



# RAPID

Record, Analyze, Plan, Iterate &  
De-stress

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**RAPID is...**

**Smart Scheduler**

**Stress Reliever**

**Idea Tracker**

A smart calendar tool that learns and tweaks your daily plans for a more efficient and healthy schedule.

# Overall Problem

Pre-Stem Major's Stress:

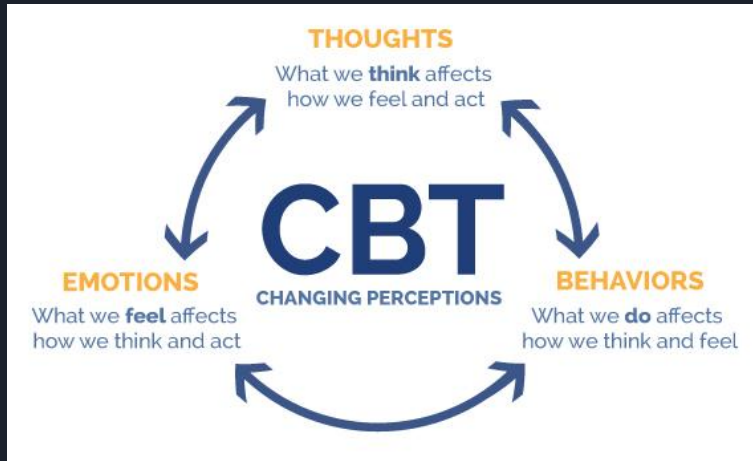
- Competitive Admission to major
- Internships
- Friendship/relationships



Any Solution Available?



# Original Direction



CBT  
DIGITAL  
PLATFORM

# Design Research

We conducted 4 qualitative interviews,

**BUT**

“Themes” were too high level to

- Make any actionable tasks off of
- Were too unrelated to each
  - Rewarding system to motivate,
  - Identifying stress
  - Track Sleep Cycle



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# Design Research

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**BUT**

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- Make any a
- Were too u
  - Rewardi
  - Identify
  - Track Sleep Cycle

**NOPE**



# Design Research

## Follow-up Interview

DIGGED DEEPER about one interview participant!



Johnny, Let's talk more!





# Johnny Overwhelmed



I'm not sure what I want to commit my time and energy towards.

**Age:** 19

**Gender:** Male

**Year:** Sophomore

**Major:** Informatics

## Goals

- Figures out which focus he wanted to take in the iSchool program
- Keeps a high GPA

## Needs

- Wants to be helped to relieve stress and overwhelming feelings
- Be more clear about what he wants to do in careers

## Pain Points

- Gets stressed by the overwhelming amount of schoolwork
- Not sure what he wanted to do next in his life after getting a degree
- Not have a goal which he wants to commit his time and energy towards

## Technology



Cellphone  
Computer  
Other

- Smartphone
- Desktop and Laptop
- Tablet



# New Direction

CBT Digital Platform



A platform that simply alleviates the stress of our new target stakeholder group, INSPIRED by CBT Techniques



# Six Tasks

1. More effective way to find related classes
2. Tracking thoughts about classes he took, which will help him find suitable classes
3. Structuring their schedule such that his personal interest needs are met
4. To view other classes either within or outside his discipline or department that built on what he learned in the previous quarter
5. Organizing his ideas better so he could synthesize achievable goals that he actually cares about
6. Having an easier access to an alumni network so he can have some mentorships

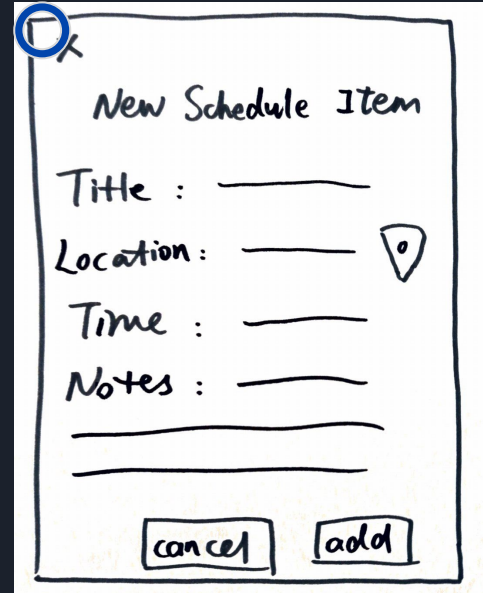
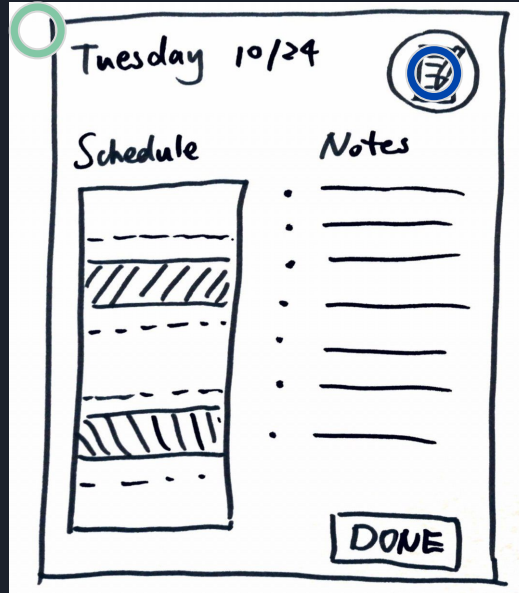
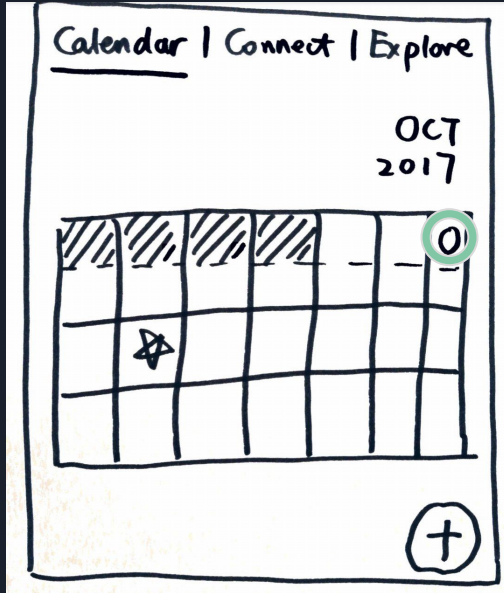


# Design Sketches

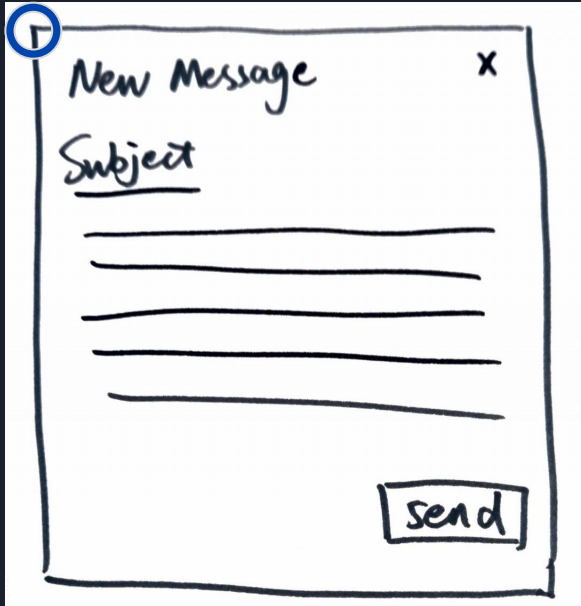
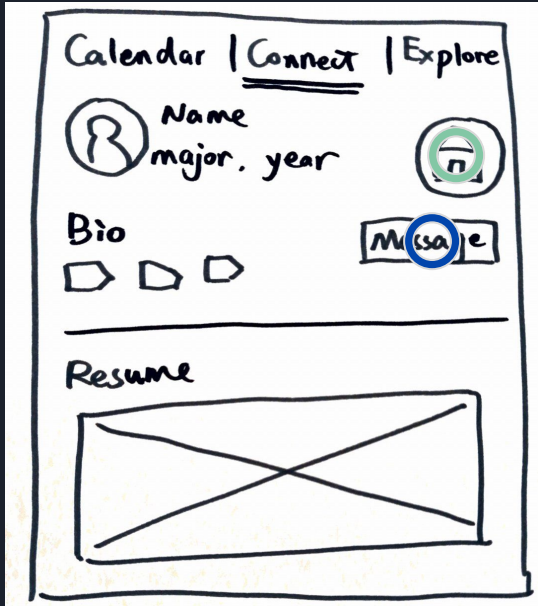
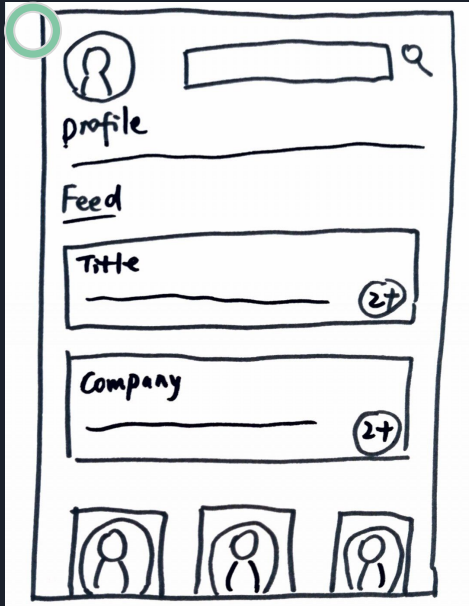


# Design 1 -- Calendar

1



# Design 1 -- Connect



# Design 1 -- Explore

Calendar | Connect | Explore

Based on your feedback you like:

- x project-based
- x technical
- x fast-paced

next

Calendar | Connect | Explore

Related by current courses

CSE440	MCDE 417	INSD 47
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Related by interest

PHYS 401	CSE 154
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Schedule

Titles

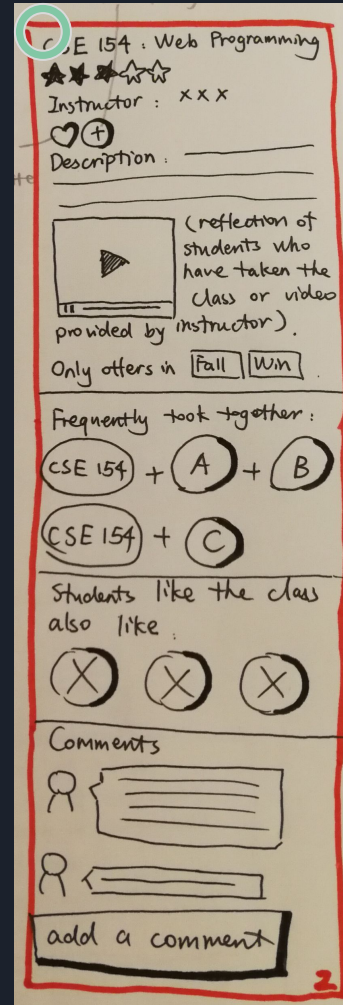
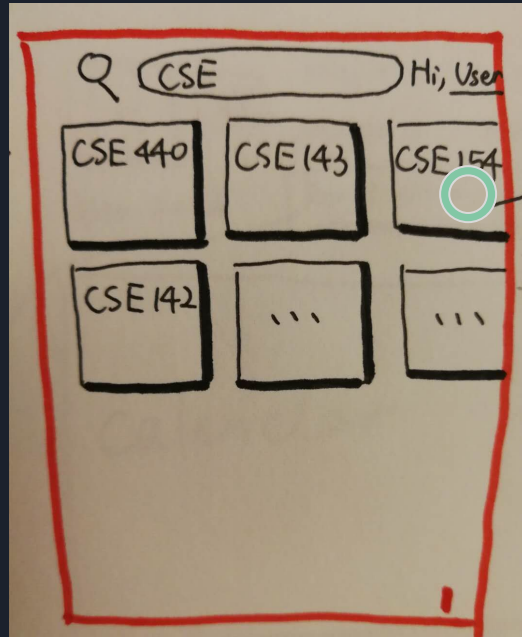
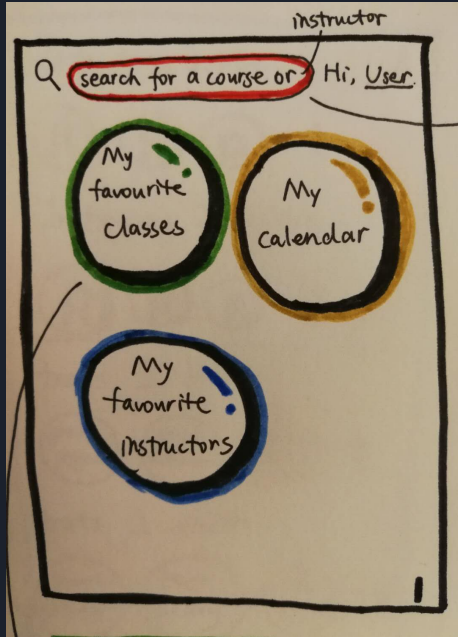
Reviews

5	name
4	
3	
2	name
1	

(+)

# Design 2 -- Search Courses

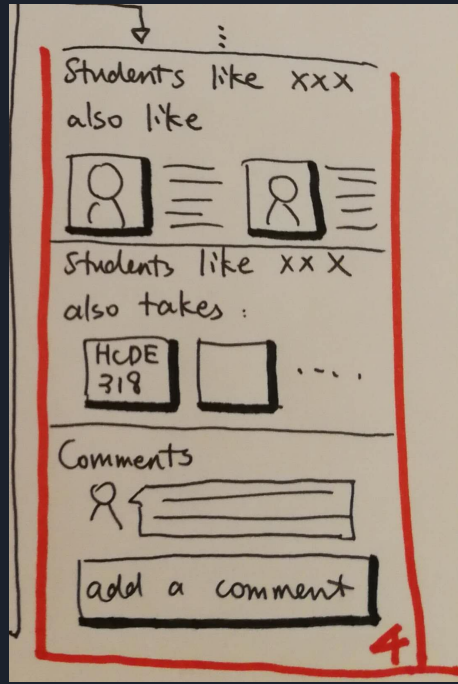
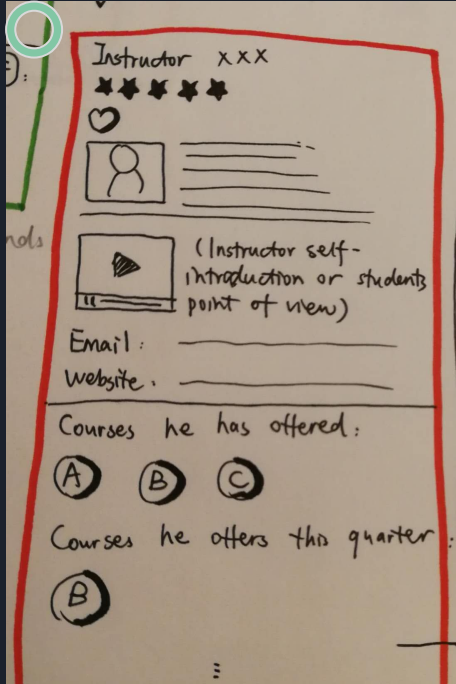
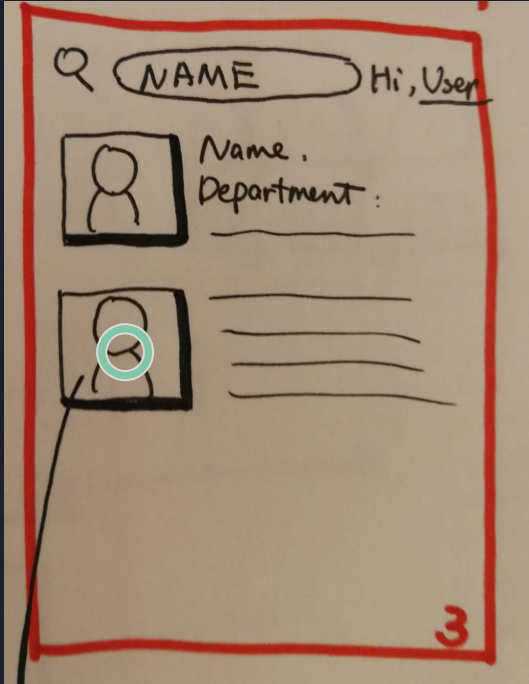
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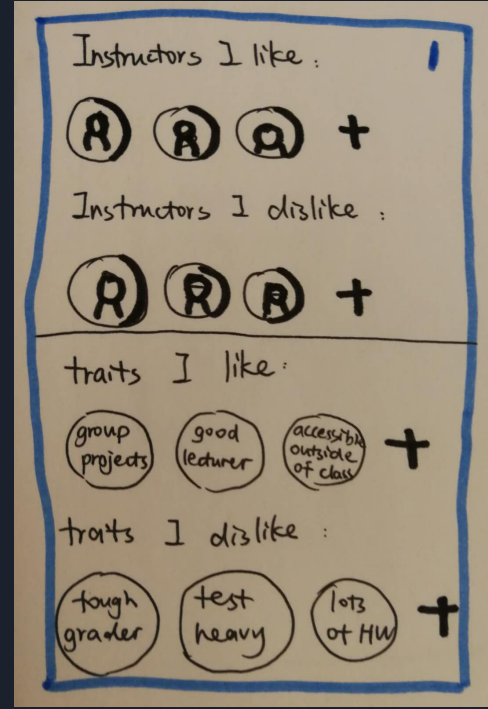
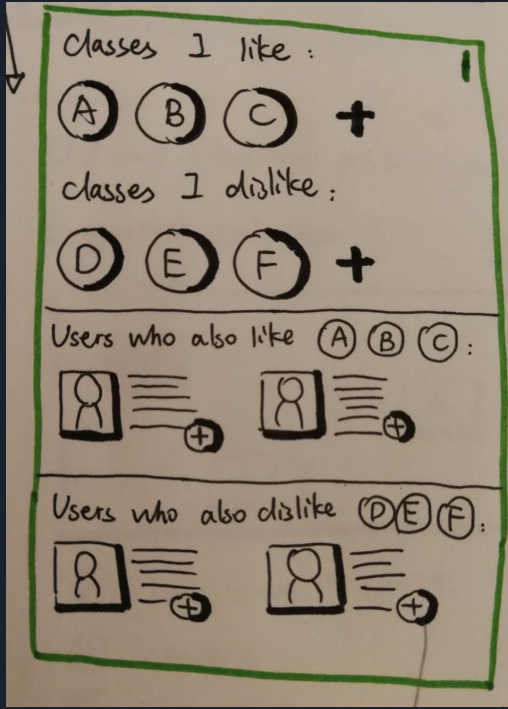
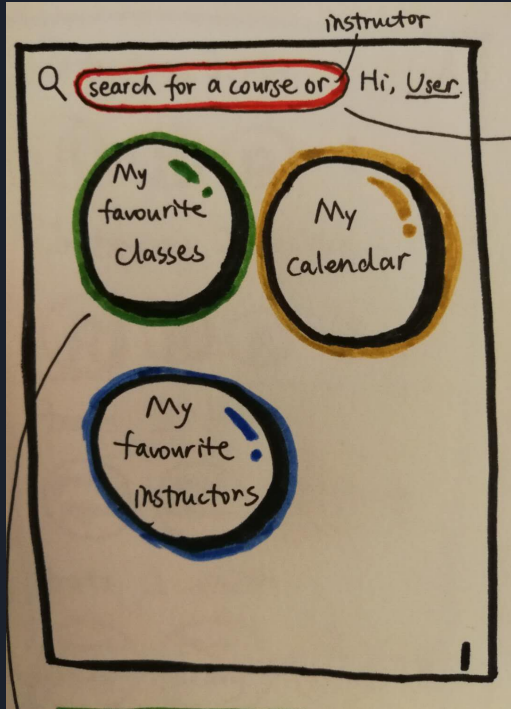
# Design 2 -- Search Instructor

1



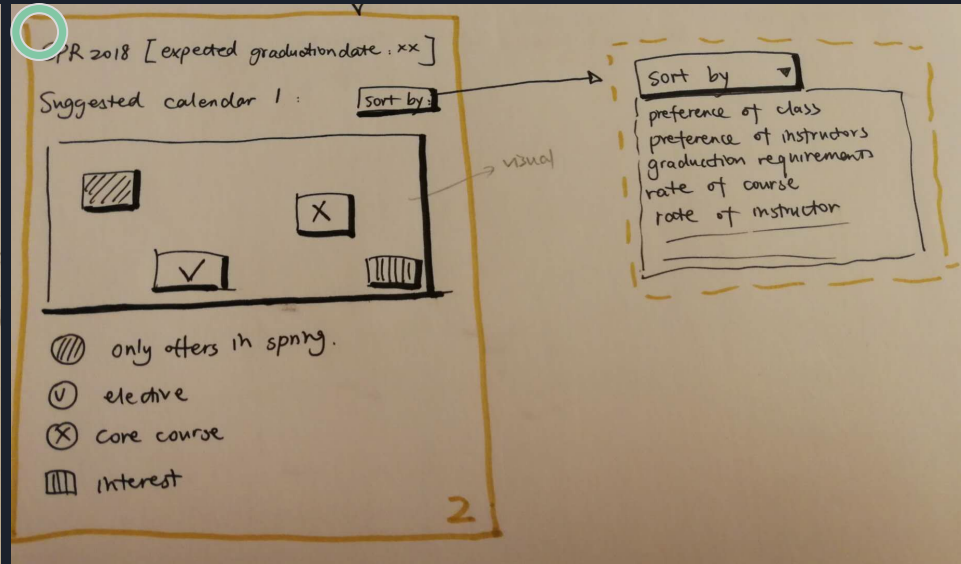
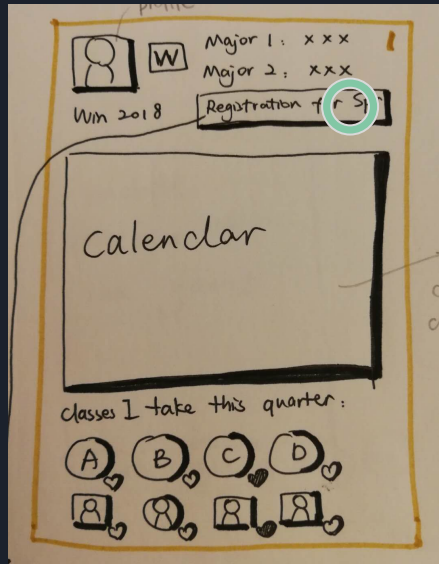
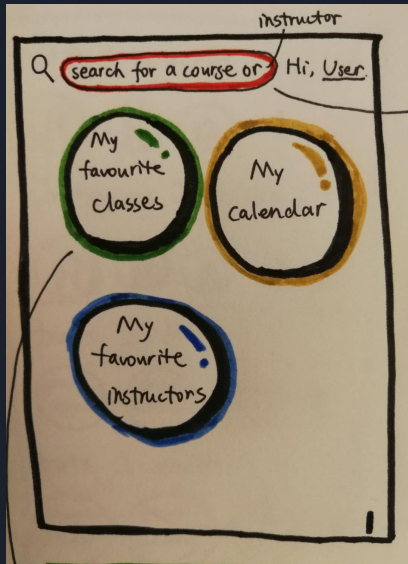
# Design 2 -- Favourite

2

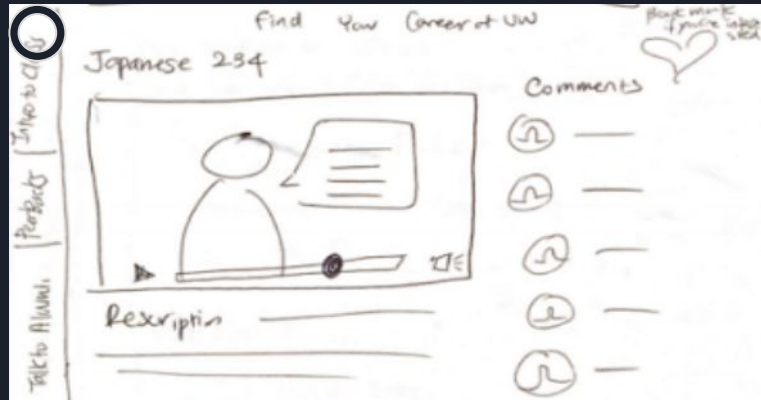
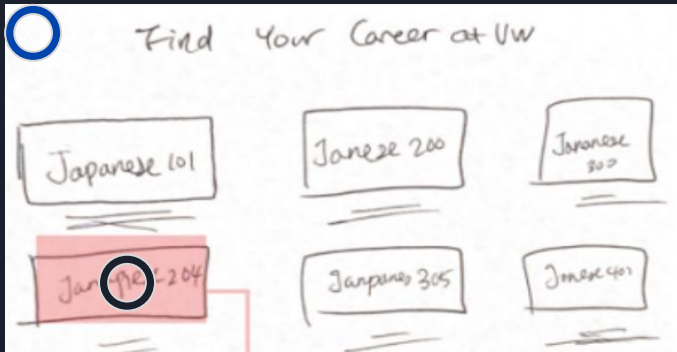
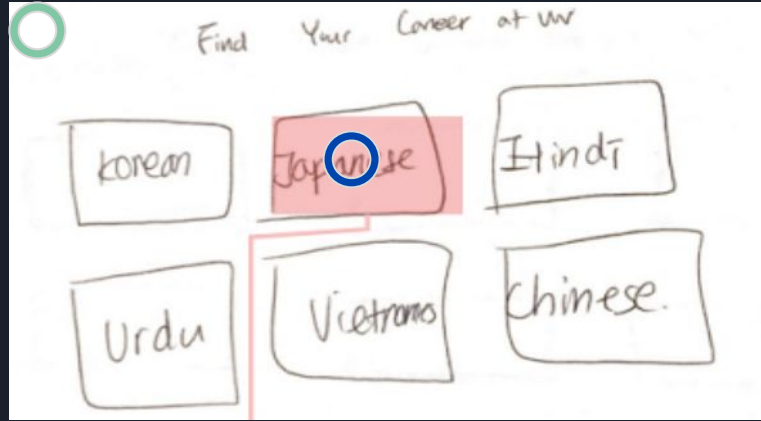
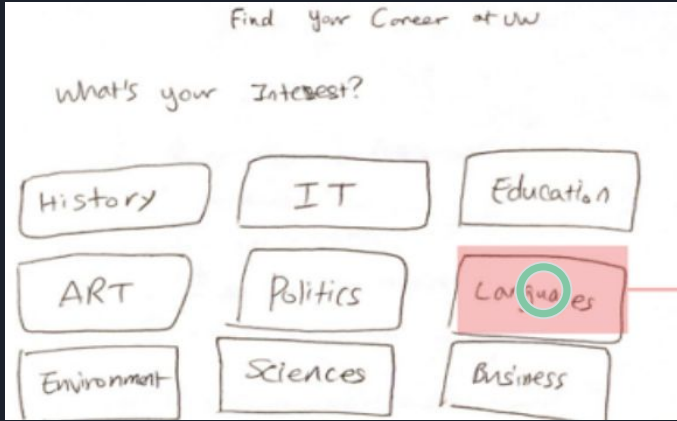


# Design 2 -- Calendar

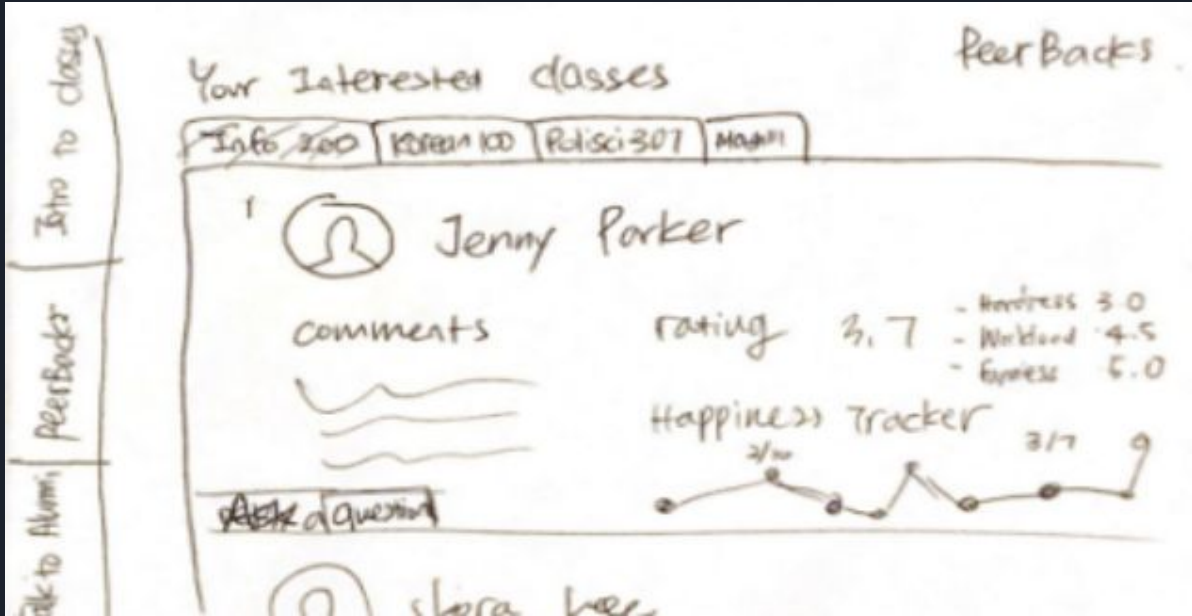
3



# Design 3 -- Introduction

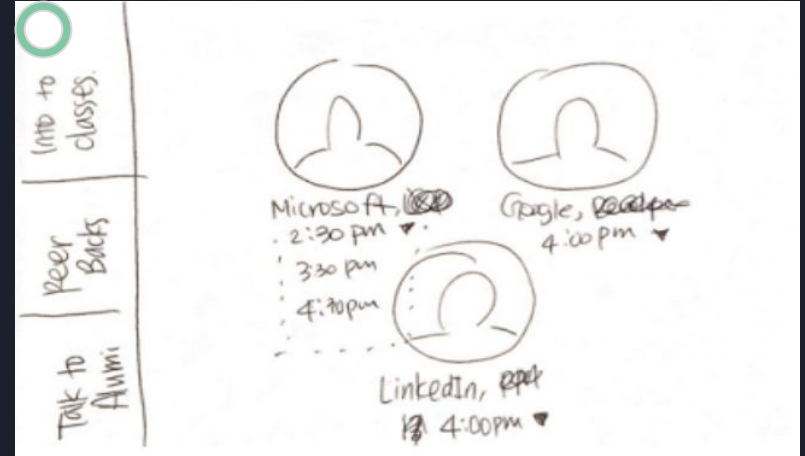
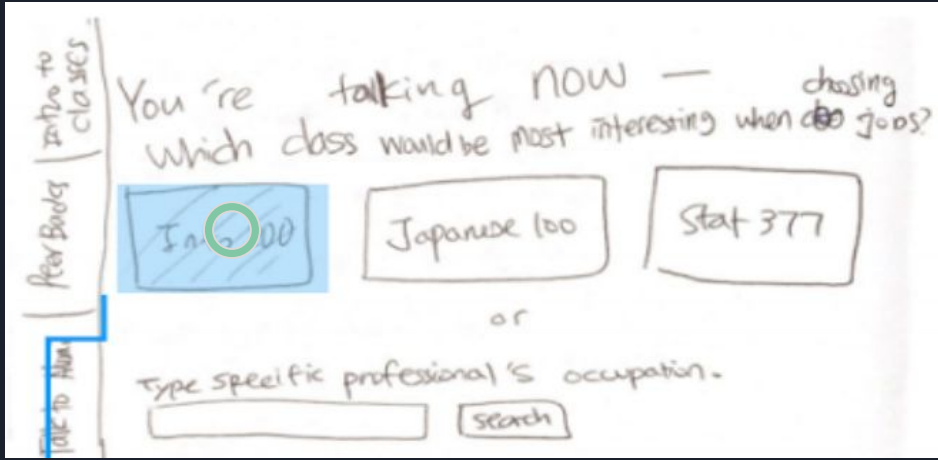


# Design 3 -- PeerBacks



# Design 3 -- Talk to Alumni

3



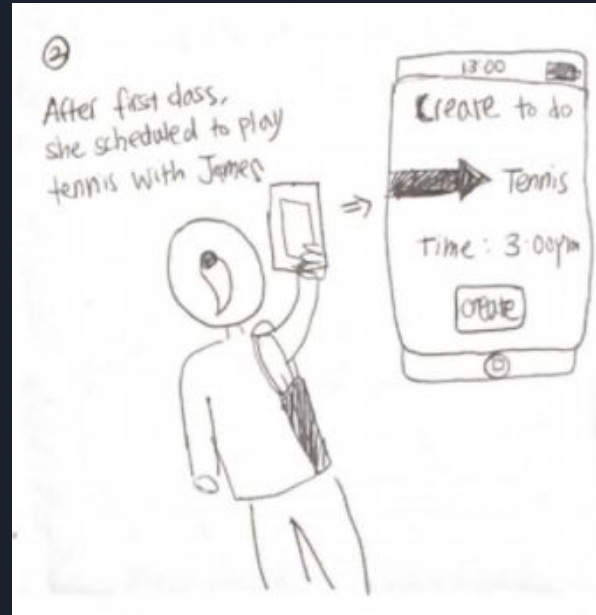
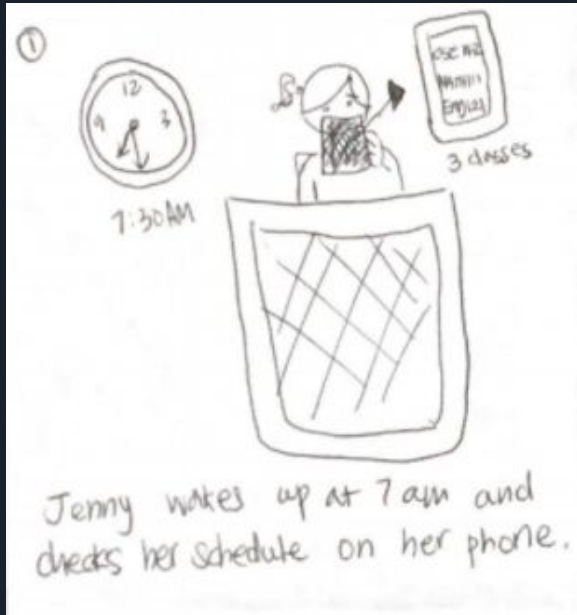


# Selected Design Storyboards and Tasks



# Task 1

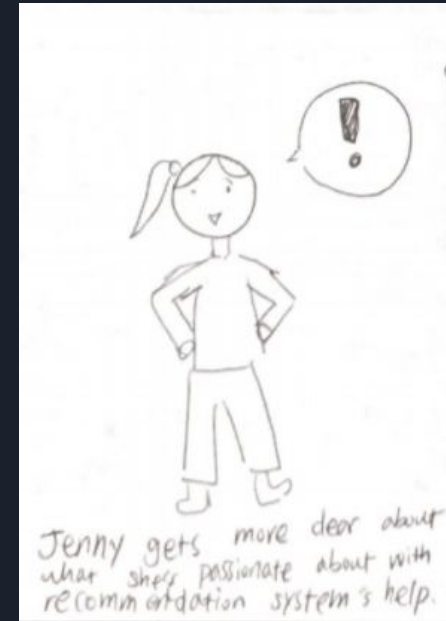
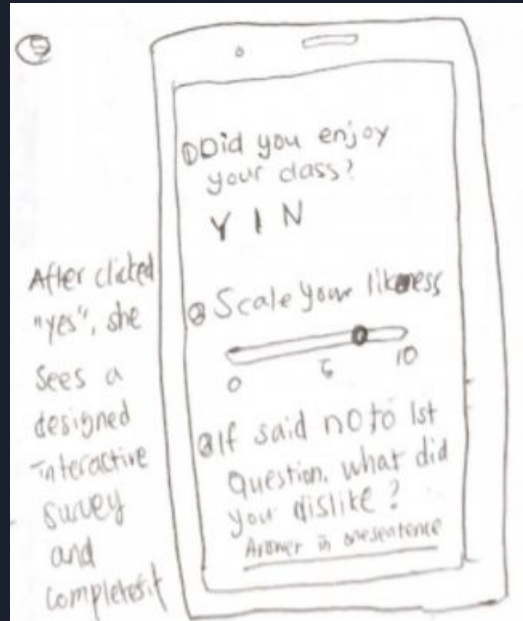
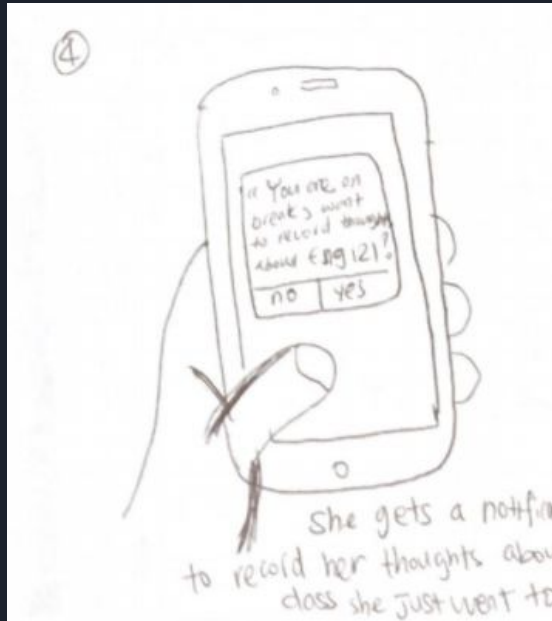
Tracking thoughts and ideas to synthesize achievable goals and understand what he actually is passionate about





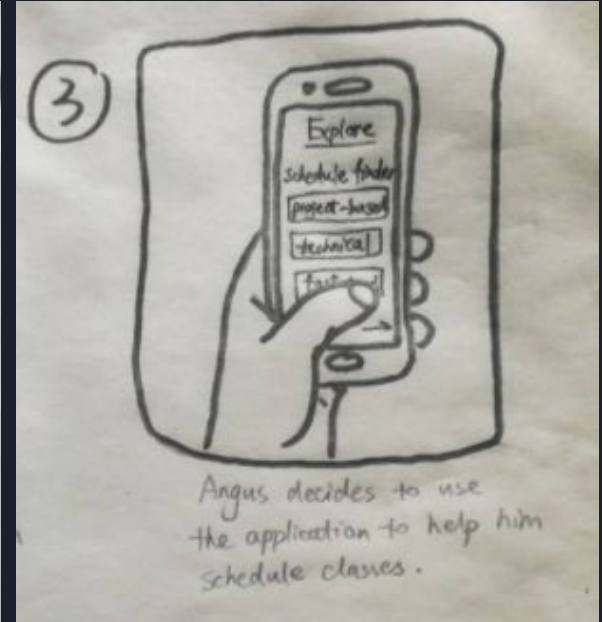
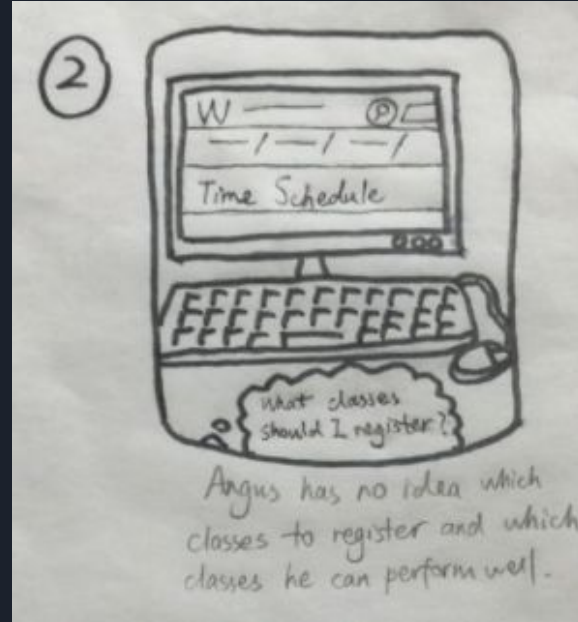
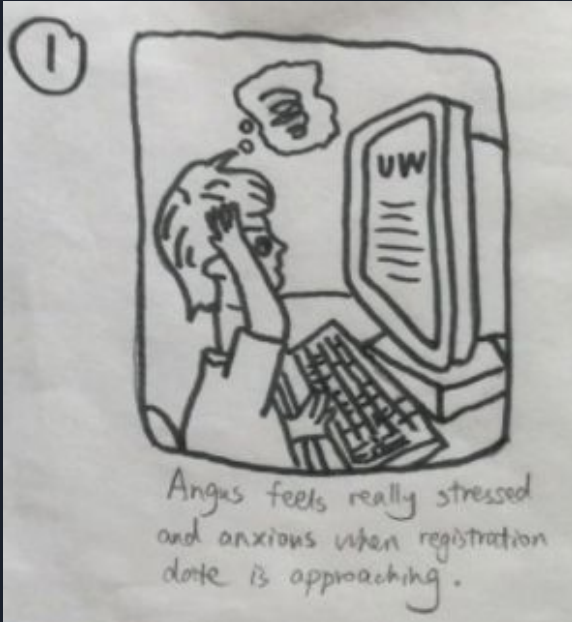
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## Task 2

Structuring schedule such that academic needs are met



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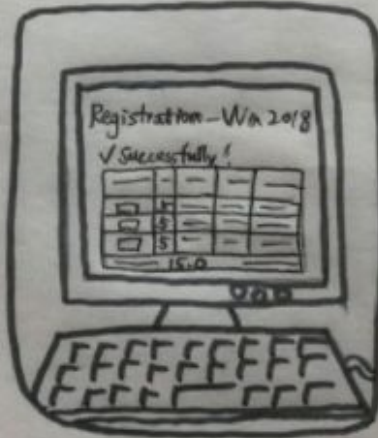
Structuring schedule such that academic needs are met

4



He chooses to find classes which are fast-paced and related by his interest based on his feedback from previous quarters.

5



Based on suggestions from the app, Angus chose info 201 and HCDE 310 which are fast-paced and related to "programming" and "challenging materials".

6



Angus really likes the classes and performed quite well. He got an average 3.9 GPA at the end of the quarter.



# Summary

- Take a step back to find the real goals, needs and pain points of the participants behind what they told us.
- Avoid asking leading questions and making assumptions.
- If a design can help one person solve a specific problem, it can be a good design.



**Questions?**

