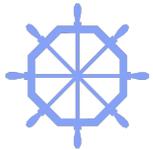
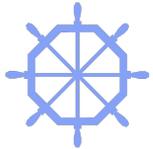


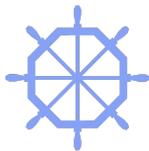
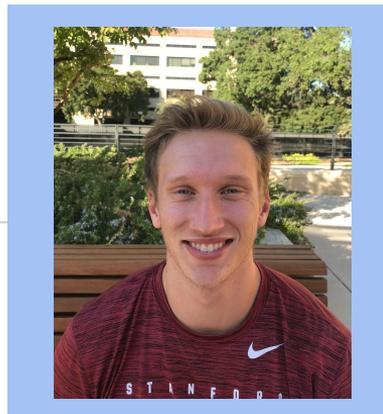
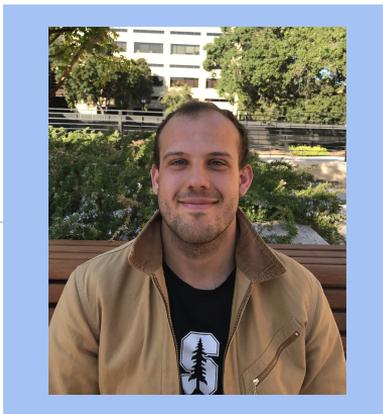
Interactive High-Fi Prototype



Hello!

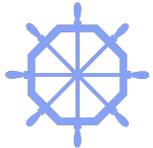
We are **HELM**





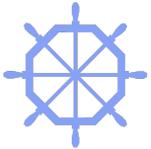
Value Proposition

Crowdsourced Lesson Planning and
Organization



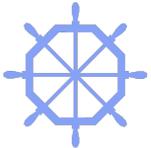
Problem

Successful lesson planning can be an **arduous** and **time consuming** task.



Solution

Create an online community for teachers who want to **share**, **discover**, and **manage** lesson plans.



Roadmap

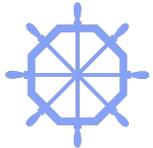
Heuristic Evaluation Results

Overview of Revised Design

Prototype Implementation Status

Demonstration of Prototype

Summary



Roadmap

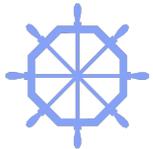
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Major Violations

9

Severity 3
Violations

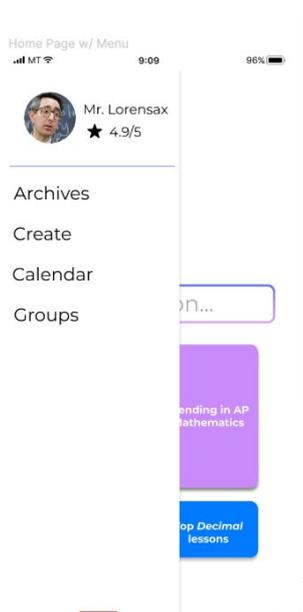
1

Severity 4
Violation



User Control and Freedom

1. Recurring issue across tasks
2. Inconsistency between hamburger, logo, and back buttons
3. Serious user frustration and confusion - requires significant time





Match Between System & Real World

1. Misleading language
2. Confusing icon usage

Archives

Create

Calendar

Groups

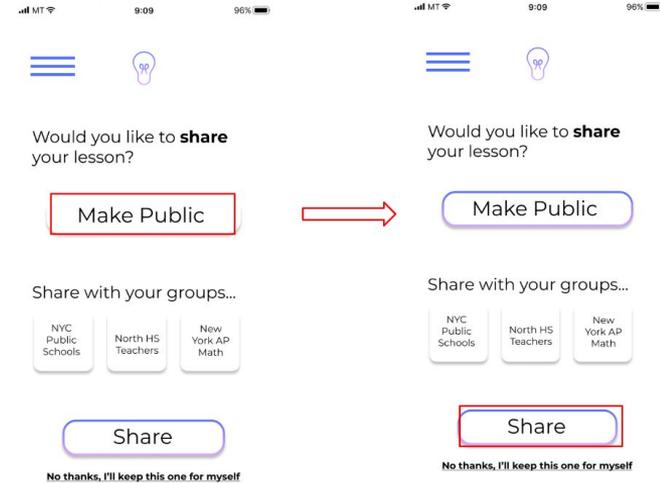
Do you have any **videos**, **songs**, or **documents** essential to this lesson?





Consistency & Standards

1. Biggest issue: buttons
2. Need to be consistent about what aesthetic change to button means for the system
3. Must be conscientious about verbiage: specificity and direction are key (“next”)



Roadmap

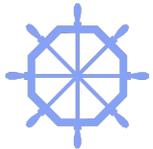
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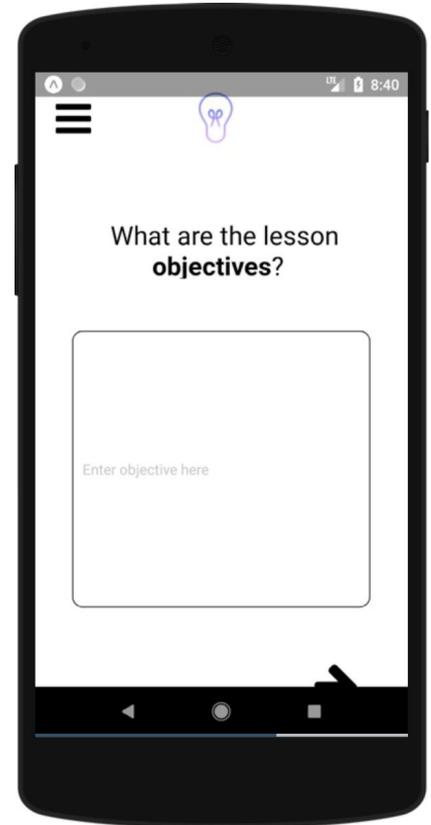
Summary





User Control Fixes

1. Light bulb on each page takes you to home page
2. Added back button to share page, naming pop-up, review
3. Swipe left or right functionality to open menu





User Control Fixes

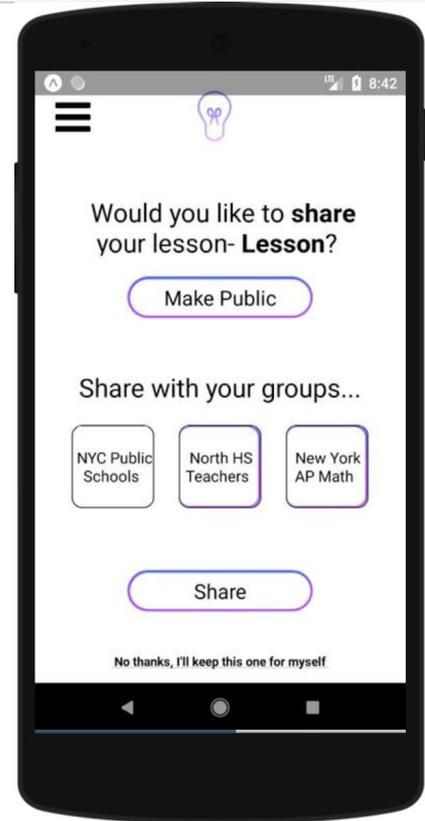
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Consistency Fixes

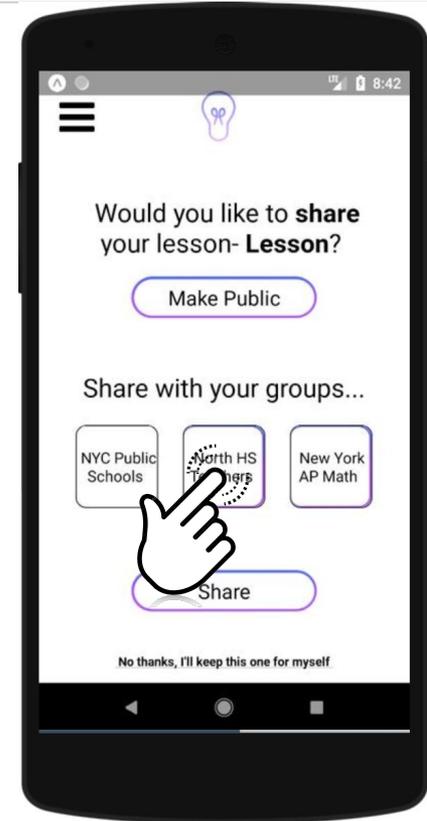
1. Groups in lesson share screen are outlined
2. Create button on review screen is outlined
3. Added login/sign-up + integrated with Firebase





Consistency Fixes

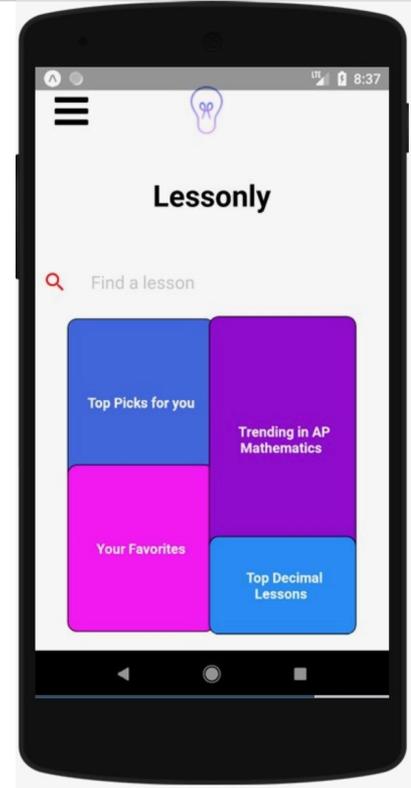
1. Groups in lesson share screen are outlined
2. Create button on review screen is outlined
3. Added login/sign-up + integrated with Firebase





Aesthetic Fixes

1. Hamburger menu adjusted to be smaller
2. Added Lessonly title to home page
3. White space balance across platform



Roadmap

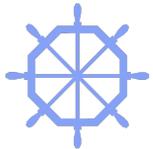
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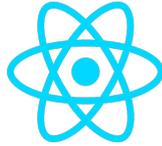
Summary





Tech Stack

React Native



Expo



Npm & node



Firebase



Github & Git



Sublime



Front-end UI/UX

Test, run locally, publish on server

Package manager

authentication, data storage

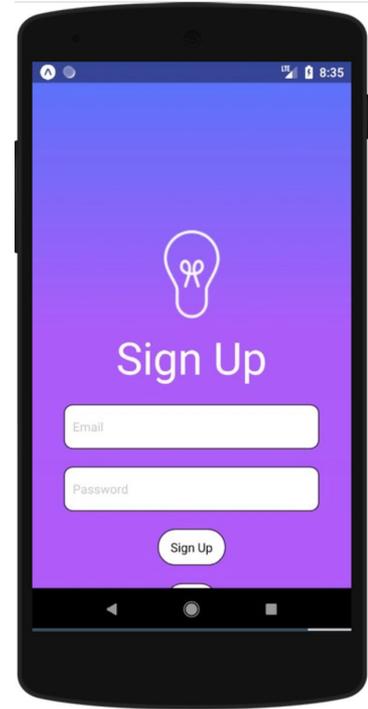
Storing and managing codebase

Text editor



Implementation Features

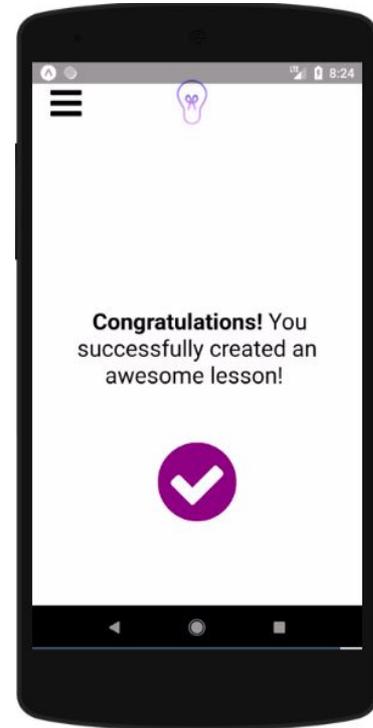
- Homepage
- Hamburger Menu
- User Network
- Task 1: Create and Share Lesson





Unimplemented Features & Plan

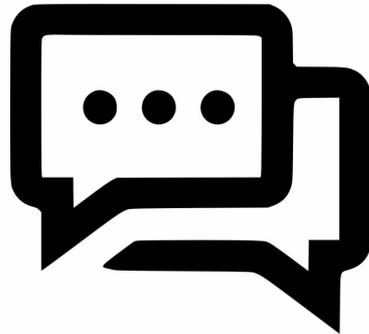
- Complex database functionality
- Continued aesthetic detail
- Task 2: Share a Lesson
- Task 3: Provide Feedback





Wizard of Oz Techniques

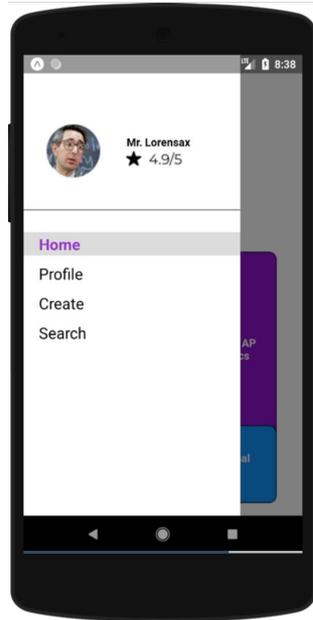
1. Working with the user to ensure lesson plan quality/creativity
2. Real-time, in-lesson cues



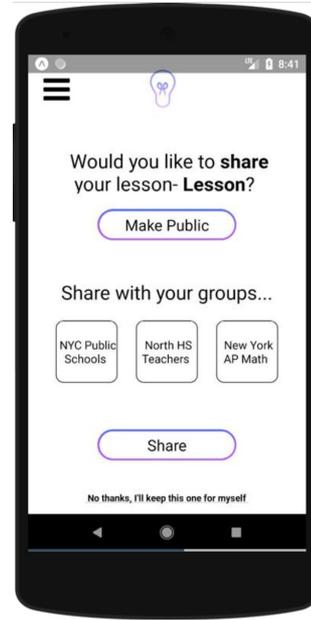


Hard Coded Data

User Profile & Rating



Groups





Issues/Questions

- Navigation - designing how to structure the files in code to pass information effectively
- Uploading images to firebase
- Background gradient & color scheme



DEMO

Roadmap

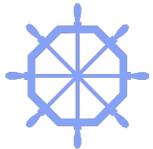
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Summary

Corrected user confusion due to **user control**, **inconsistencies**, and **mismatches with real world**

Building app with **React Native** and **Firebase**

Complete: **Task 1**, User Database, Basic Layout

To Complete: **Task 2**, **Task 3**, Complex Functionality



Questions?