HI-FI PROTOTYPE

Midway Milestone

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math Outside the Box

Children's math challenges grounded in real world applications.

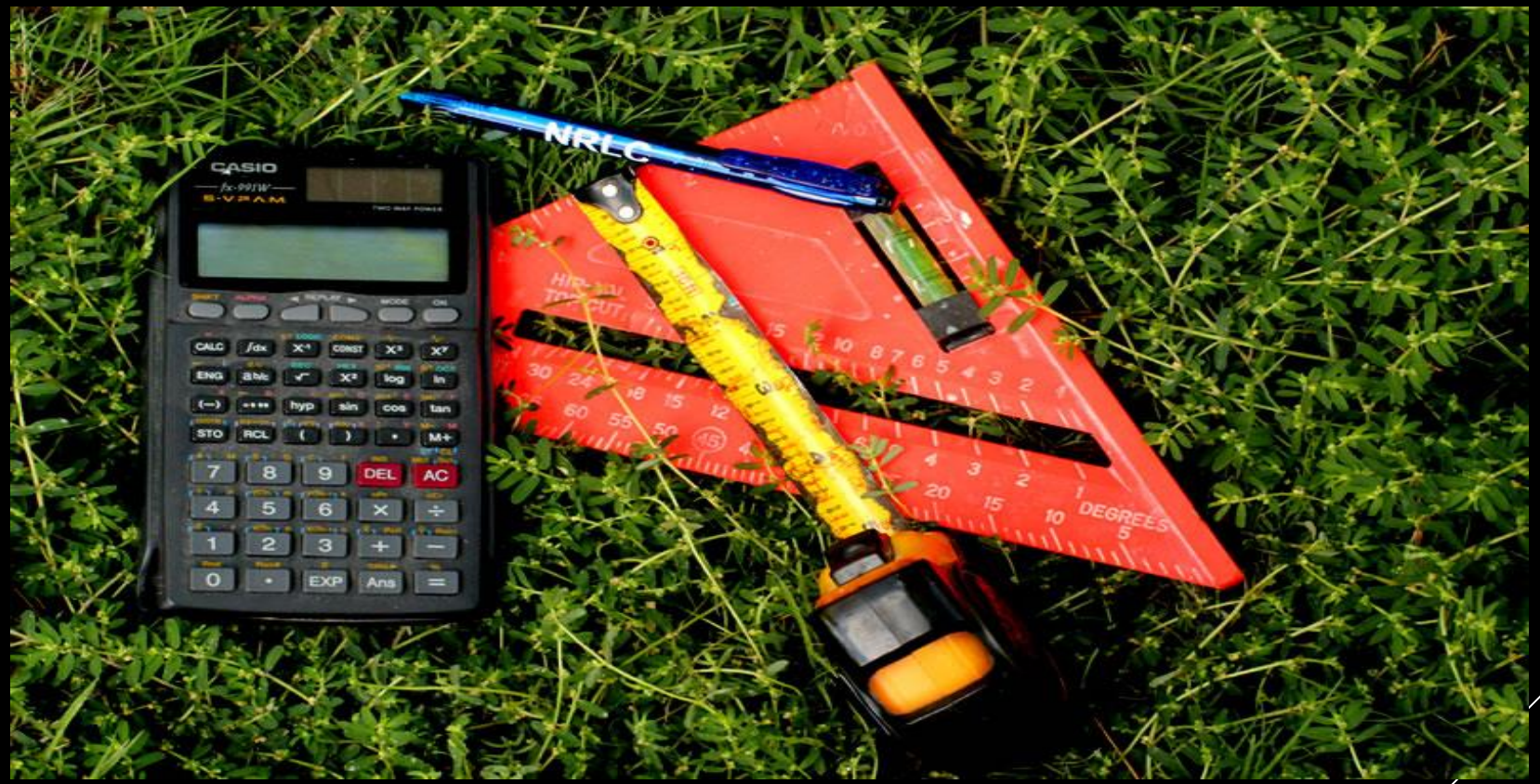
See math differently-

See the world differently!

Problem

$$y = \frac{I\ just\ don't\ care}{x + 1}$$

Solution



Overview

- Heuristic Evaluation Results
- Revised Design
- Where We Are Now
- Demo

Heuristic Evaluation Results

Severity 5

[H2-10] Parent Mode statistics were ambiguous and hard to navigate

Severity 4

- [H2-8] No discernible color scheme. Existing distribution causes confusion, specifically for the buttons.
- [H2-2] Too much text for a kid to read.
- [H2-3] Not enough backwards navigation

Heuristic Evaluation Results

Severity 3

- [H2-1] Parents and children could get their user profiles mixed up if they share a device
- [H2-7] The challenge list is cluttered and confusing.
- [H2-8] Leaderboard displays irrelevant information

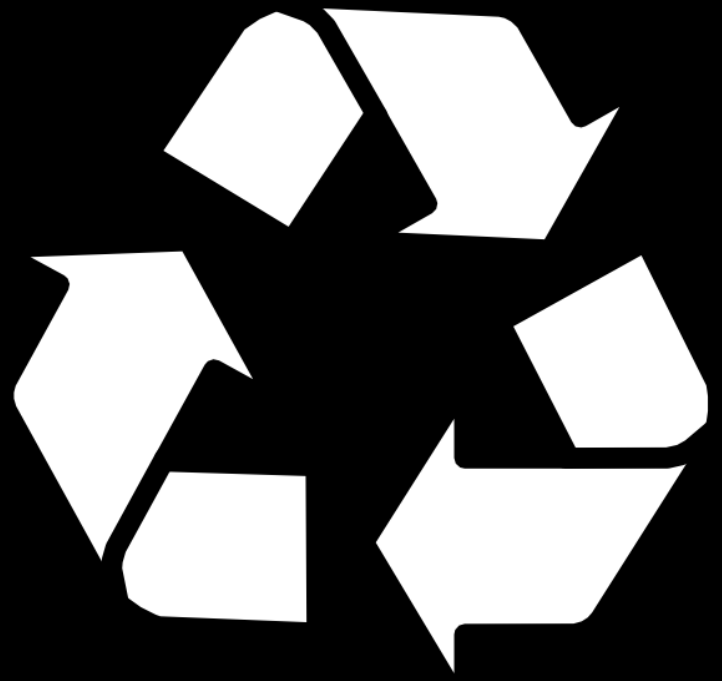
Severity 2

- Button design is distracting and inconsistent

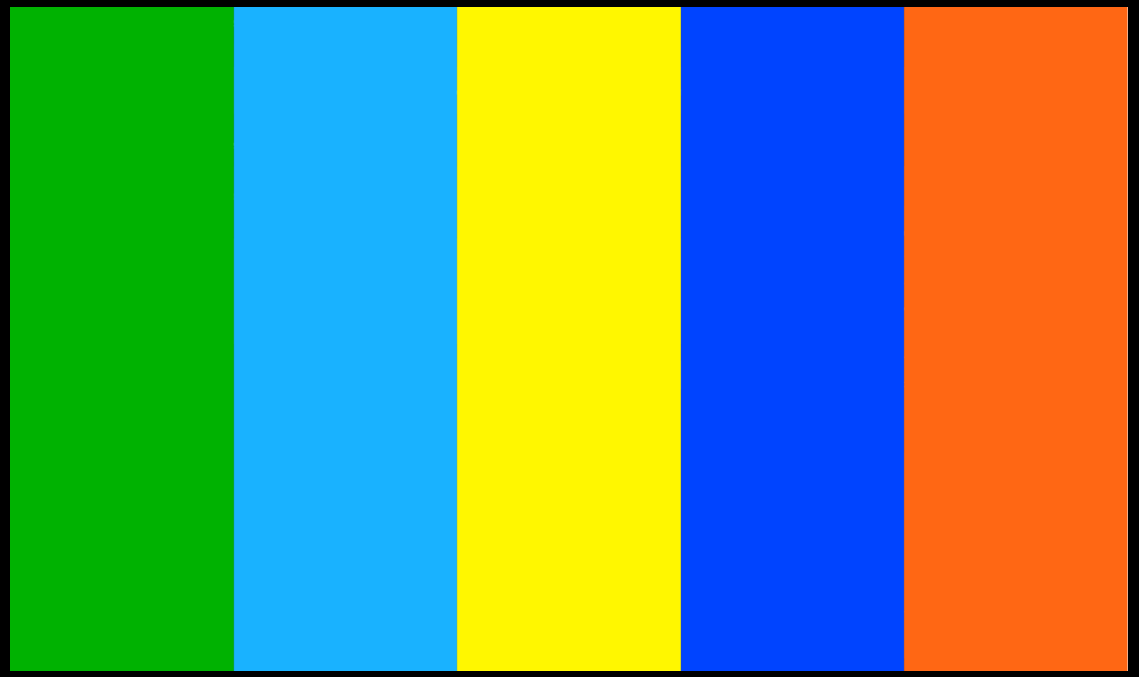
Revised Design

Recycled:

- Leaderboard
- Social Media Aspect
- Parent vs Child Mode
- Instructional depth



Revised Design



START

Heuristic Evaluation Results

Where we are now

Tools

IDE: IntelliJ

Platform: Harp

Code: less, coffeescript, html5

Where we are now

Implemented Features:
- Feedback

Features to be Implemented:
- Challenges
- Friend Lookup

Hardcoded Data:
- Challenges
- *Your Profile* data

Wizard of Oz:
- Search for people
- Database of users
- *Your Profile* page

Demo