

If a child can't **learn**
the way *we* teach,
maybe we should
teach the way *they*
learn.

- Ignacio Estrada



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Project Perfect

Team EduConnect

Presenter: Priyanka Rao

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Problem

Teachers and students find it time-consuming and difficult to successfully create and complete class projects.

Solution

A tablet app that streamlines class projects from teacher creation to student submission



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Value Proposition

Painless class projects





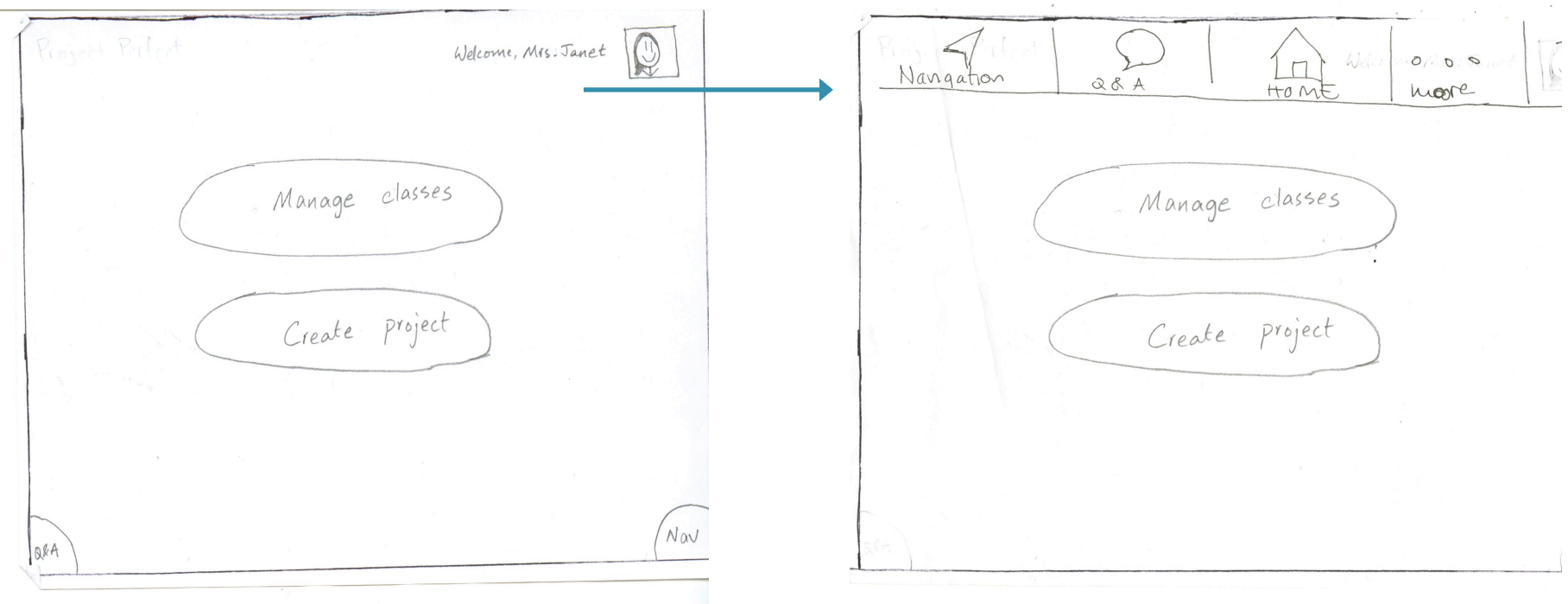
Tasks



1. **Complex:** Teacher creates and assigns a class project with background info, a list of supplies, and instructions for students to follow.
2. **Medium:** Student works through project step-by-step and asks questions to teacher as needed.
3. **Simple:** Student submits completed class project to teacher for review.

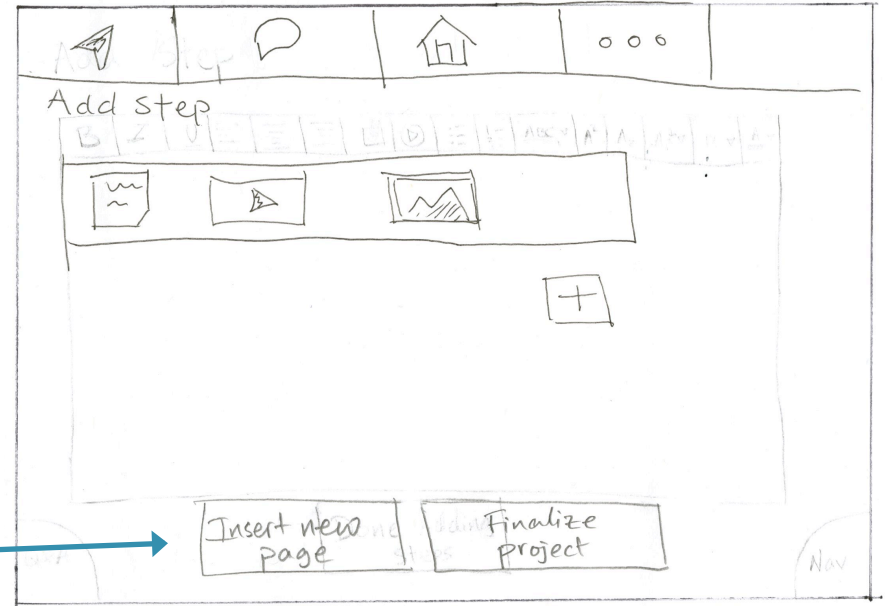
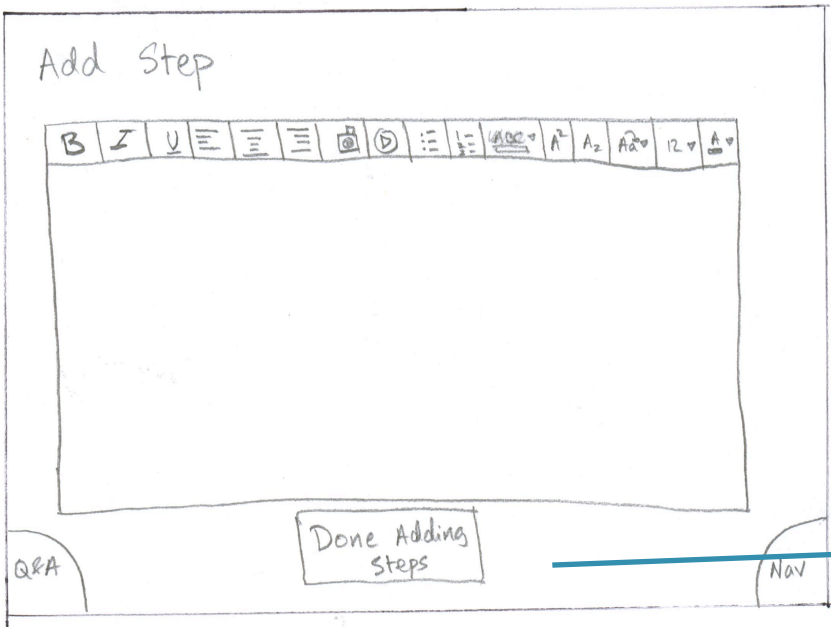
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Design Change #1 – Navigation Bar



Relocated Q/A & Nav Buttons

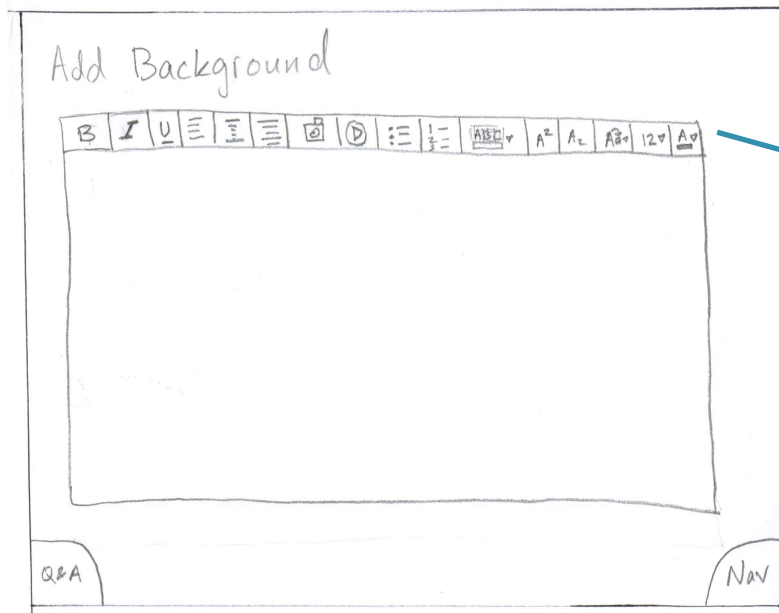
+ Design Change #2 – Creation of New Pages



Swiping vs. Tapping

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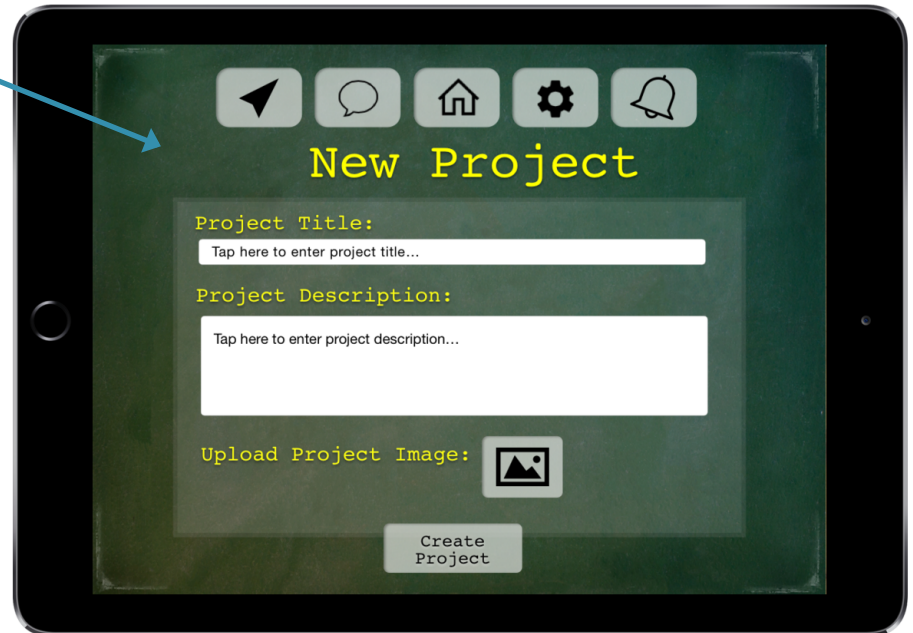
Design Change #3 – Text Editing



Customization vs. Ease

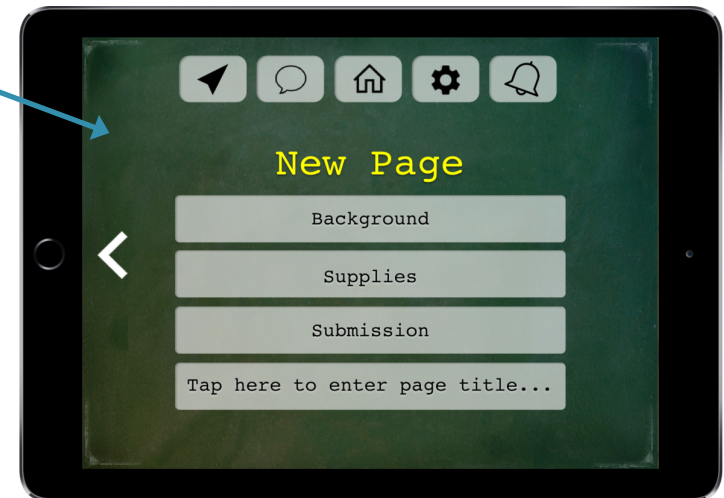


Task Flow #1 – Creating a Project





Task Flow #1 – Creating a Project



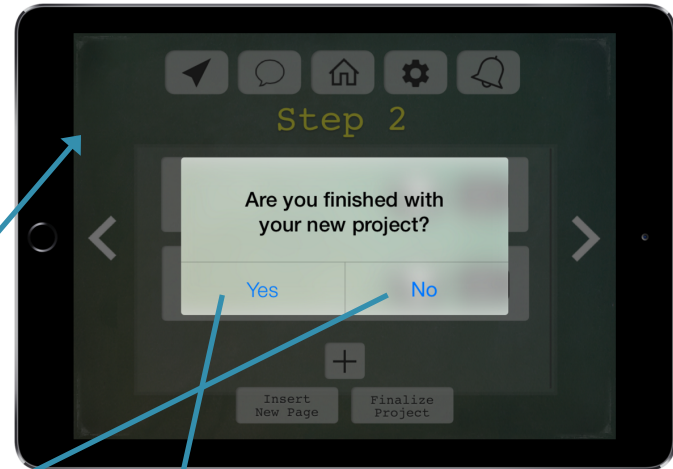
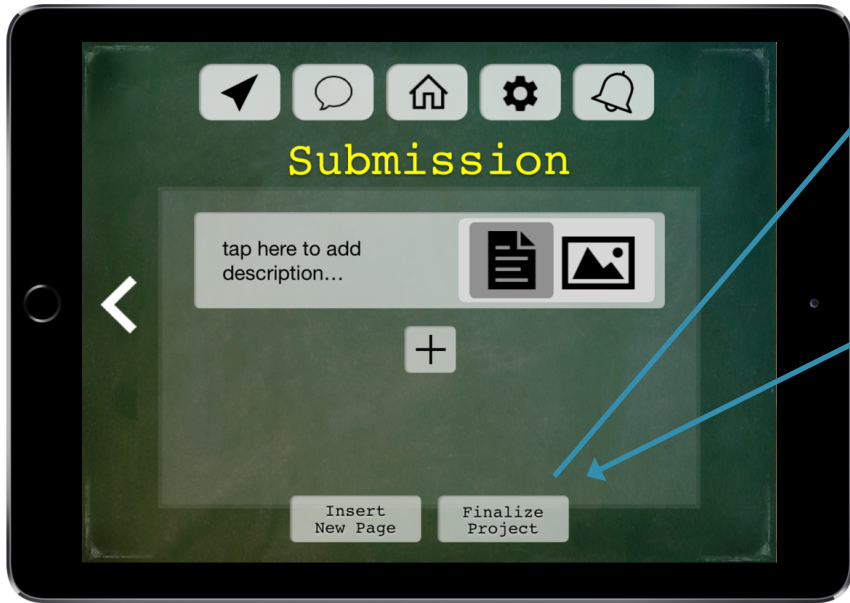


Task Flow #1 – Creating a Project



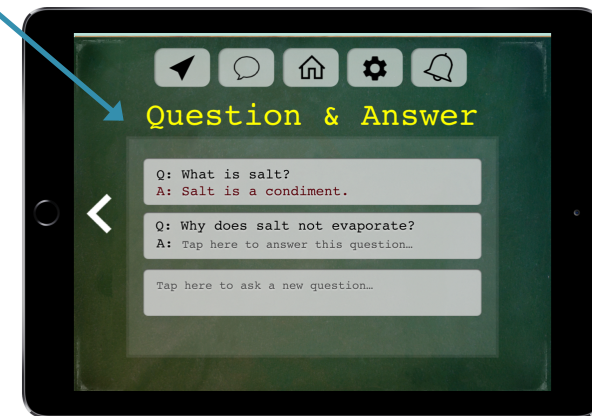
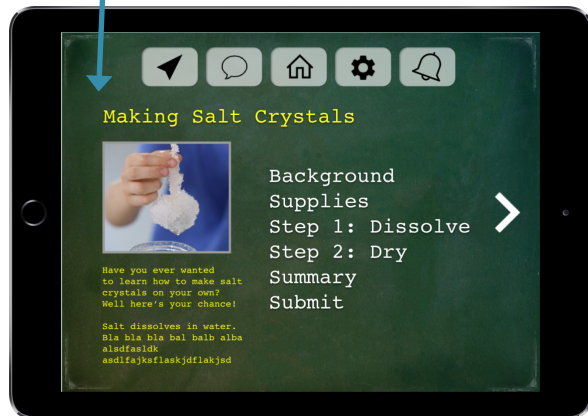
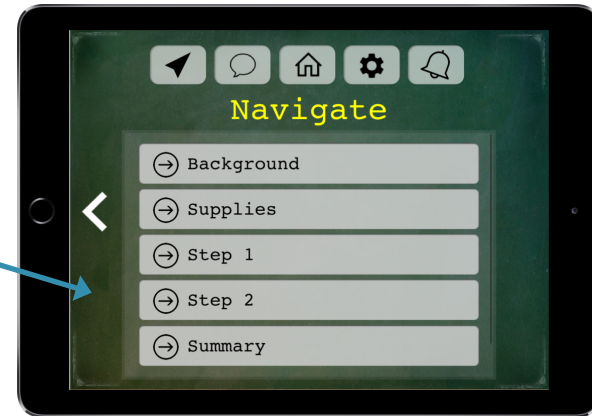
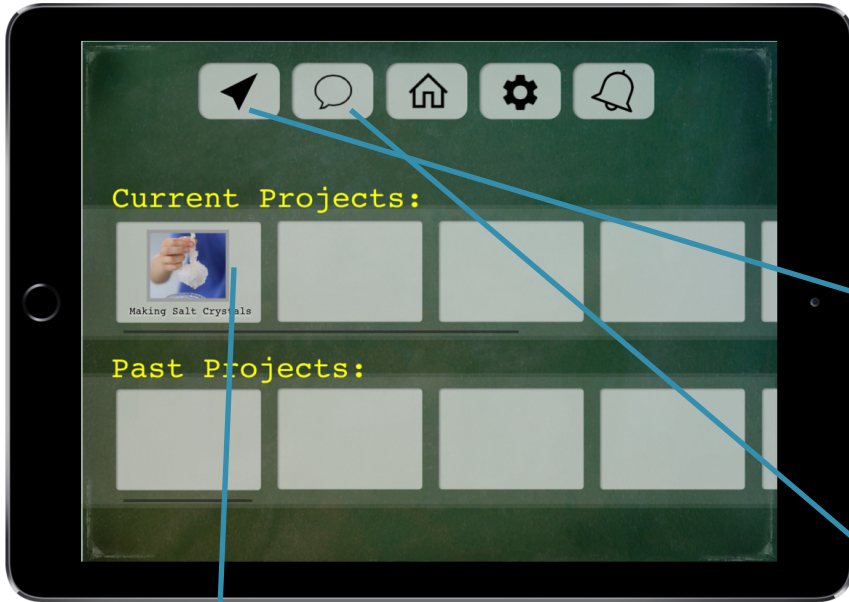


Task Flow #1 – Creating a Project



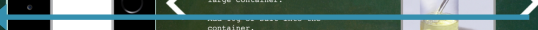
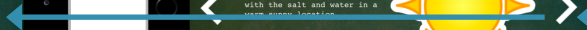
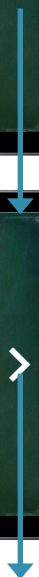
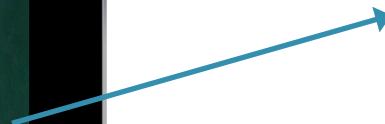
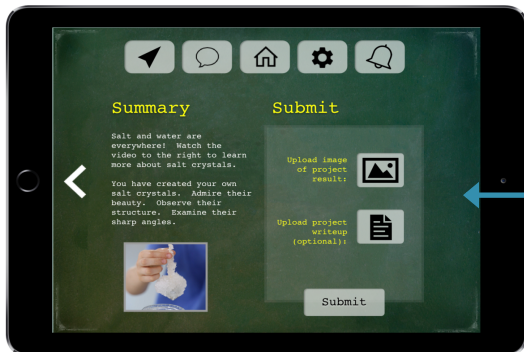
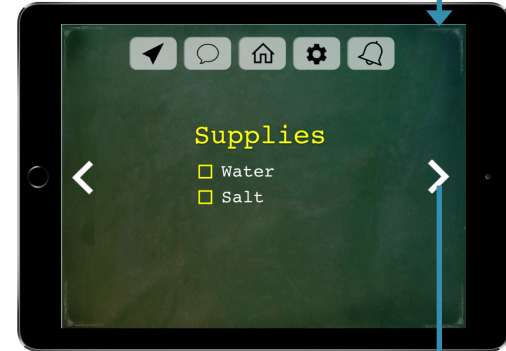
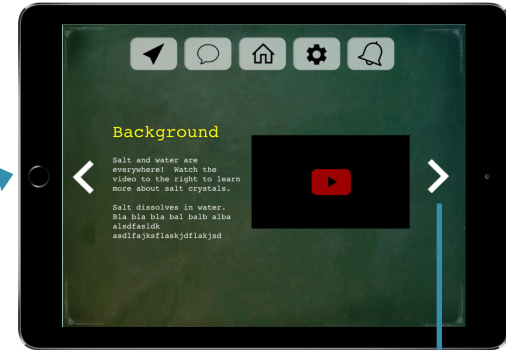


Task Flow #2 – Doing a Project

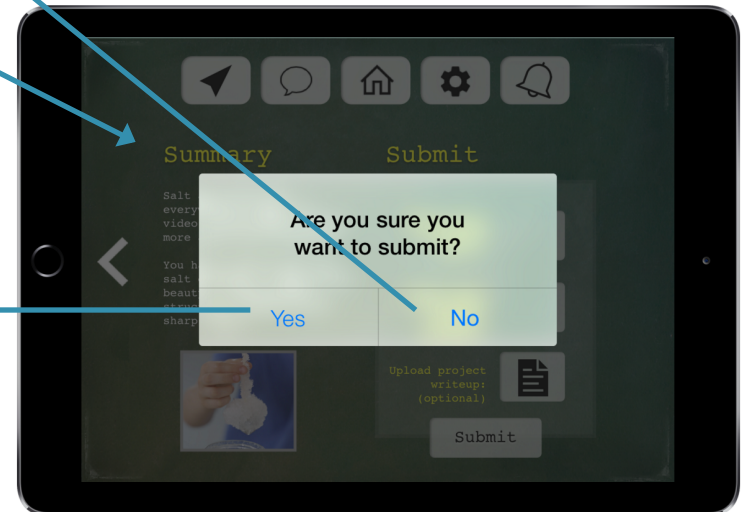
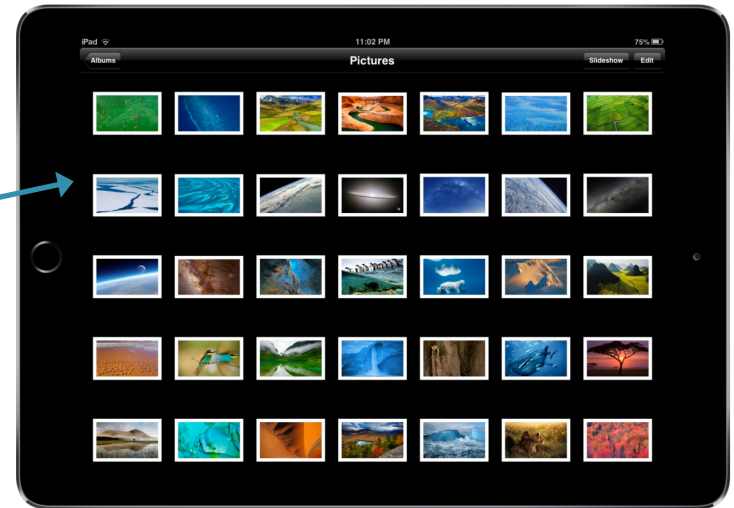
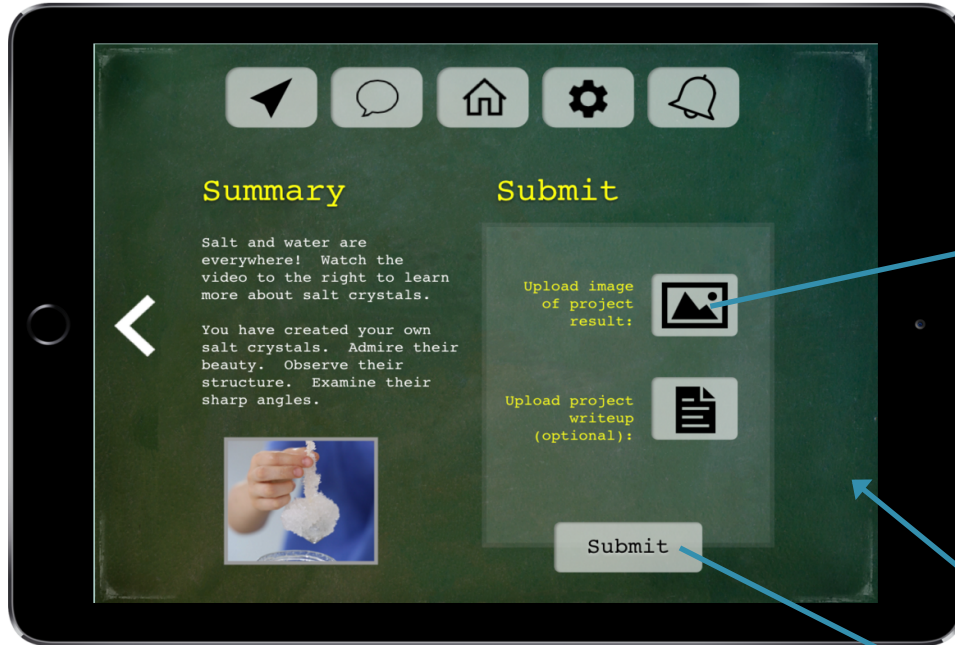




Task Flow #2 – Doing a Project



+ Task Flow #3 – Submitting a Project





Prototype Tool: Sketch

How it helped

- Graphical interface
- Easy to duplicate pages
- Made us think about feasibility
 - Ex. Review page for submission

How it did not help

- Huge learning curve
- Bad AI?
- Duplicating vs. copying pages
- Hard to implement dynamic features
 - Ex. Going back



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Prototype Overview

- Tradeoffs
 - Feasibility vs. usefulness
 - Student pages vs. teacher pages
 - Simplicity of task vs. simplicity of implementation

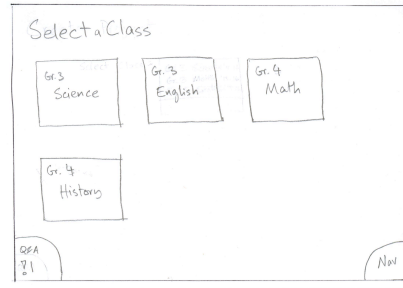




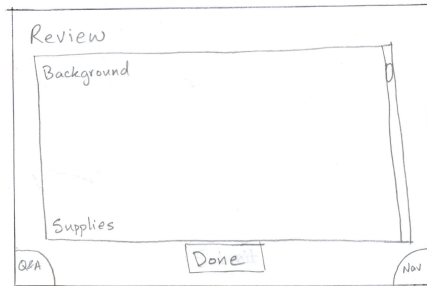
Prototype Overview



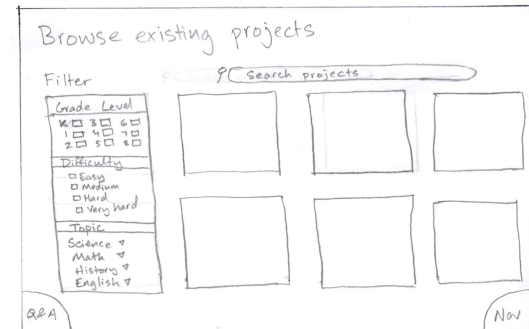
- Omitted
 - Select class page



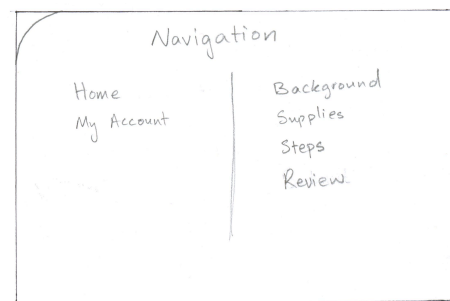
- Review of submission page



- Browse existing projects page



- Navigation for teacher



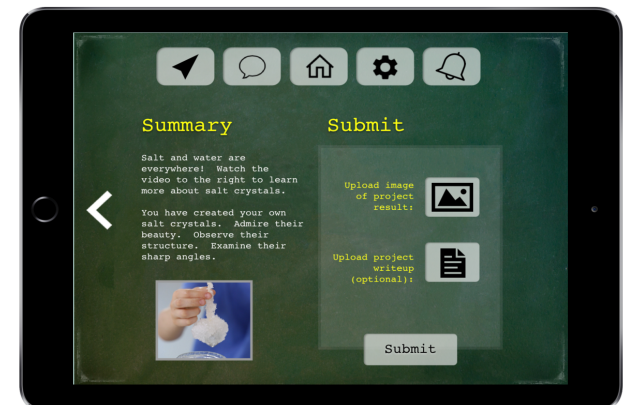
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Prototype Overview

- Wizard of Oz techniques
 - Duplicated many screens
 - Abstracted away some of the project creation



- Hand-coded
 - Made up project for student
 - Project creation page
 - Uploading text
 - Uploading images





Thank You!



Medium-Fi Prototype Link

<https://marvelapp.com/b2jh55>