



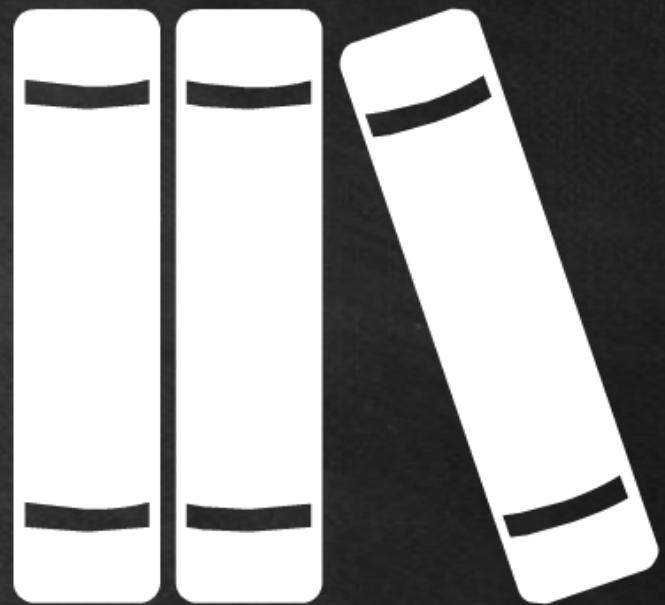
EdHub



By Stacey Kirby, Tanner Wilson, Hirad 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



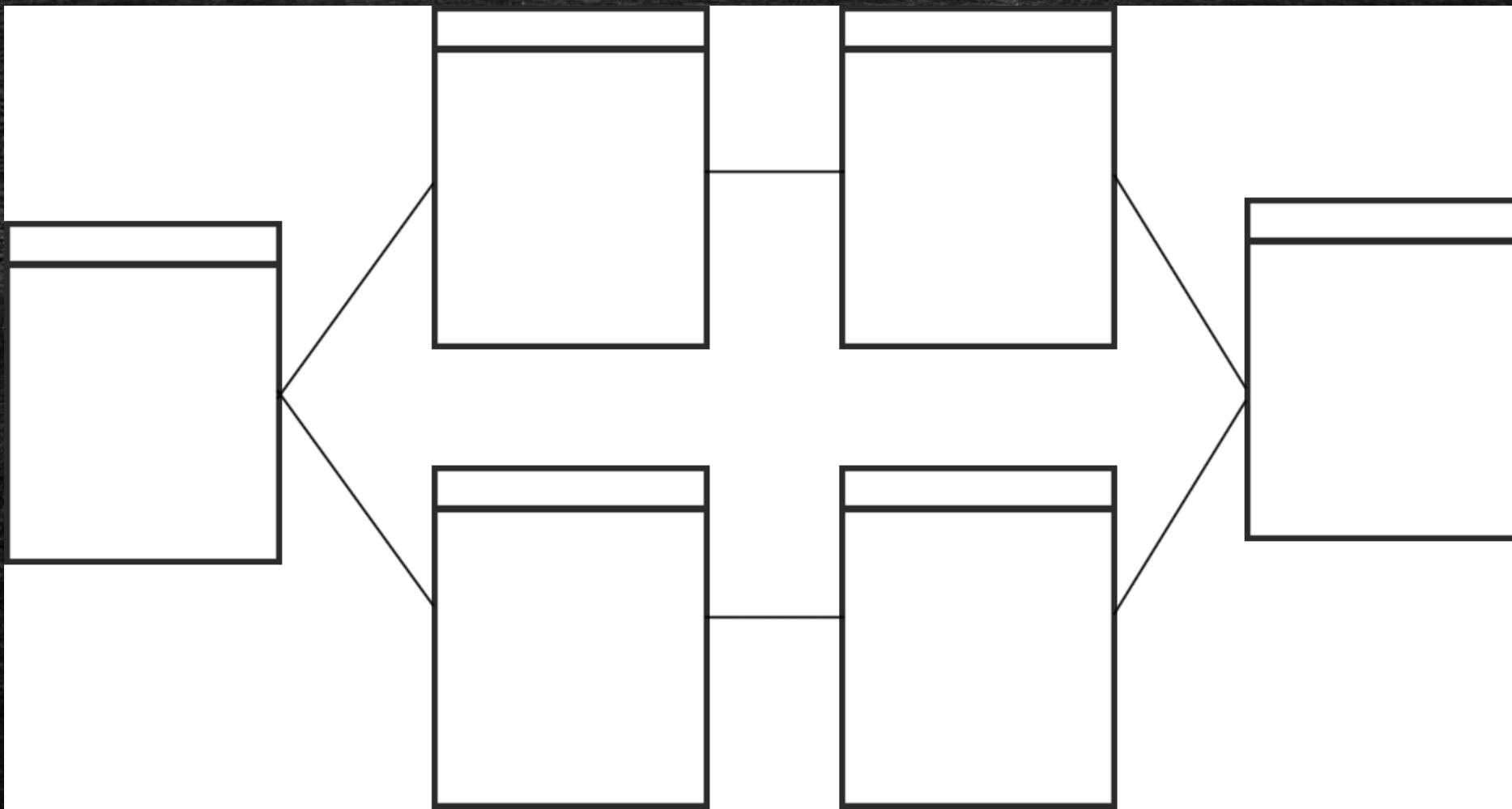
Contextual Inquiries Findings

- 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

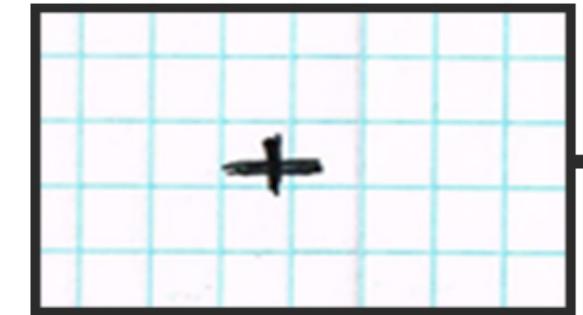
6 Tasks

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

Design 1: Boards

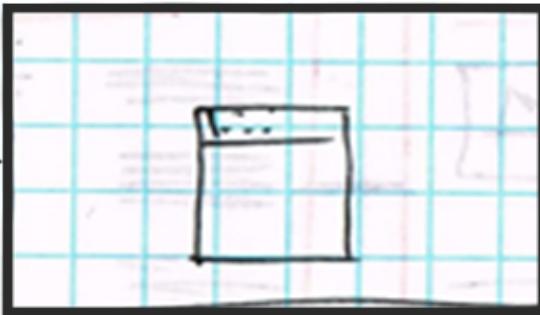


Empty Board



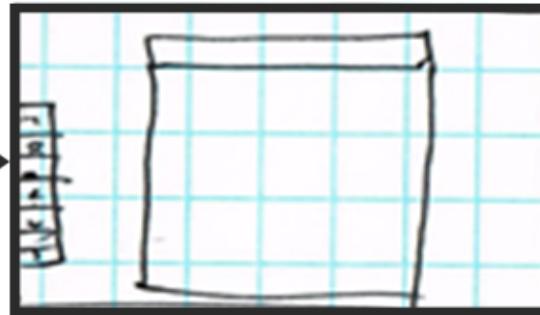
Clicked on
the +
button

Board Initialized

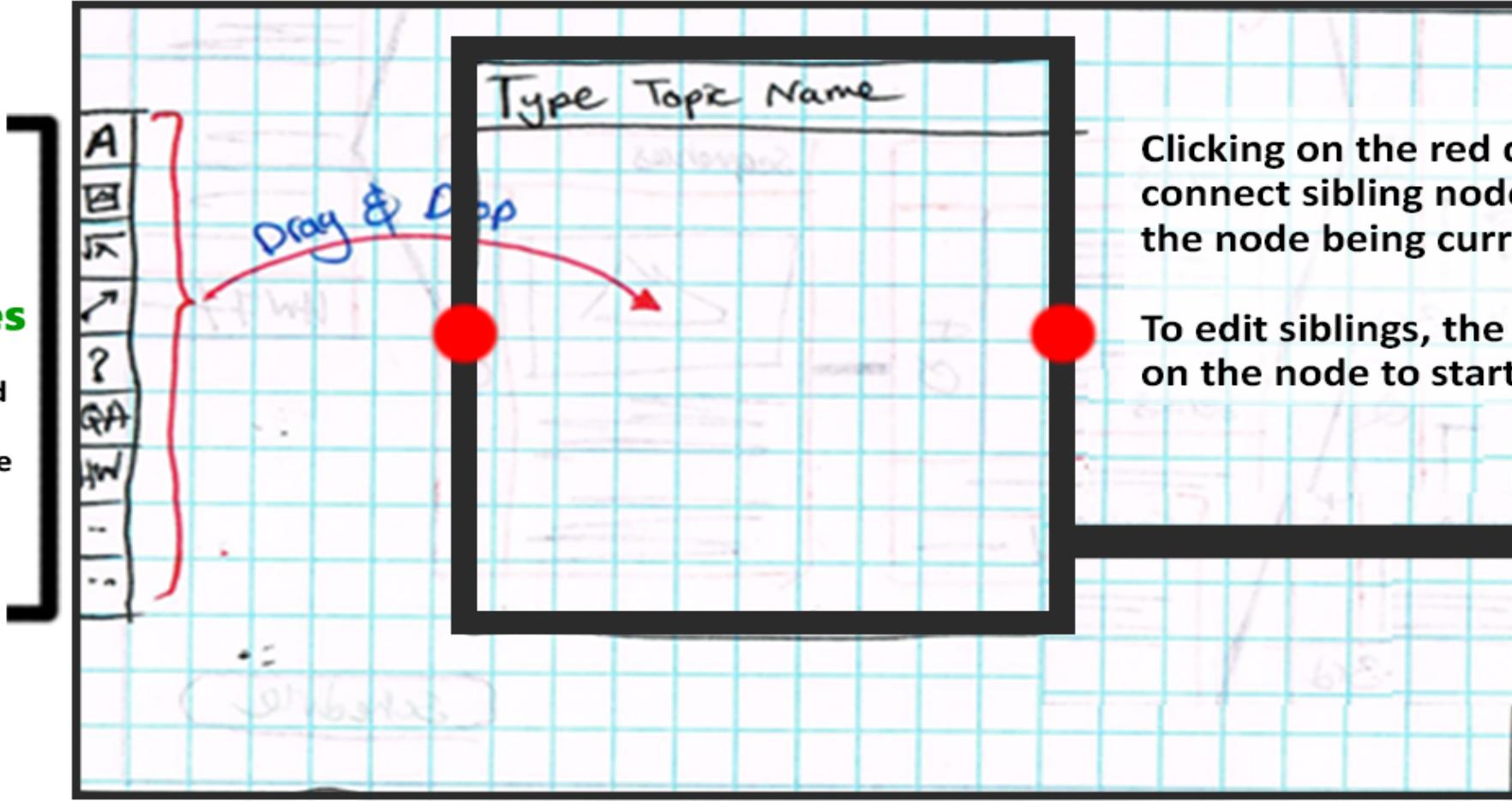


Double Clicked
Created
Node

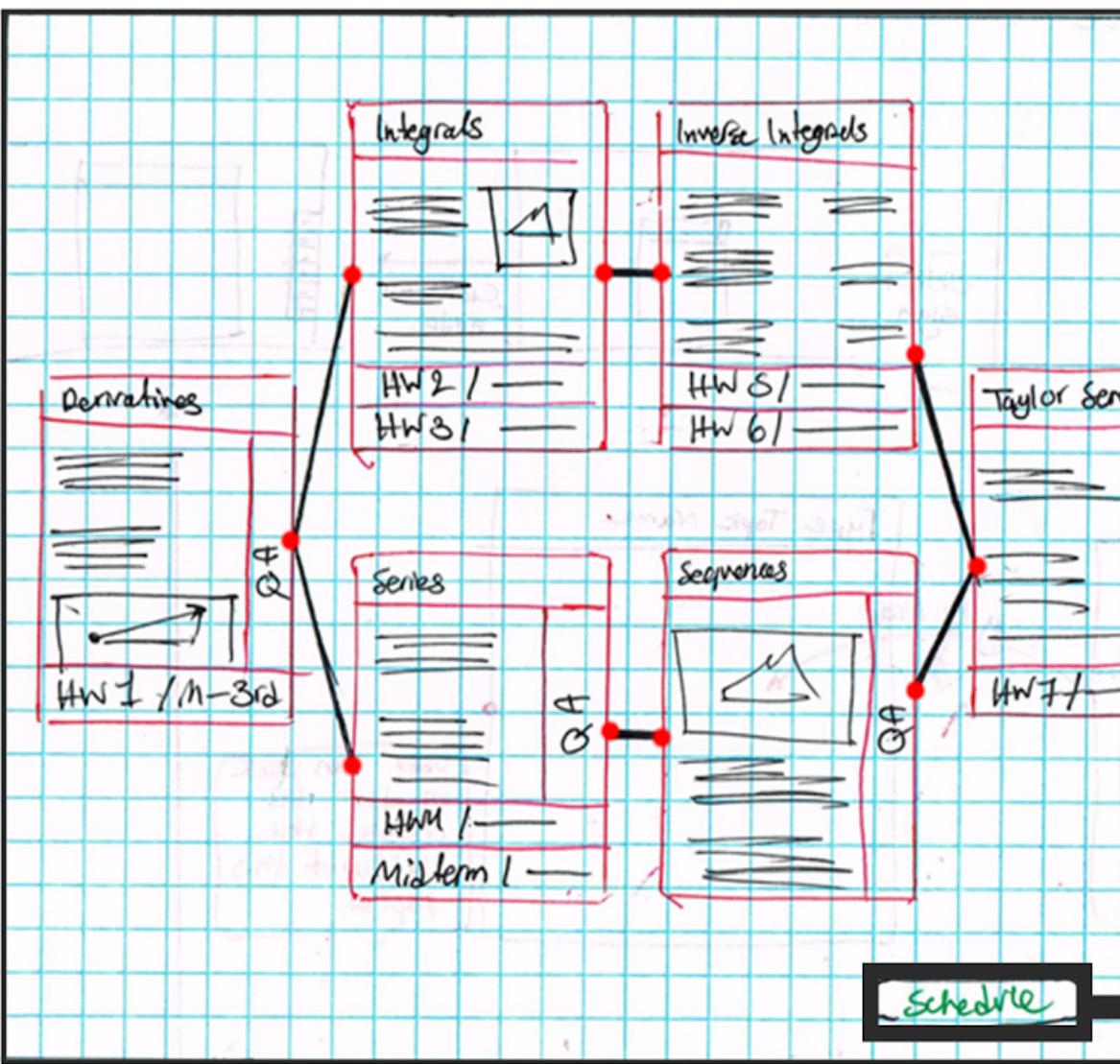
Node Edit



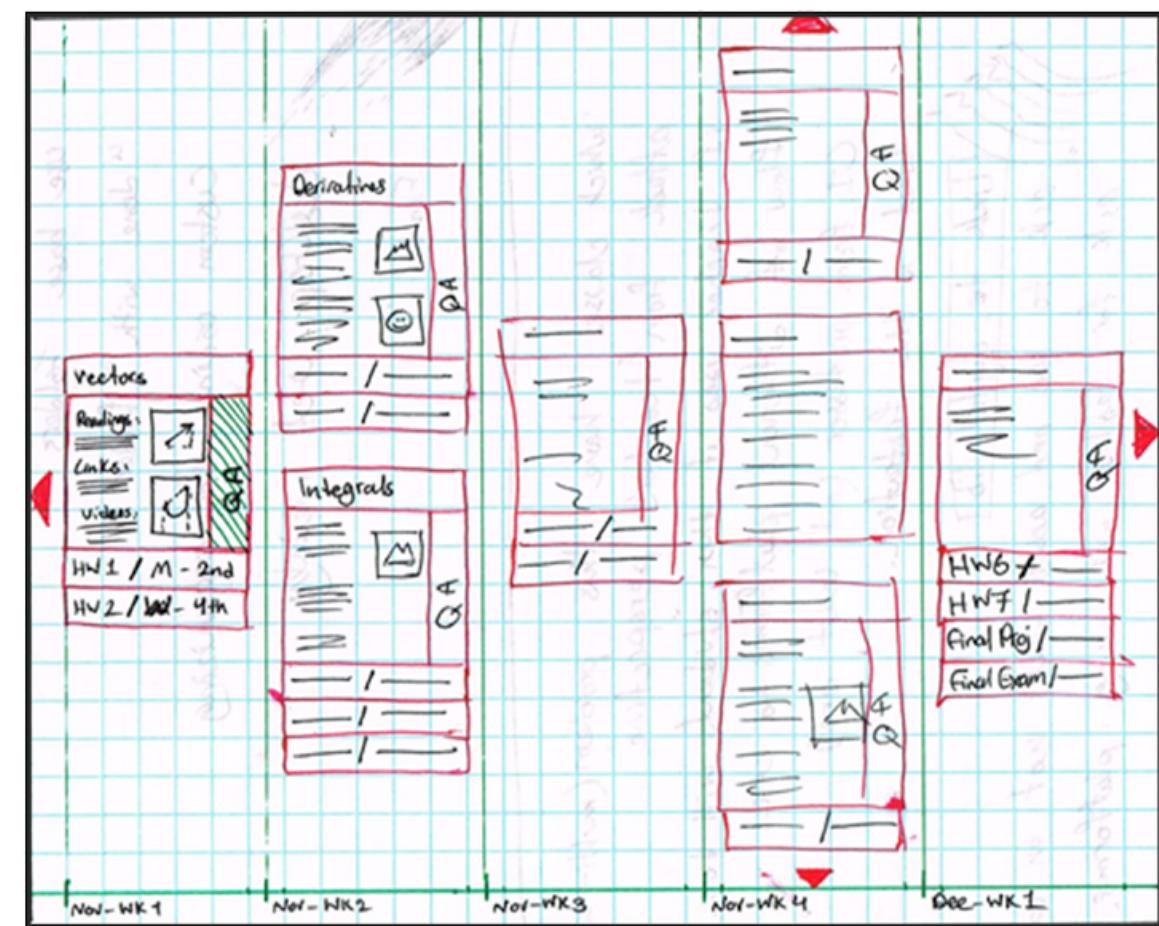
Node Edit (In Detail)



Relation View



Schedule View



Timeline

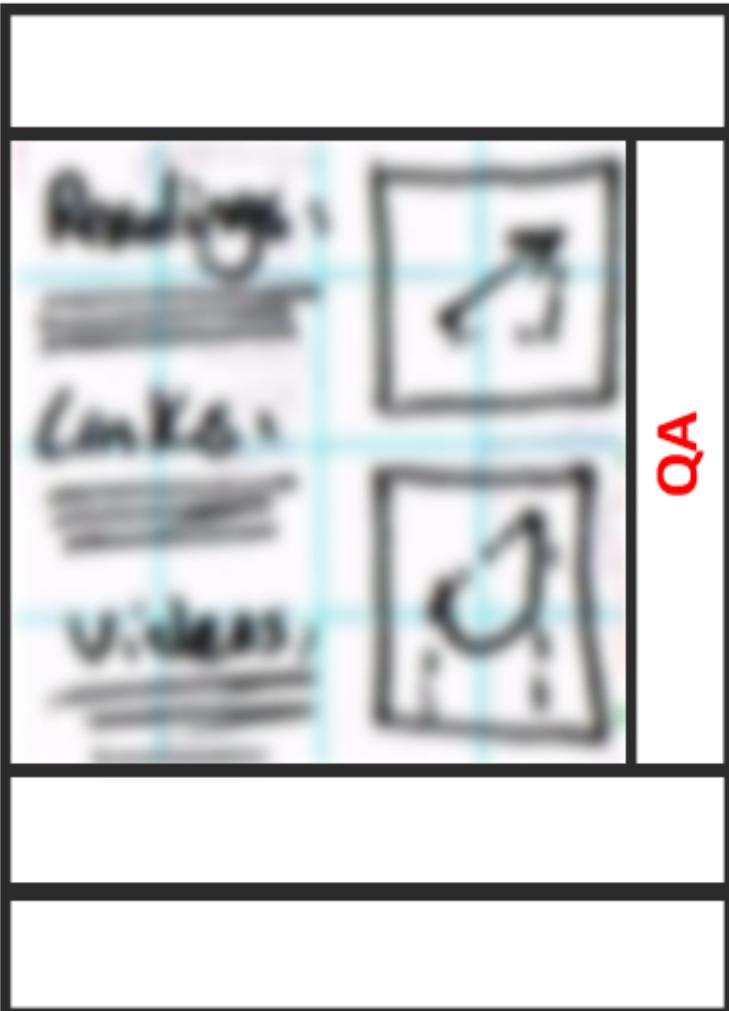
Clicking on the schedule from the Relation View takes the user to the Schedule View.

Schedule view allows the user to zoom in-out on their schedule to display desired timeline.

Students can also drag-drop nodes to intervals to create/modify their schedule.

QA Expanded

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.



A screenshot of a public board interface showing an expanded QA module. On the left, there is a vertical column labeled 'QA' in red. To its right, there are several handwritten-style entries:

- Q1: Mn ?
- A1: Iron
- Survey²
- A2: Iron
- Aof: Iron

Below these entries is a button labeled 'Google this question'.

Design 2: Bookmark

Important Links

Khon Academy

CIS

U of U

Canvas

⊕

Classes

- Algebra 2
- Physics
- Fencing
- Drawing
- CS
- Chemistry

Recommended videos

- Stick figures on a mountain
- Stick figure sitting on a red box
- Today: Chem: HW1
- Week: Phys: HW1
Drawing: Draw Fruit
- Month: Chem: HW1
Phys: HW1
Drawing: Draw Fruit

⊕ group 3 group 2 group 1 chat log

Important
Links

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Classes

Algebra
2

Physics

Fencing

Drawing

CS

chemistry

Recommended Videos

⊕

⑦ ⑧

⑦ ⑧

⑦ ⑧

⑦ ⑧

⊕ group3 group2 group1 chat log

Important
Announcements

fencing essay
extension

fencing meeting
cancelled



Fencing.

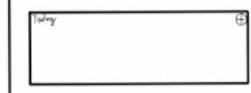
101
Fencing

class
homepage

fencing
book
101

fencing
stances

Recommended
Videos



⊕ group3 group2 group1 chat log

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Fencing

101
Fencing

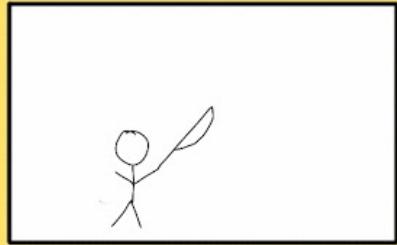
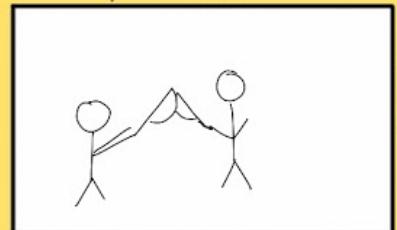
class
namepage

fencing
book
101

fencing
Stances



Recommended
Videos



Today

Week
fencing essay

Month



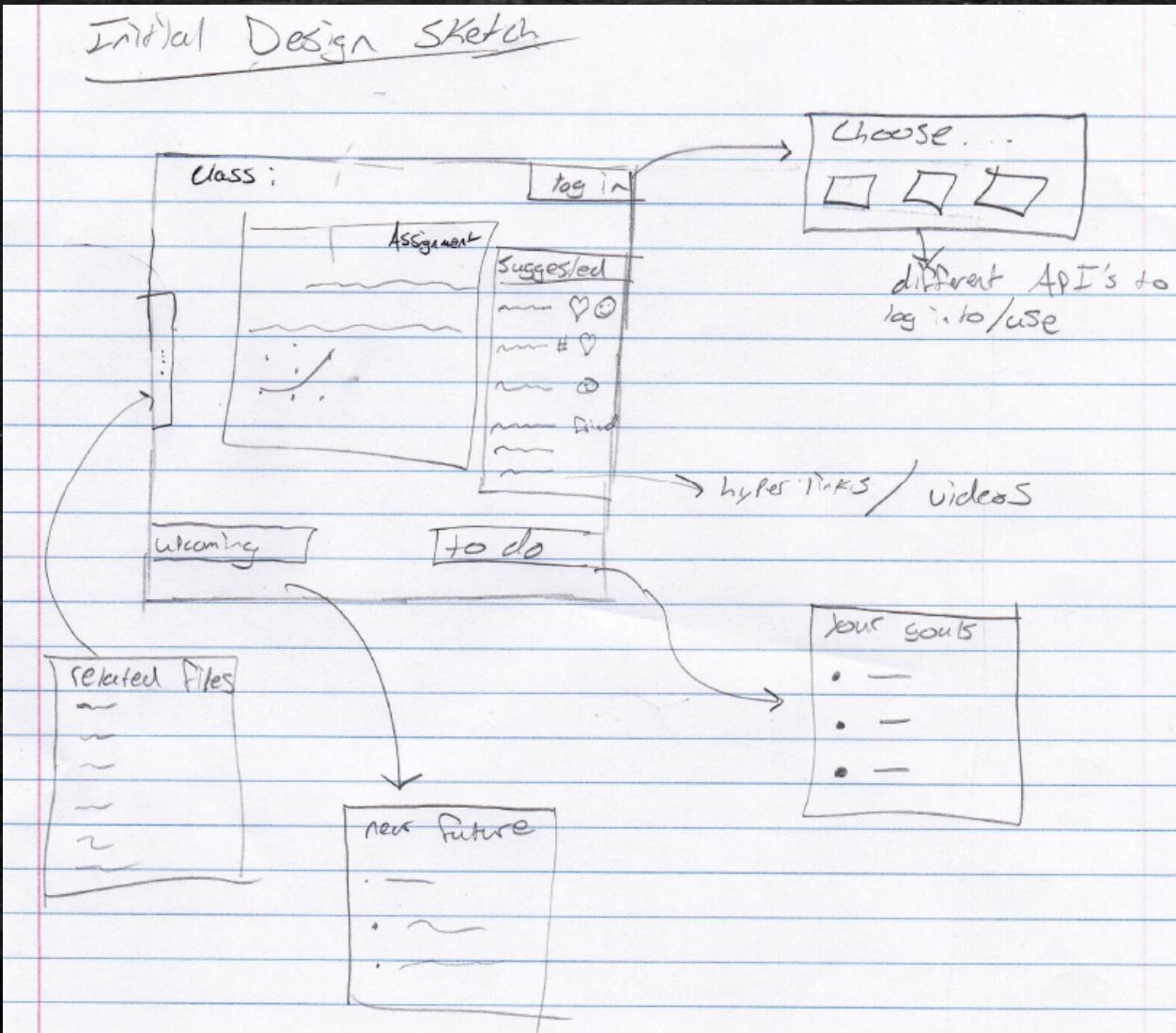
group 3

group 2

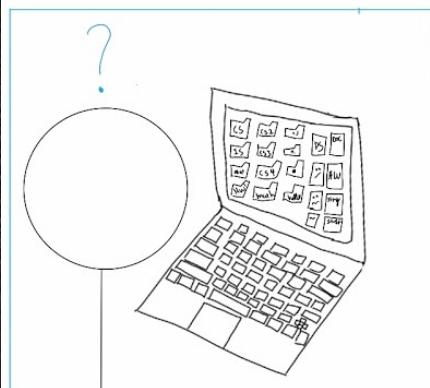
group 1

chat log

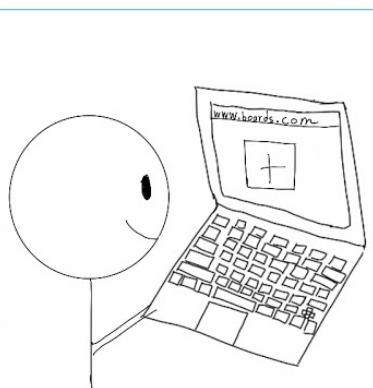
Design 3: Mobile Application



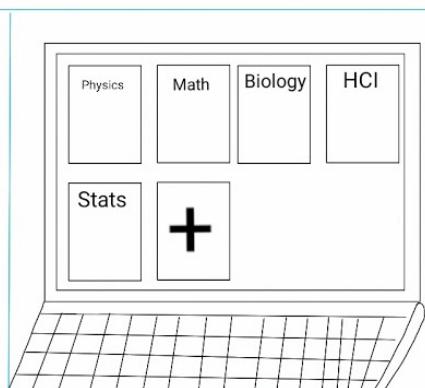
Storyboard 1:



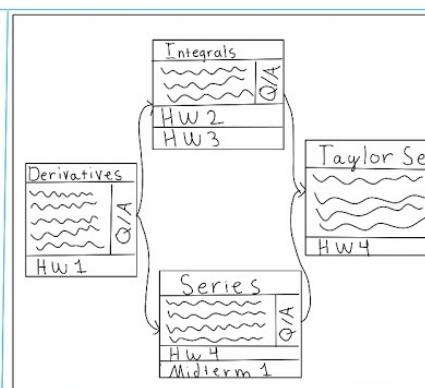
Joshua is a student at the University of Utah. He currently has no way to keep all the files that he needs for school organization.



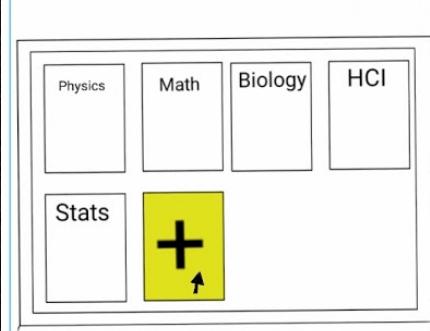
Joshua finds out about "Boards" from his teachers at the university.



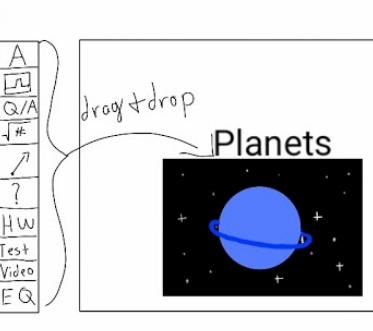
He finds out that he can make different boards for each of his subjects or add already made subjects.



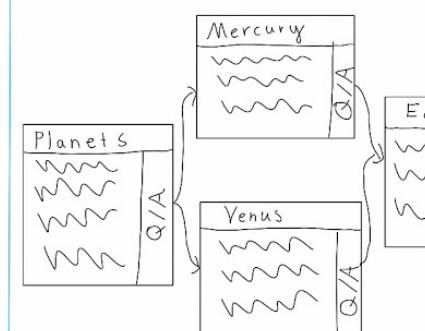
Joshua selects Algebra 2 that was made by a teacher. He can easily see how the subjects are connected and what files are specifically for each section.



Joshua decides that he wants to make a new board for astronomy



Joshua customizes his new topic

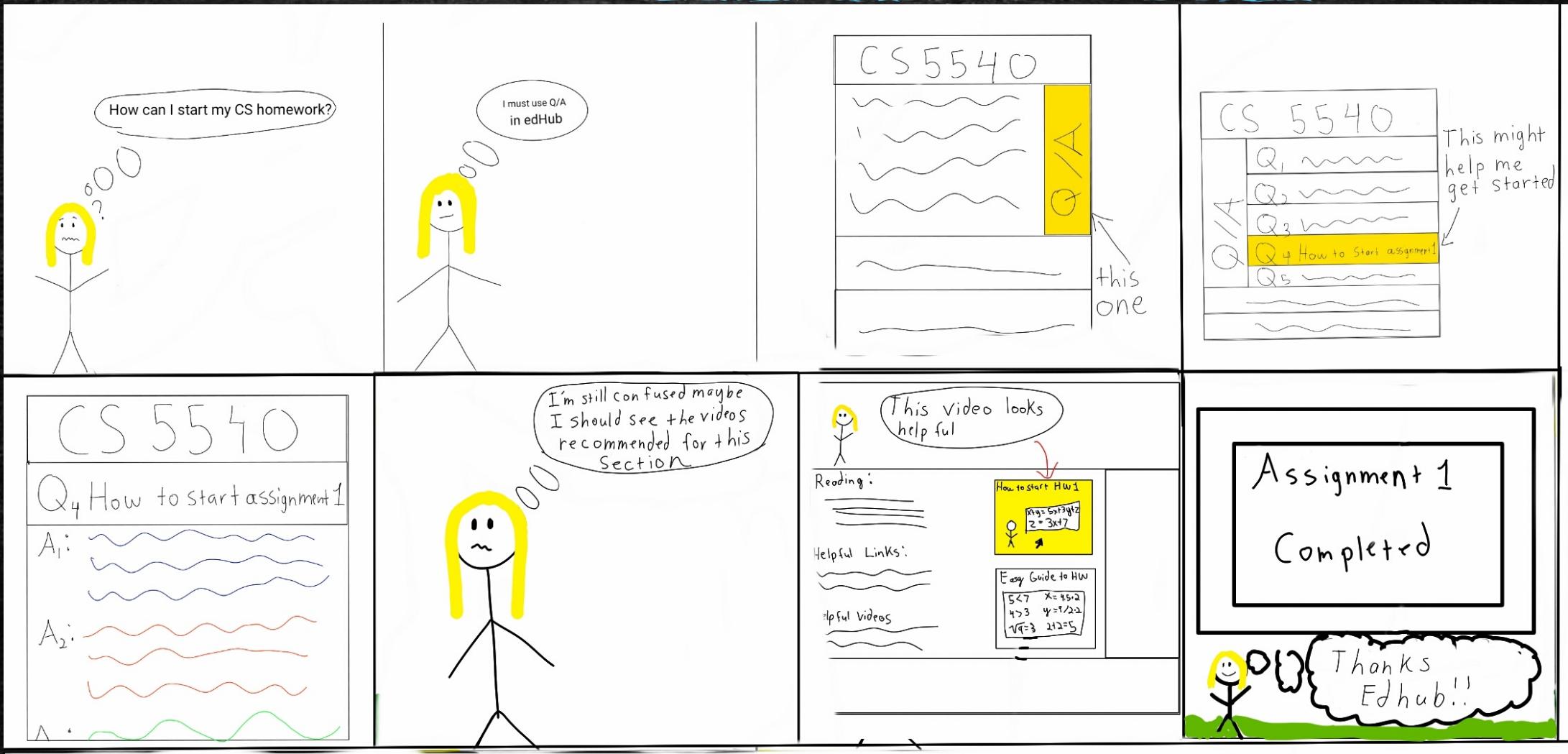


He has now created a new board that he can share with people.



Joshua is now able to stay organized

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?

