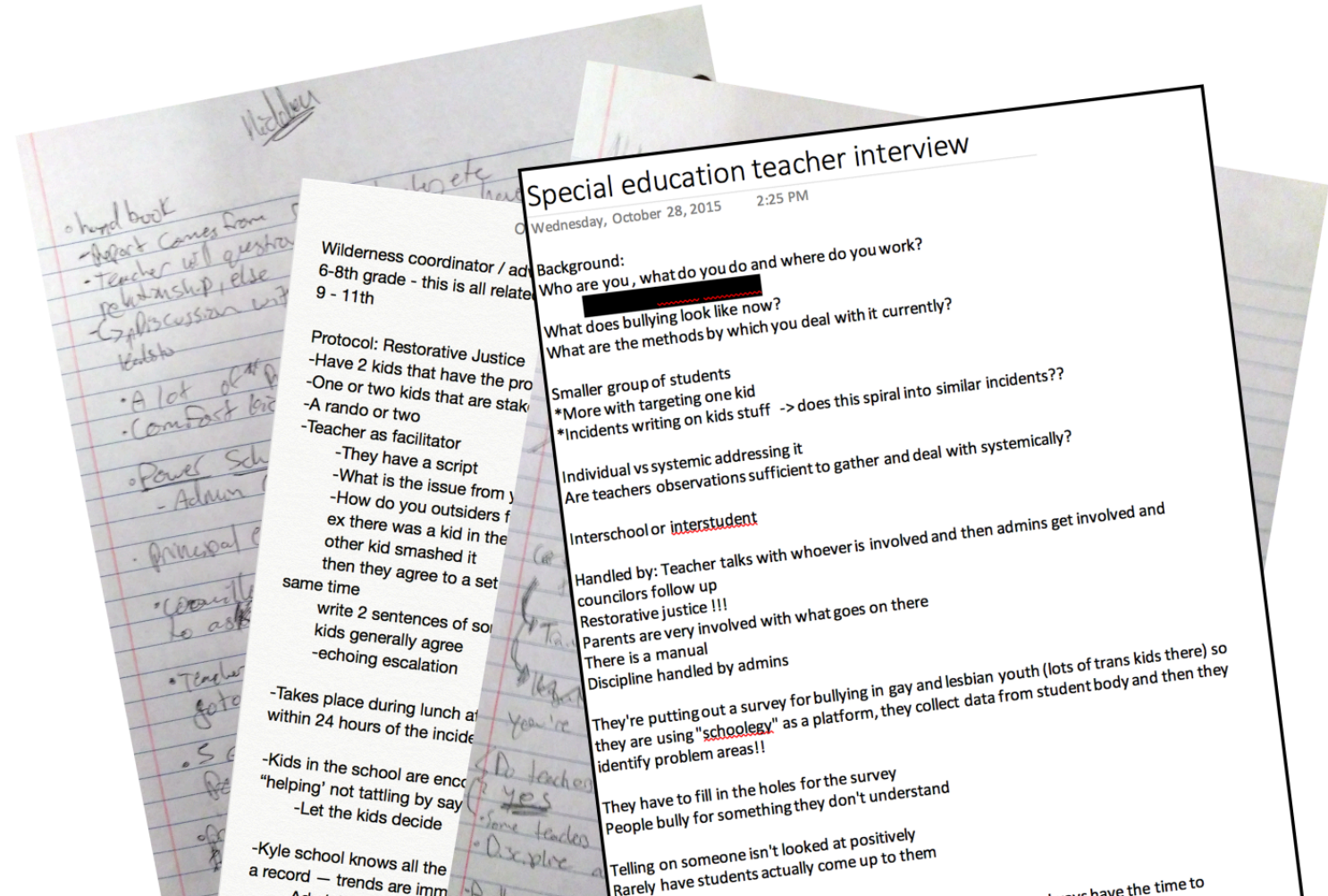
Contextual Inquiries: Experience

- Challenges:
 - Lack of connections
 - Fast moving project



Contextual Inquiries: Experience

- 6 Total
 - 3 teachers
 - 1 principal
 - 1 student
 - 1 researcher



Contextual Inquiries: Themes

- Teachers are busy
- Inter-teacher discussion
- Don't escalate issues, be prompt
- Social pressure and sensitivity
- Disciplinary record keeping
- Informal success tracking

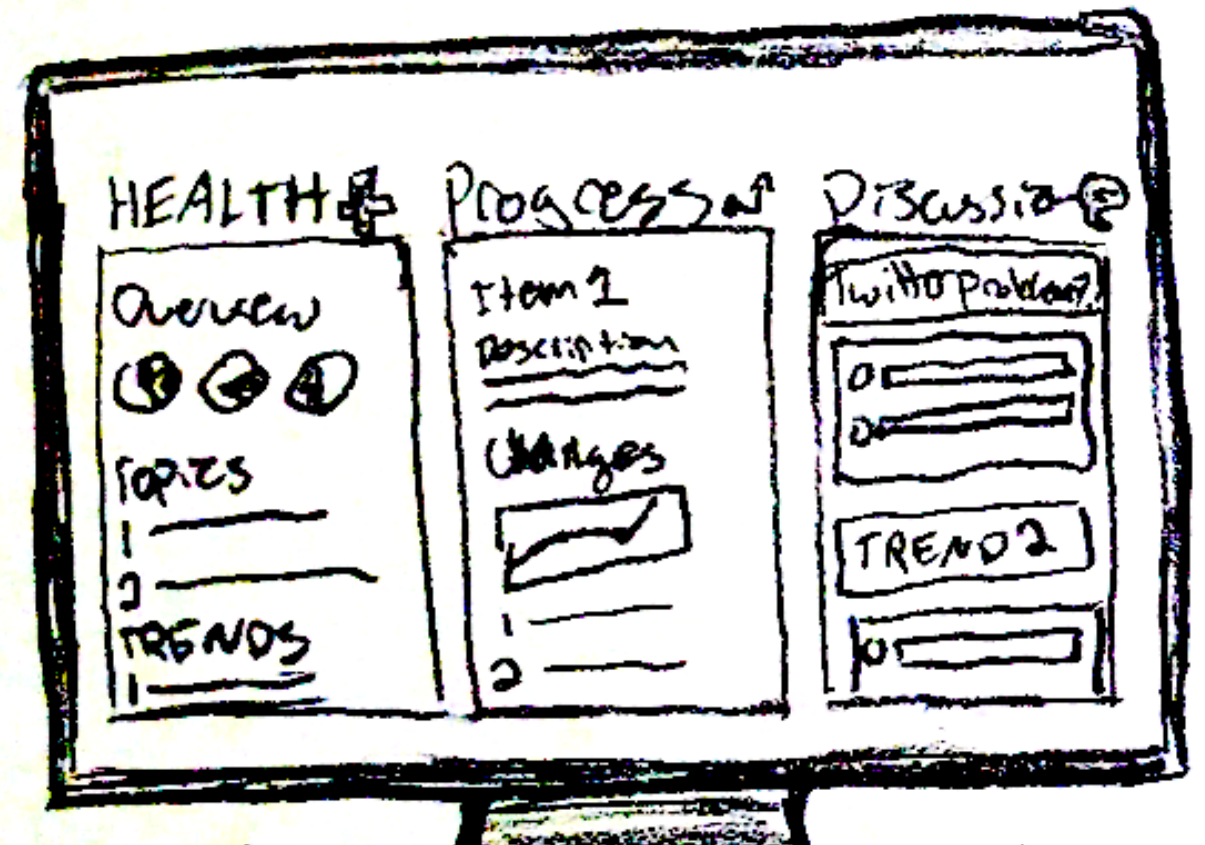


Tasks

- **Communicating** between teachers and administration
- **Reporting** instances of aggression or bullying
- **Managing** bullying data
- **Tracking** success of new changes in curriculum
- **Creating** and evaluating a community health overview ✓
- **Identifying** problems and trends ✓

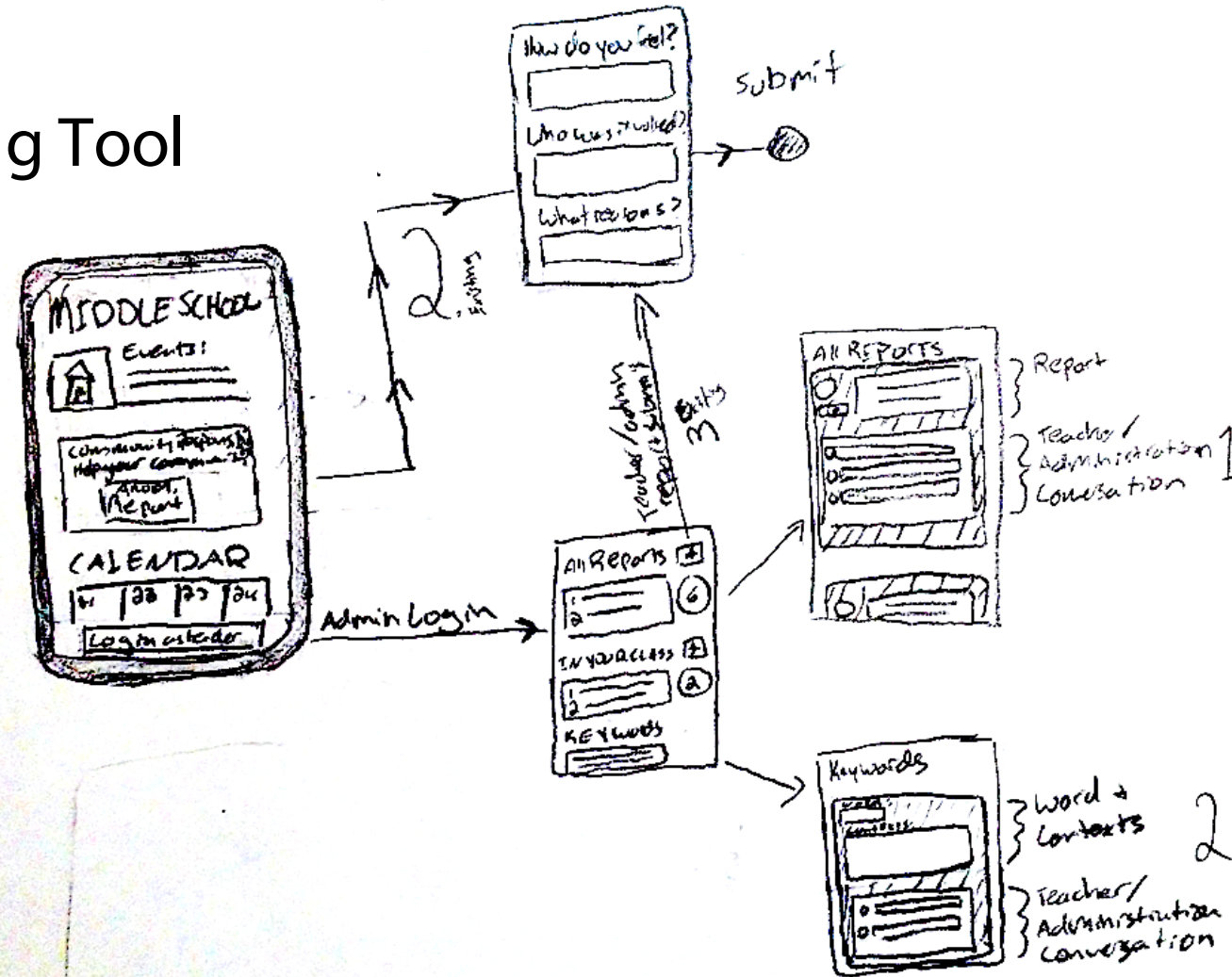
Proposed Design Sketches #1

- Web Application using social media data
 - Automatic data collection
 - Cyber bullying
 - Discussion



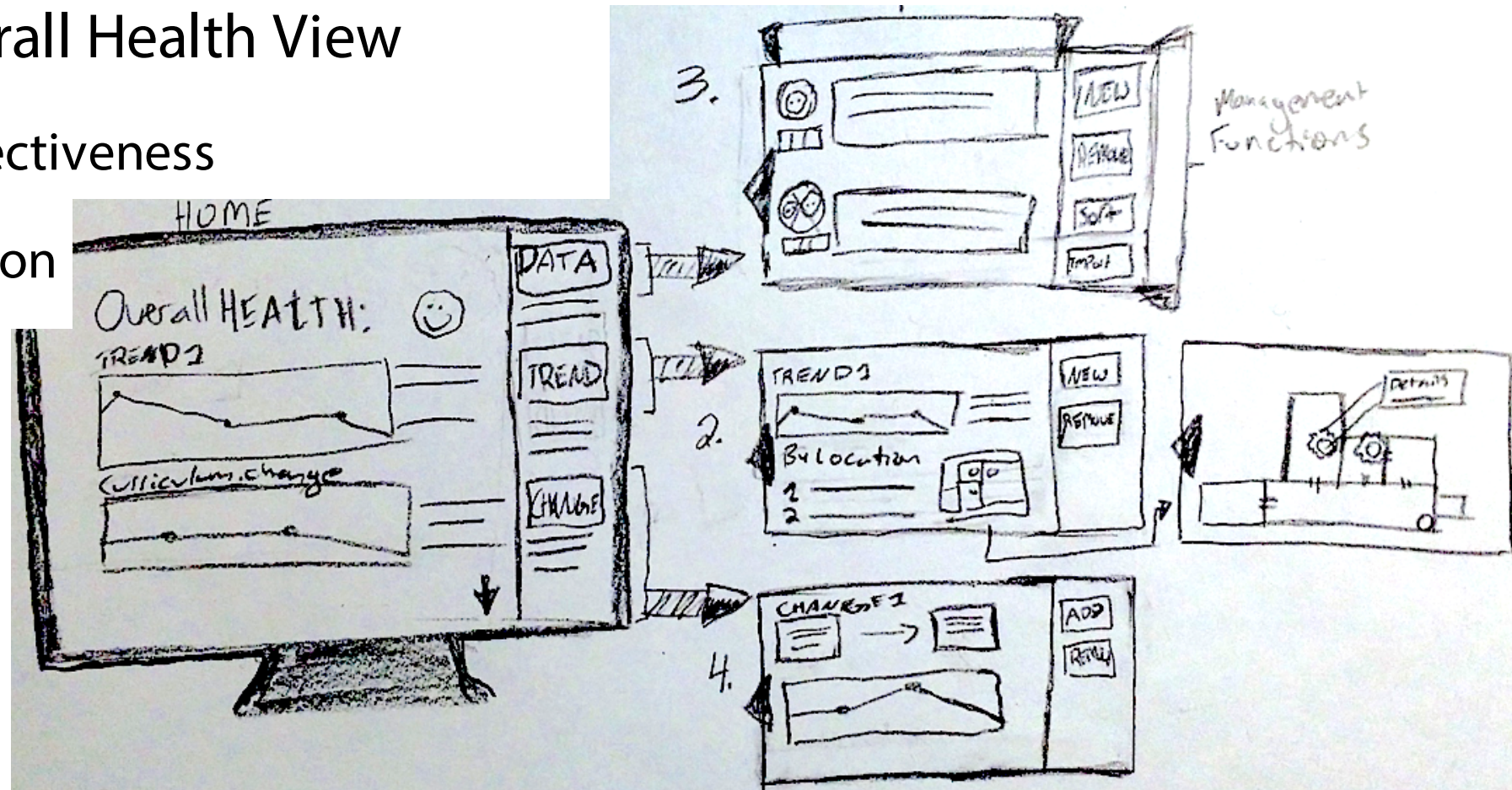
Proposed Design Sketches #2

- School Website Plug-In Reporting Tool
 - Anonymous report
 - Event-based record



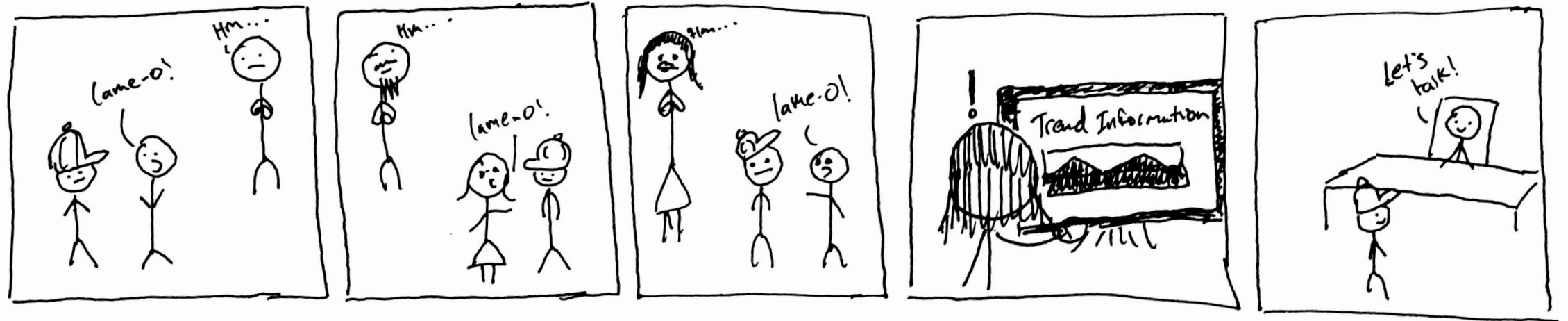
Proposed Design Sketches #3

- Web-Based Overall Health View
 - New policy effectiveness
 - Map visualization



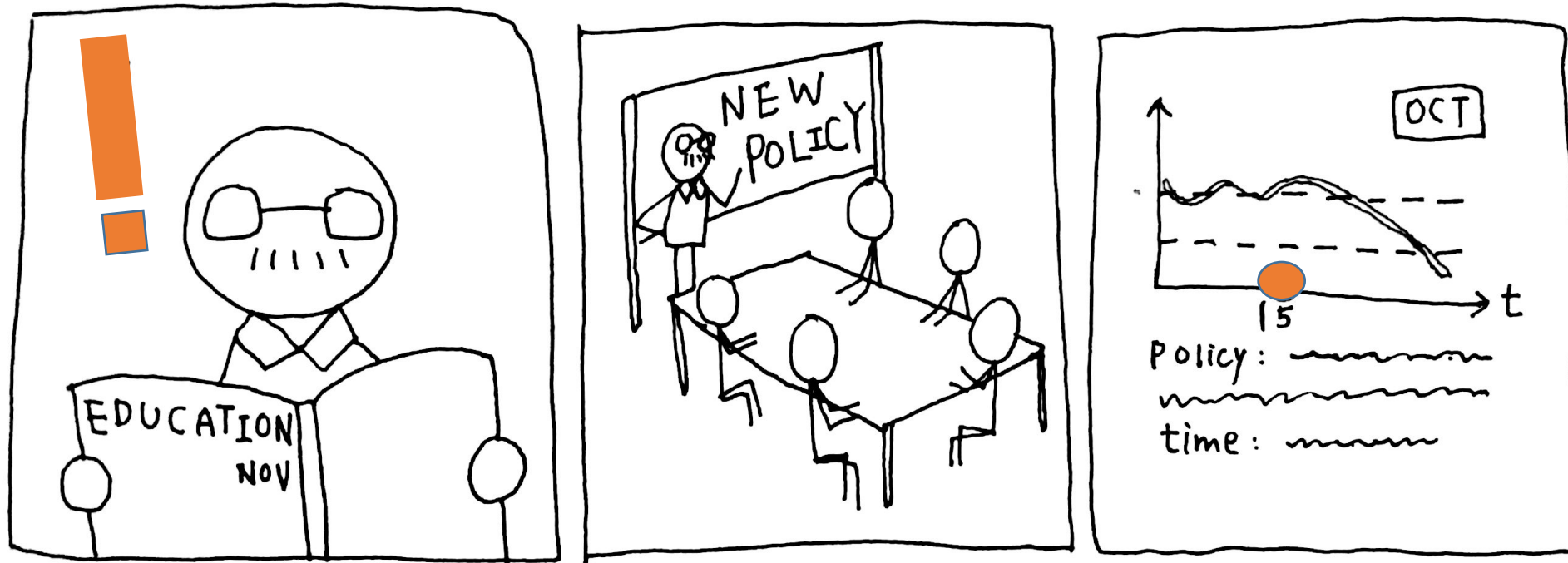
Selected task & storyboard #1

- Task: Establishing and monitoring trends in bullying behavior



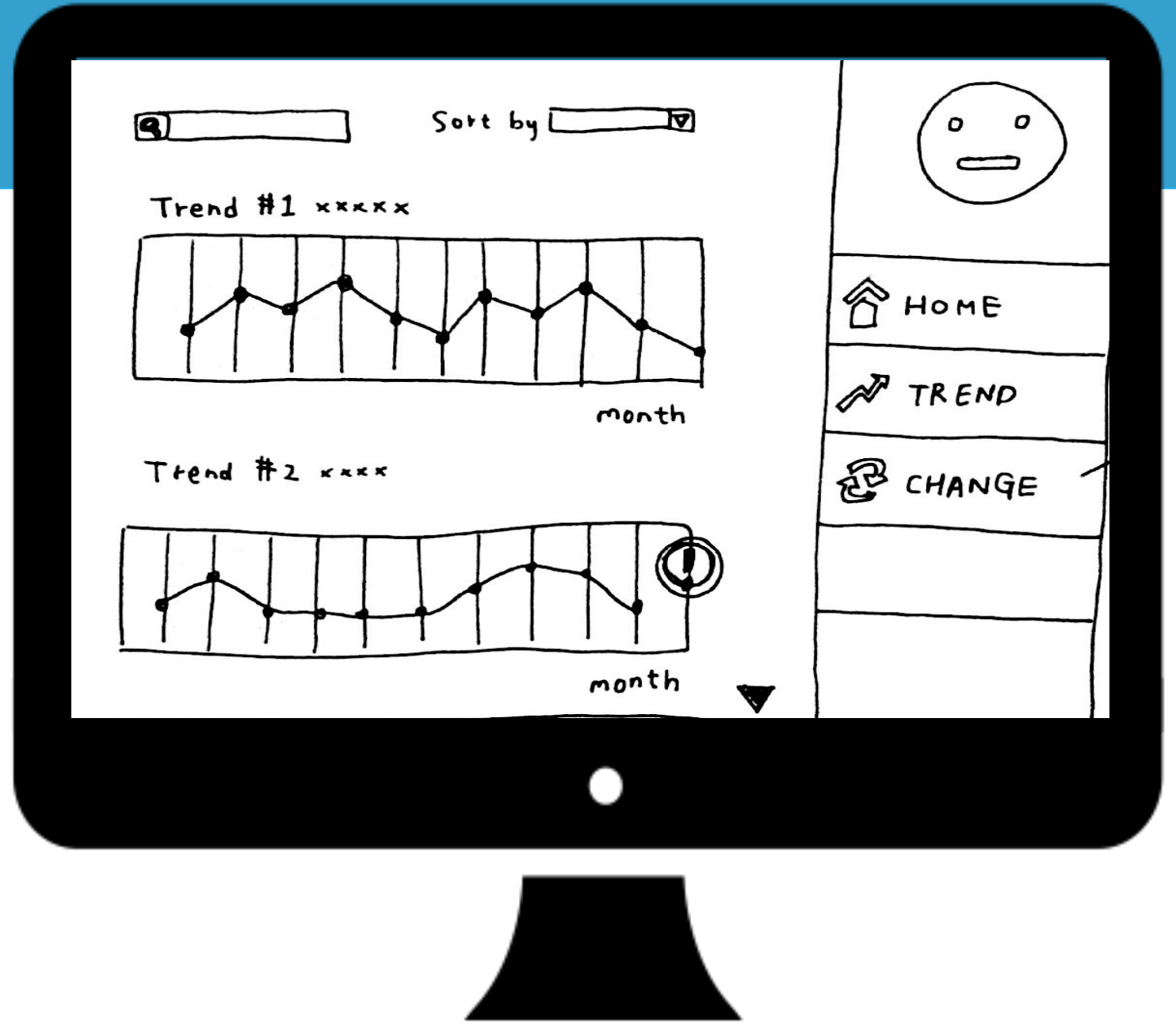
Selected task & storyboard #2

- Task: Tracking the success of newly implemented changes in the school



Summary

- Evaluate overview
- Identify problems



Thank You

