



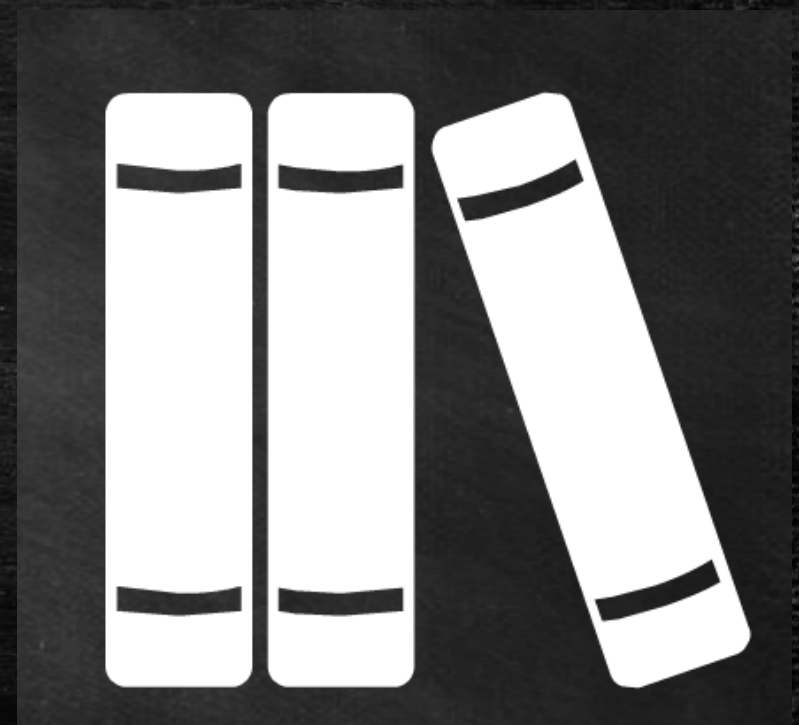
EdHub



By Stacey Kirby, Tanner Wilson, Hiram Sabaghian, Fahad Alothaimeen

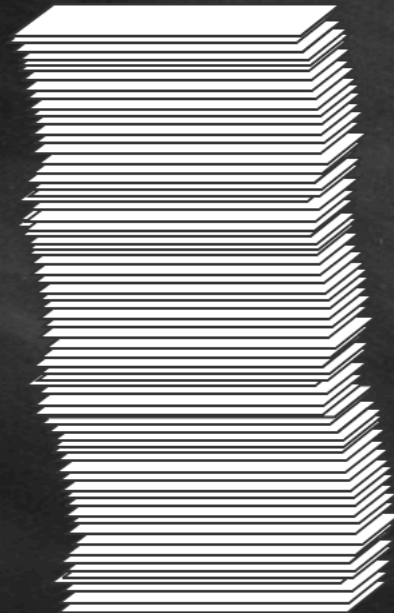
Agenda

- Overall Problems
- Contextual Inquiry
- 6 Tasks
- Designs
- Storyboards
- Summary



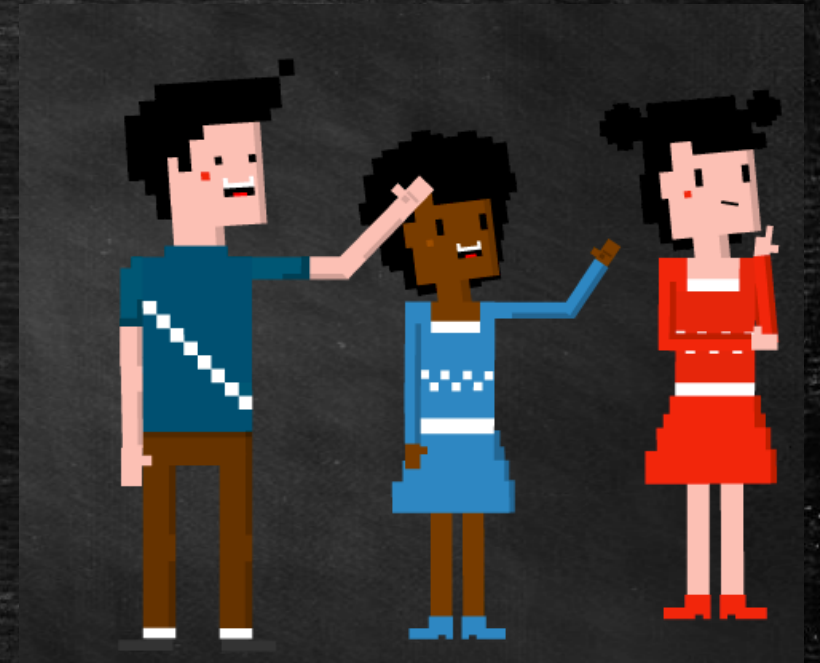
Overall Problems

1. Students are overwhelmed by schoolwork
2. Difficult to keep track of multiple websites
3. Inability to get help on assignments



Contextual Inquiries

- Three Participants
 - CS Major
 - Chemistry Major
 - Middle Eastern Studies Major
- Our Goals
 - Varied Types of Students
 - Technical Experience
 - Specific Class Needs
 - Find Personalized Study Habits



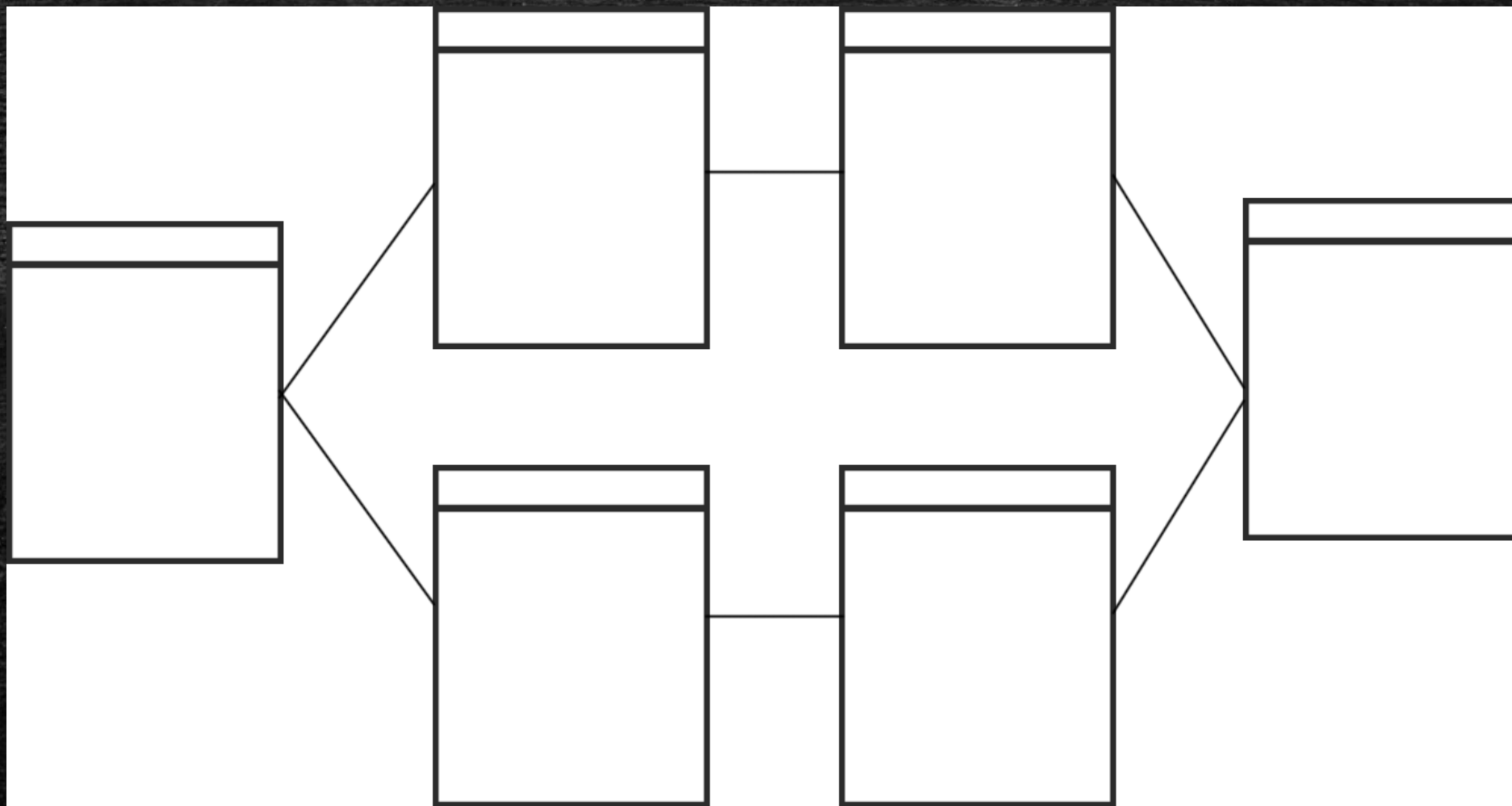
Contextual Inquiries Findings

- Students having issues with:
 - Using Roundabout Ways to Solve Problems
 - Organizing Files
 - Finding Good Study Resources
 - Keeping Track of Schedules
 - Starting and Continuing Assignments
 - Remembering All of the Websites for Classes

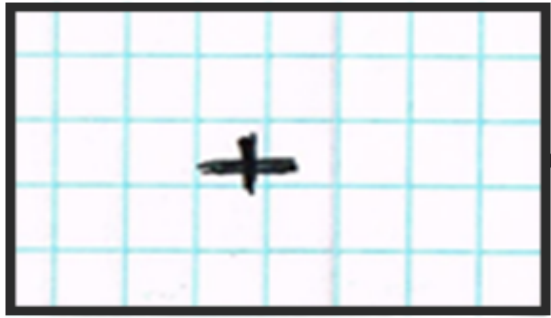
6 Tasks

1. Logging into CIS and Canvas (Easy)
2. Keeping Track of Assignments and Other Activities (Easy)
3. Tracking Passwords/Username for Websites (Moderate)
4. Searching for Help on Assignments (Moderate)
5. Having an Uncluttered Environment (Moderate)
6. Display Needed Resources (Hard)

Design 1: Boards

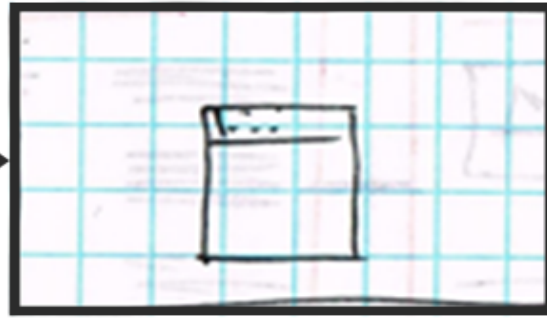


Empty Board



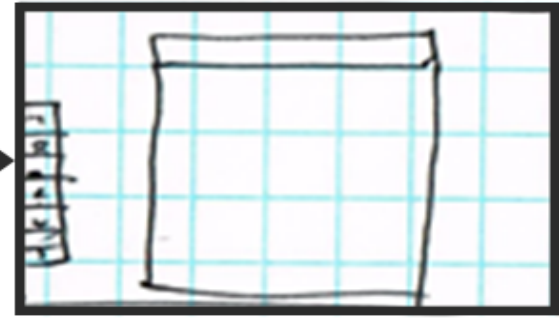
Clicked on the + button

Board Initialized



Double Clicked Created Node

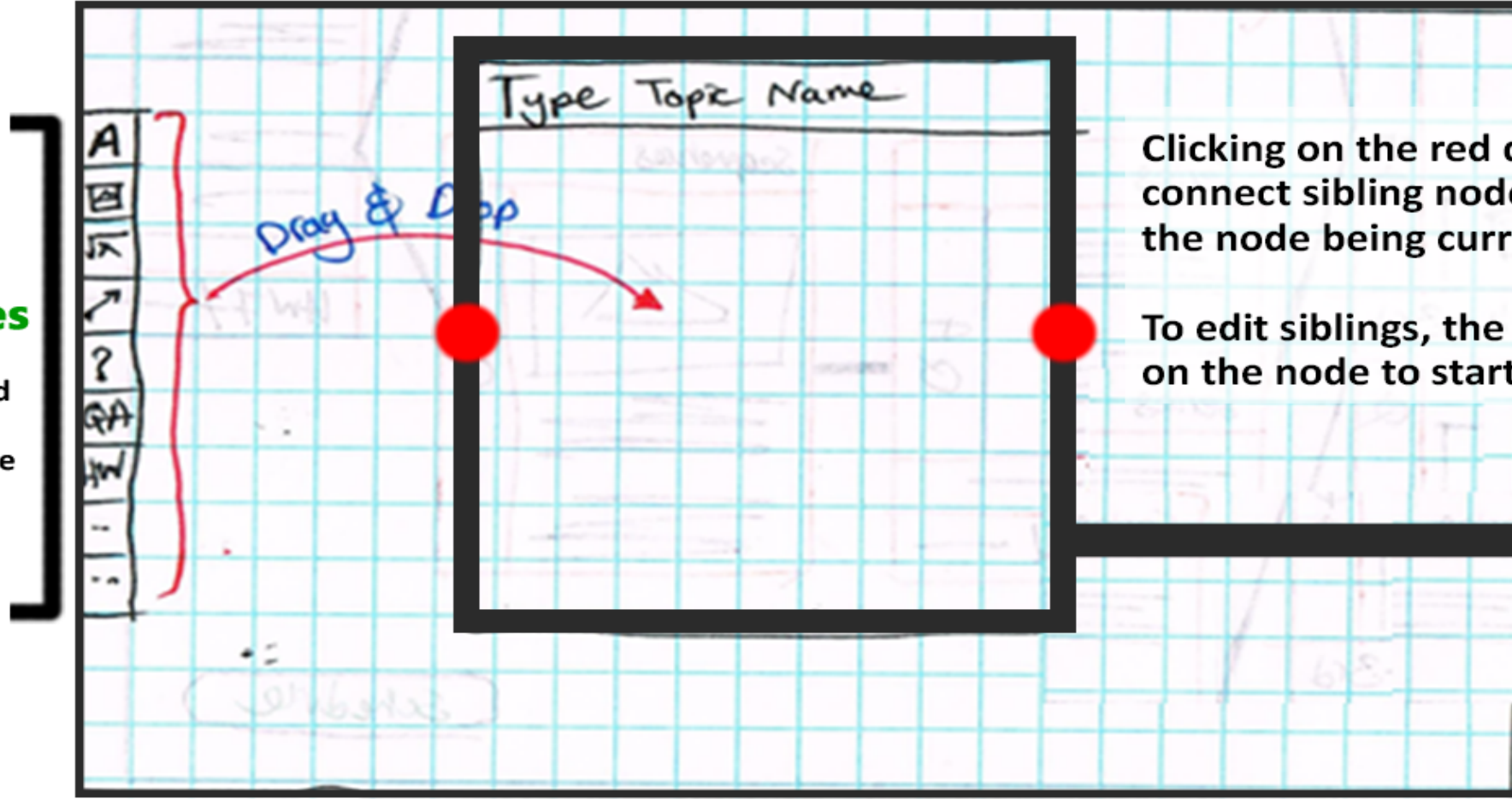
Node Edit



Node Edit (In Detail)

Modules

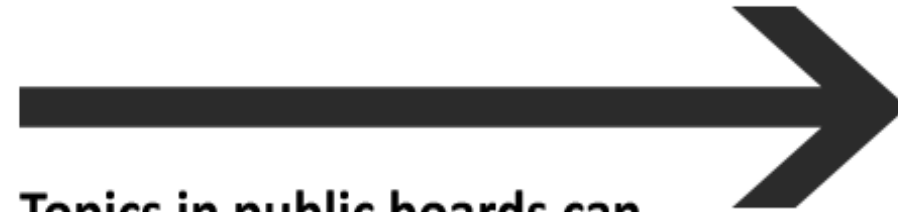
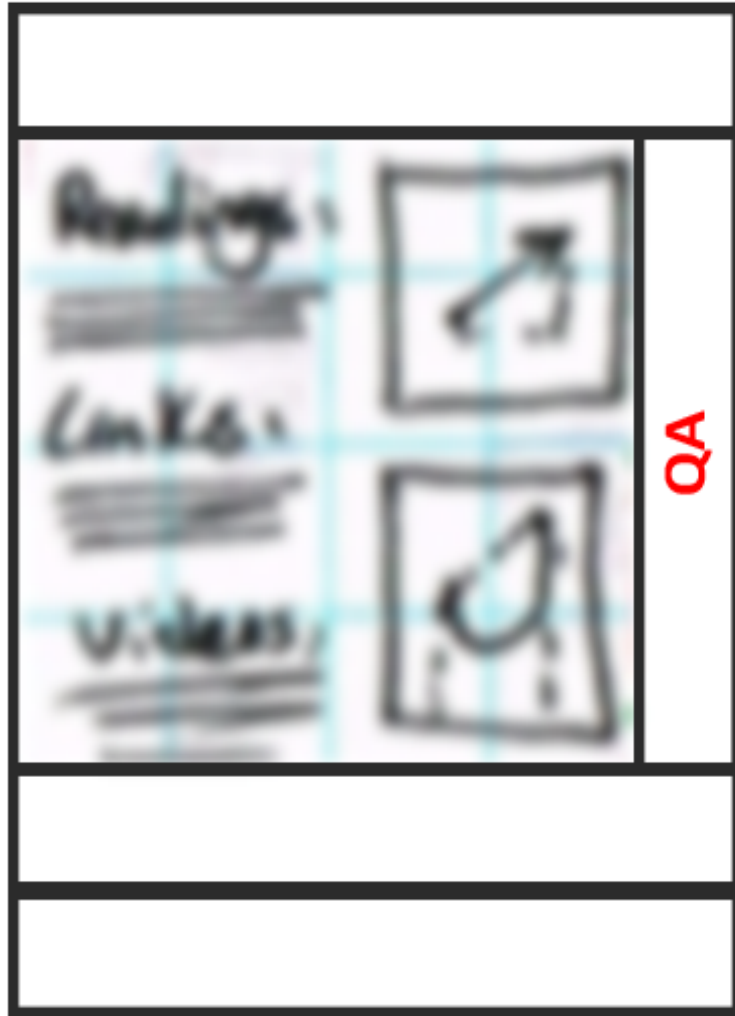
Can be dragged and dropped to the node are



Clicking on the red dots will create and connect sibling node (related topic) to the node being currently edited.

To edit siblings, the user can double click on the node to start the editing process.

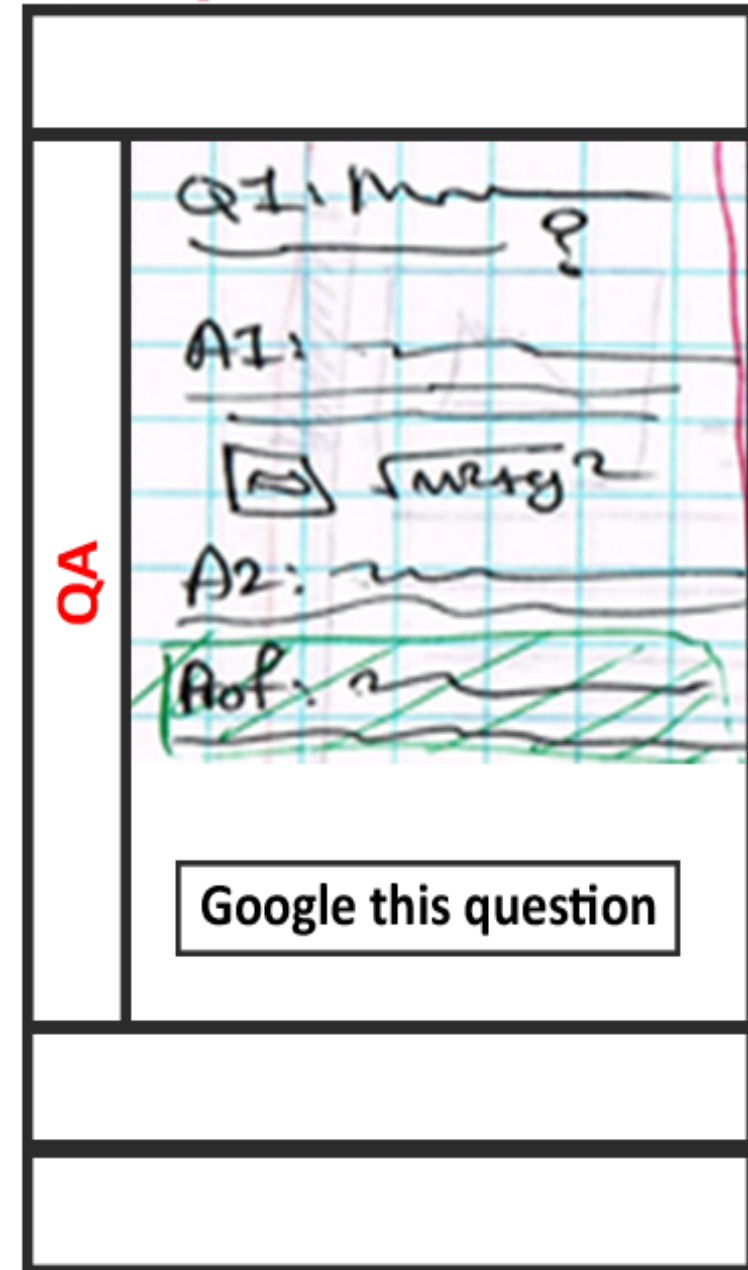
QA Collapsed



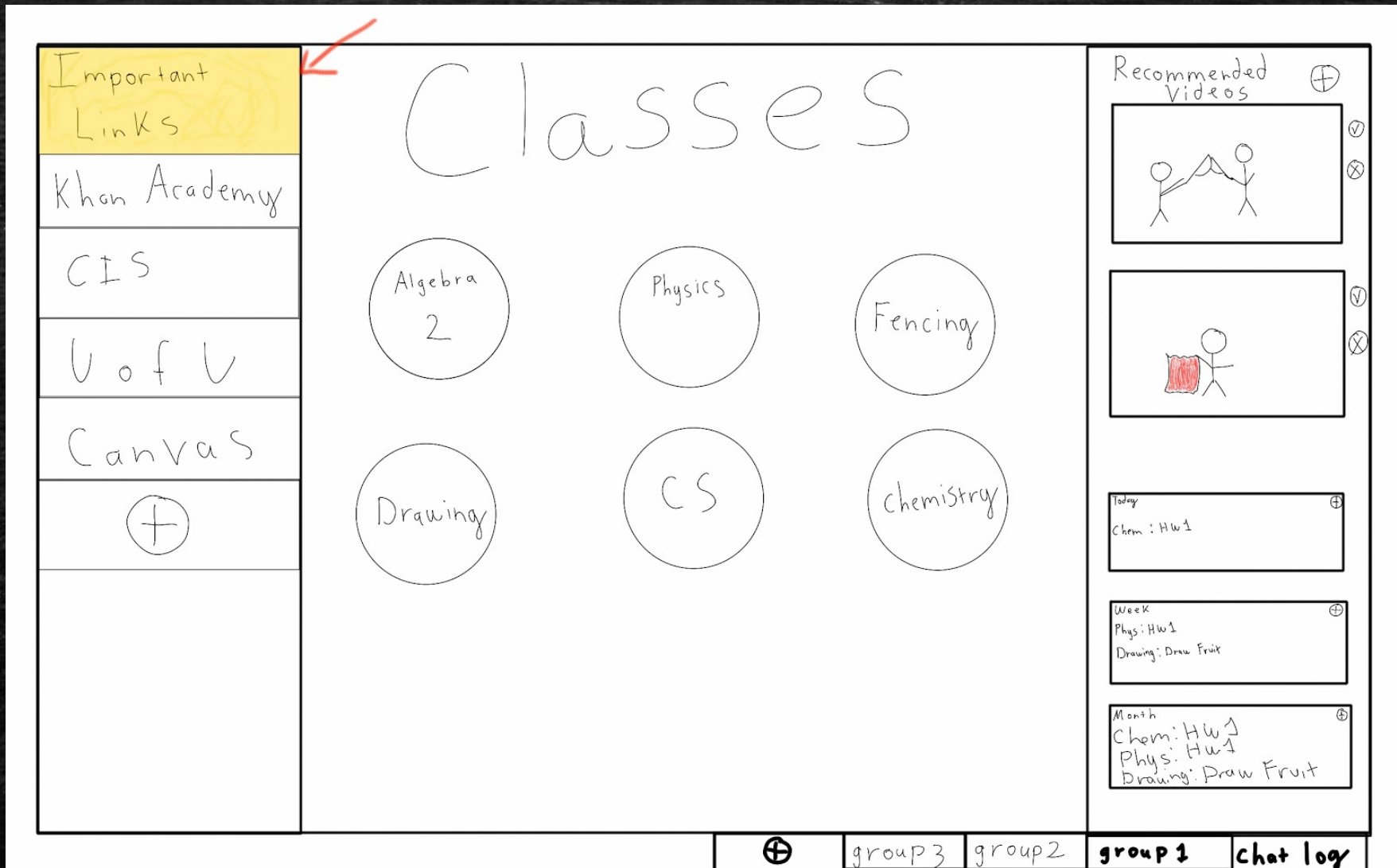
Topics in public boards can have a dedicated QA module, with other website members responding and interacting with each other.



Questions can also be searched on Google.

QA Expanded

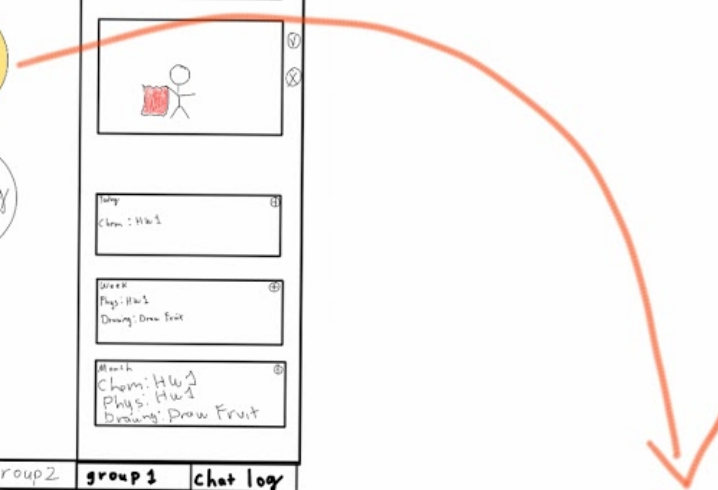


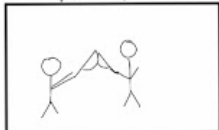

Design 2: Bookmark



Important Links	<h1>Classes</h1> <div style="display: flex; flex-wrap: wrap; justify-content: space-around;"> <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; text-align: center; line-height: 40px;">Algebra 2</div> <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; text-align: center; line-height: 40px;">Physics</div> <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; background-color: yellow; text-align: center; line-height: 40px;">Fencing</div> <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; text-align: center; line-height: 40px;">Drawing</div> <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; text-align: center; line-height: 40px;">CS</div> <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; text-align: center; line-height: 40px;">Chemistry</div> </div>	Recommended Videos
Khan Academy		
CIS		
UofV		<div style="border: 1px solid black; padding: 2px;"> Today Chem: HW 1 </div>
Canvas		<div style="border: 1px solid black; padding: 2px;"> Week Phys: HW 1 Drawing: Draw Fruit </div>
+		<div style="border: 1px solid black; padding: 2px;"> Month Chem: HW 1 Phys: HW 1 Drawing: Draw Fruit </div>

+
group3
group2
group1
chat log



Important Announcements	<h1>Fencing</h1> <div style="display: flex; flex-wrap: wrap; justify-content: space-around; margin-top: 20px;"> <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; text-align: center; line-height: 40px;">101 Fencing</div> <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; text-align: center; line-height: 40px;">class namepage</div> <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; text-align: center; line-height: 40px;">fencing book lol</div> </div> <div style="margin-top: 20px;"> <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; text-align: center; line-height: 40px;">fencing stances</div> </div>	Recommended Videos
fencing essay extension		
fencing meeting cancelled		
+		<div style="border: 1px solid black; padding: 2px;"> Today </div>
		<div style="border: 1px solid black; padding: 2px;"> Week fencing essay </div>
		<div style="border: 1px solid black; padding: 2px;"> Month </div>

+
group3
group2
group1
chat log

Important
Announcements

fencing essay
extension

fencing meeting
cancelled



Fencing

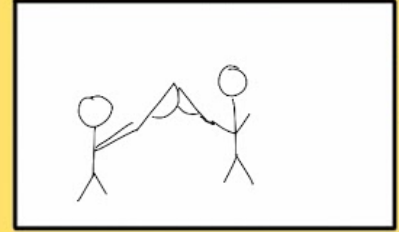
101
Fencing

class
homepage

fencing
book
lol

fencing
stances

Recommended
Videos



Today

Week
fencing essay

Month



group 3

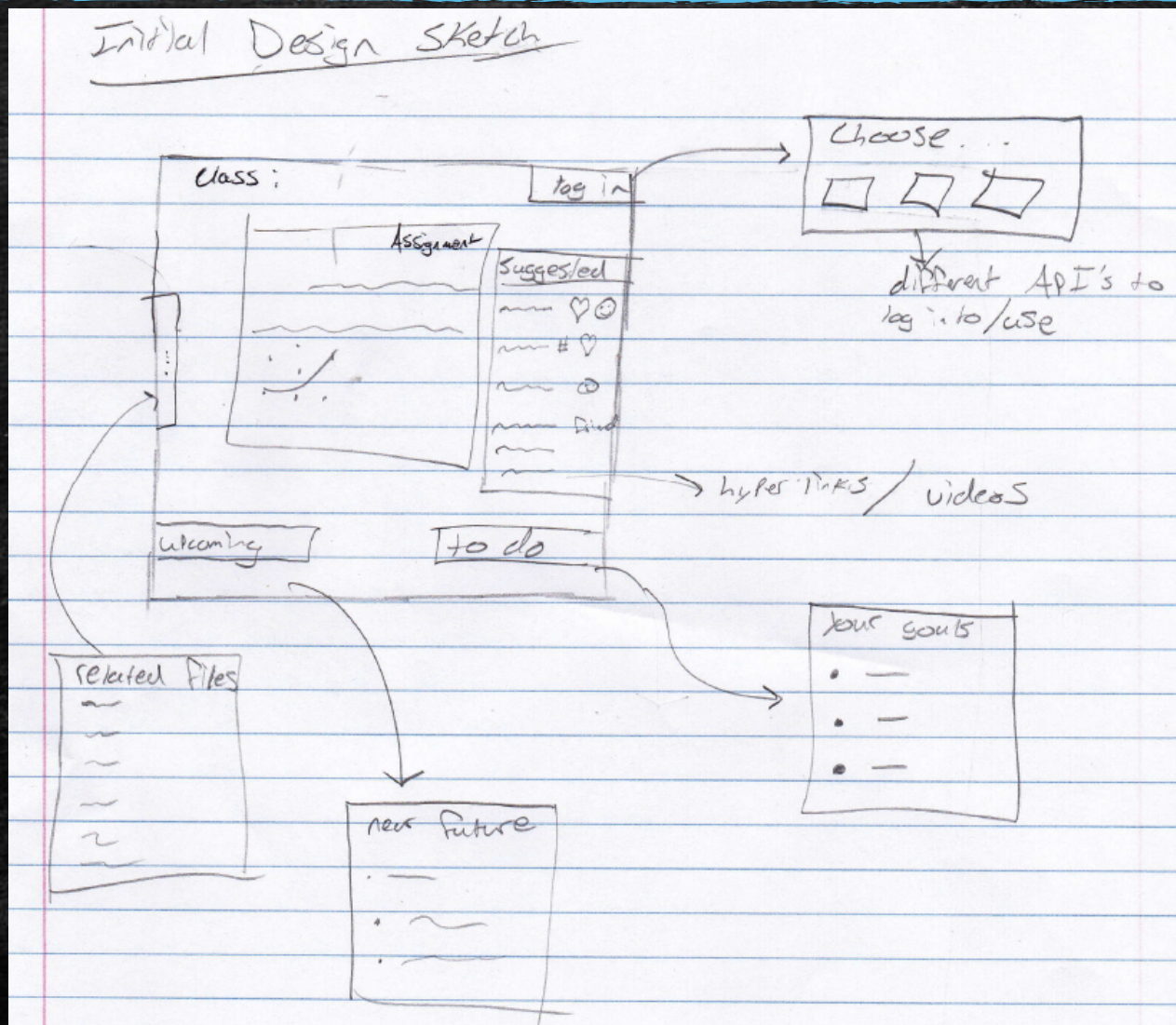
group 2

group 1

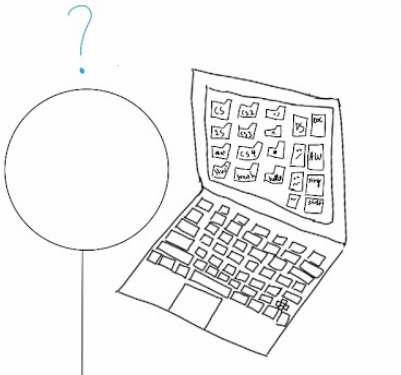
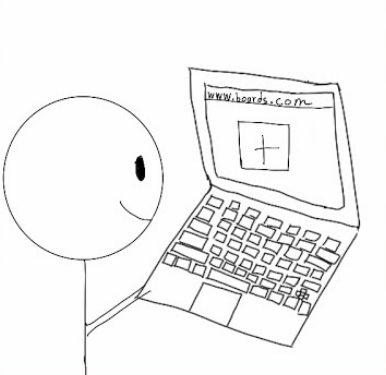
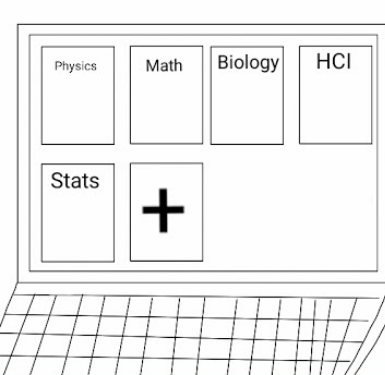
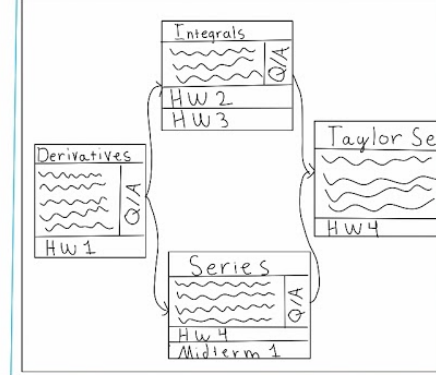
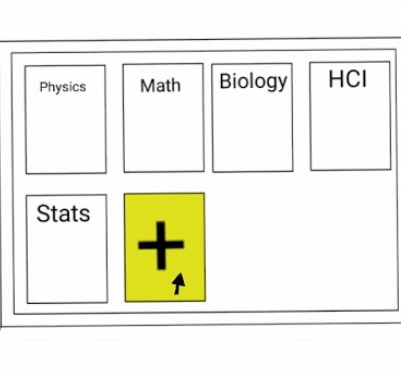
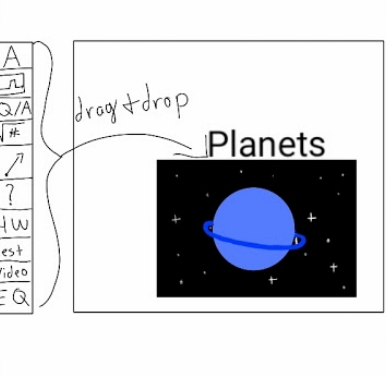
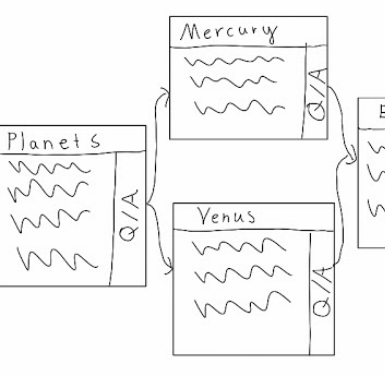
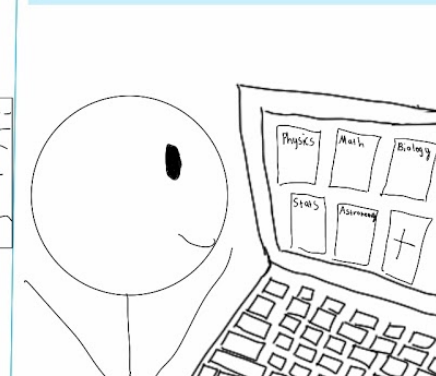
chat log



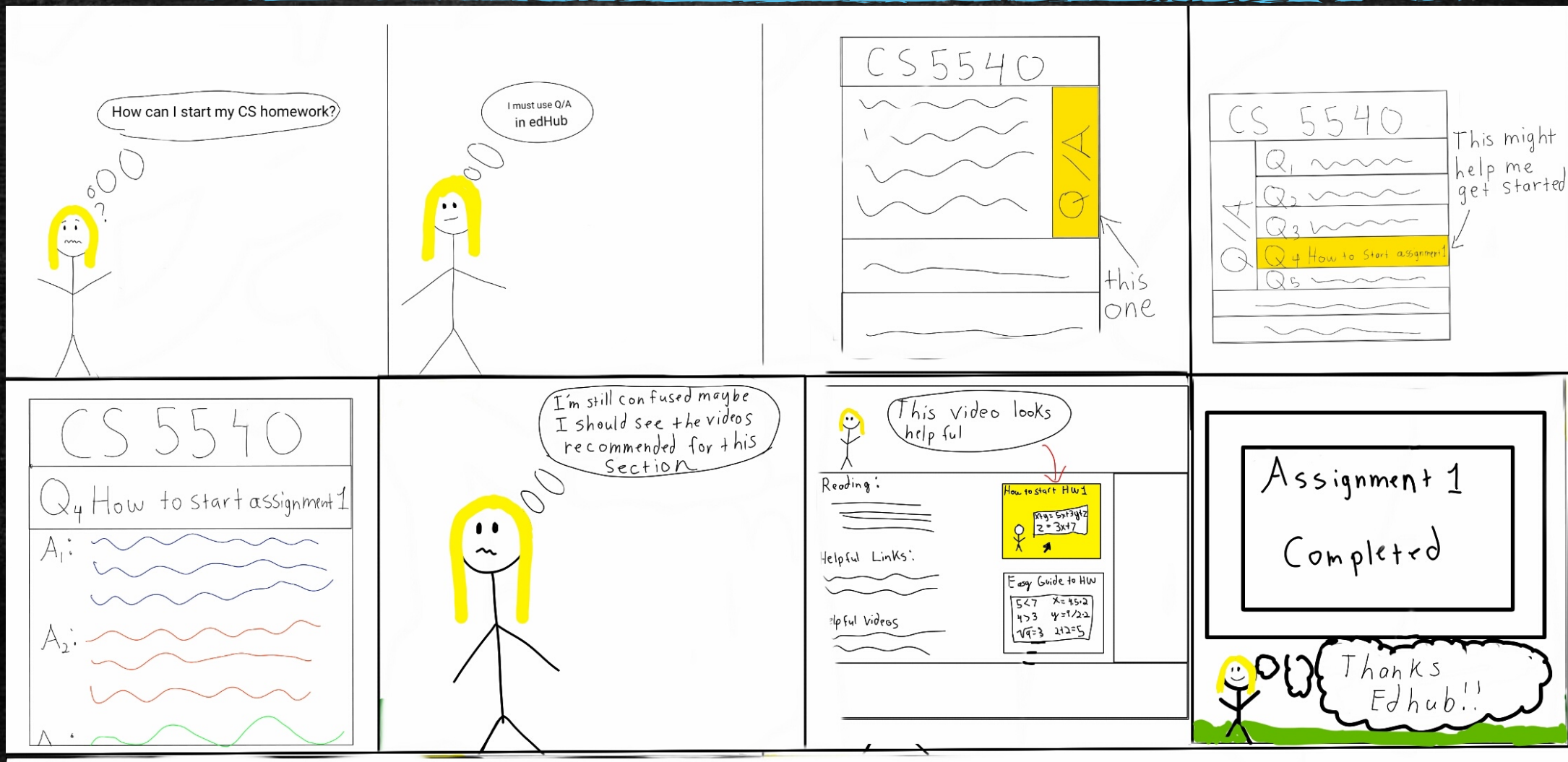
Design 3: Mobile Application



Storyboard 1:

			
<p>Joshua is a student at the University of Utah. He currently has no way to keep all the files that he needs for school organization.</p>	<p>Joshua finds out about “Boards” from his teachers at the university.</p>	<p>He finds out that he can make different boards for each of his subjects or add already made subjects.</p>	<p>Joshua selects Algebra 2 that was made by a teacher. He can easily see how the subjects are connected and what files are specifically for each section.</p>
			
<p>Joshua decides that he wants to make a new board for astronomy</p>	<p>Joshua customizes his new topic</p>	<p>He has now created a new board that he can share with people.</p>	<p>Joshua is now able to stay organized</p>

Storyboard 2:



Summary

- Communication and Meeting Outside of Class is Important
- Always Focus on the Target User
- Don't be afraid of "wrong" designs
- Think Outside of the Box



Questions?

