

Anne Aoki: storyboarding, design, user studies, writing

Alex Anderson: user studies, design

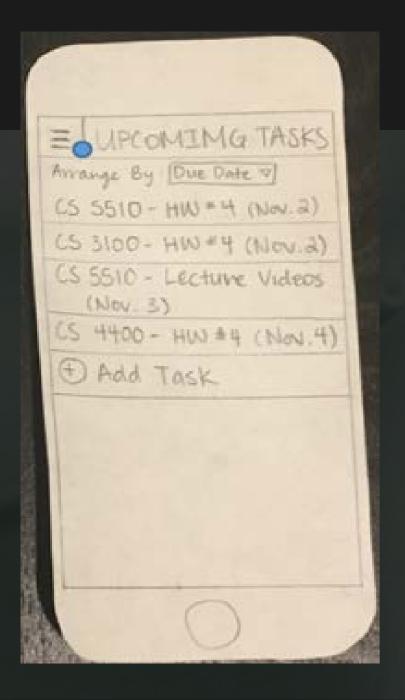
Matt Willden: ideation, writing, user studies

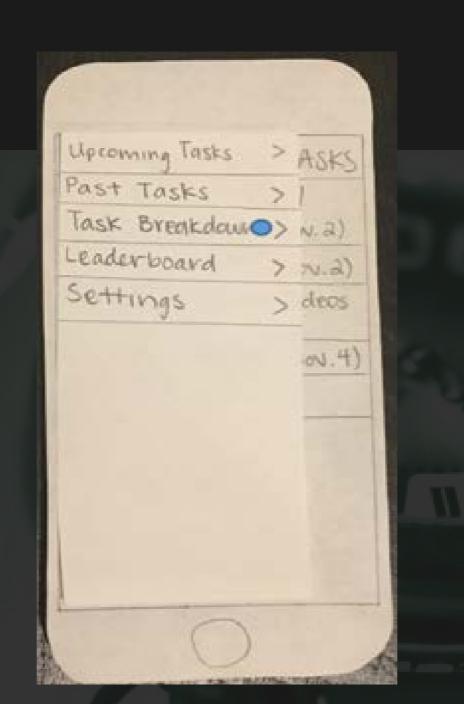
Brandon Tobin: storyboarding, user studies, design

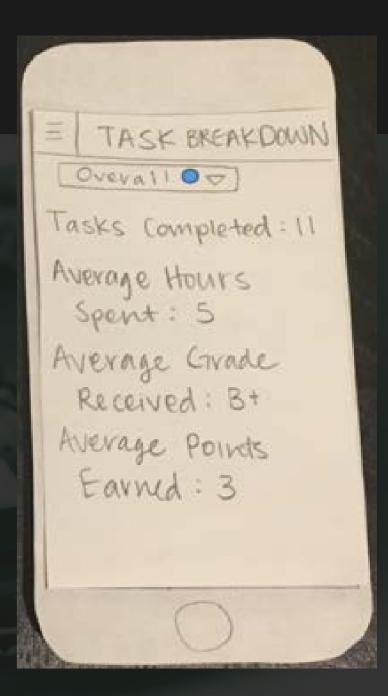
THE PROBLEM

- Students have a hard time staying on track while studying.
- Most students have some sort of way to plan their day but it's lacking.
- This leads to increased anxiety as well as poor grades.
- Students only use about 65% of their study time for on-task work.
- Most modern time tracking applications don't analyze how the user accomplishes their tasks or if they could have been completed more efficiently.

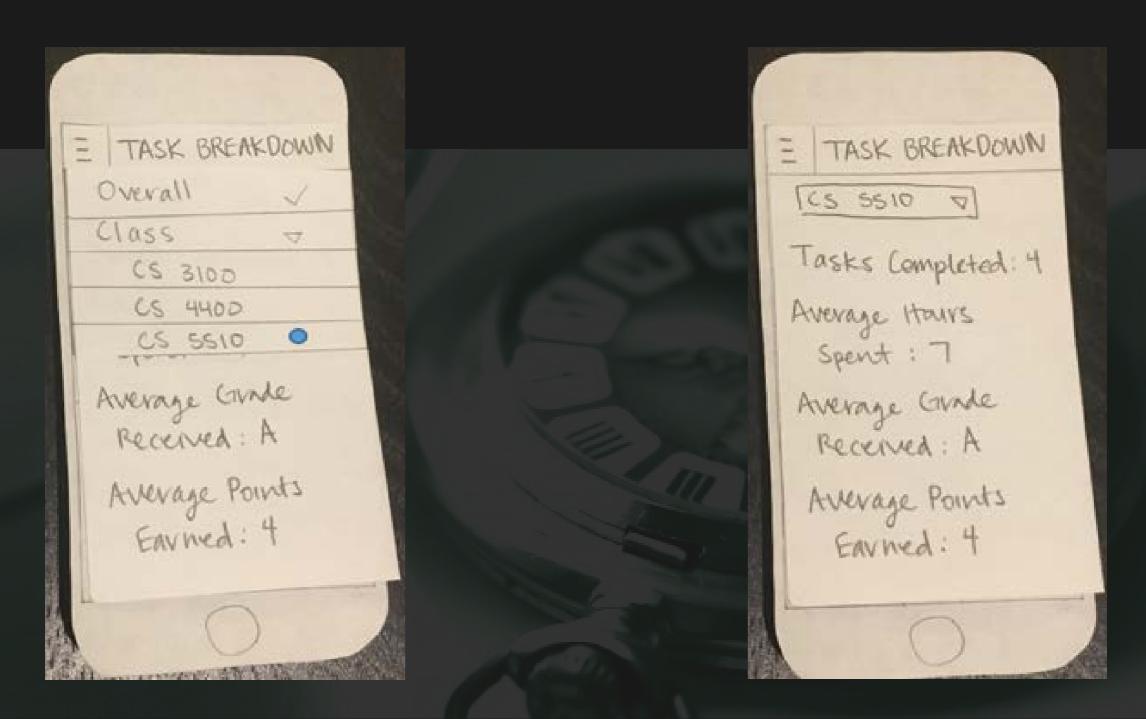
Reflecting on How Time Was Spent (1/2)



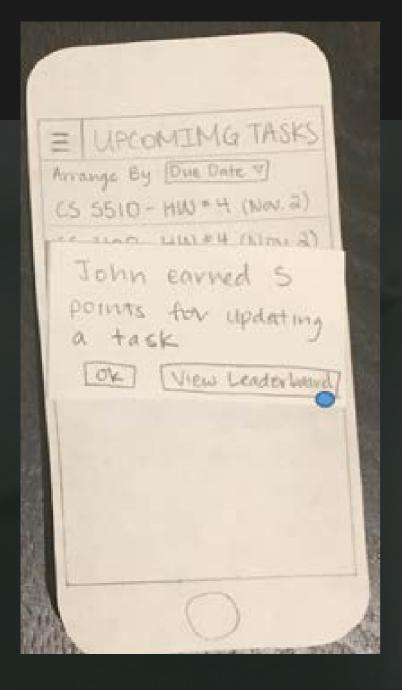


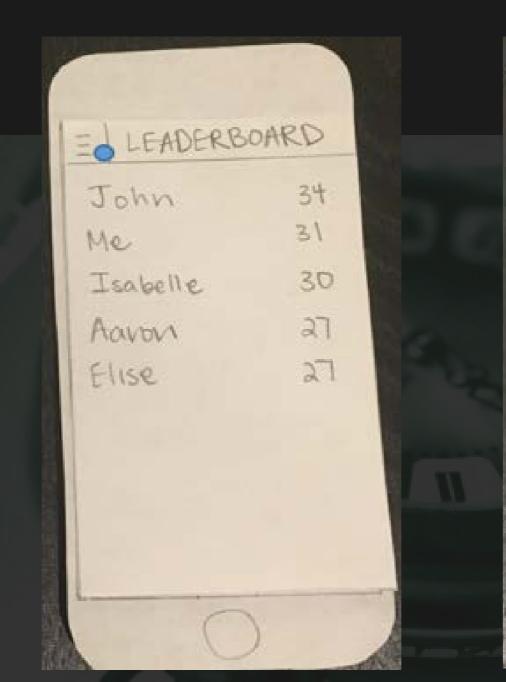


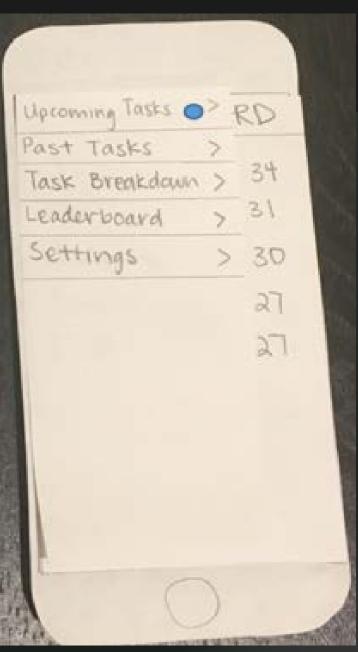
Reflecting on How Time Was Spent (2/2)



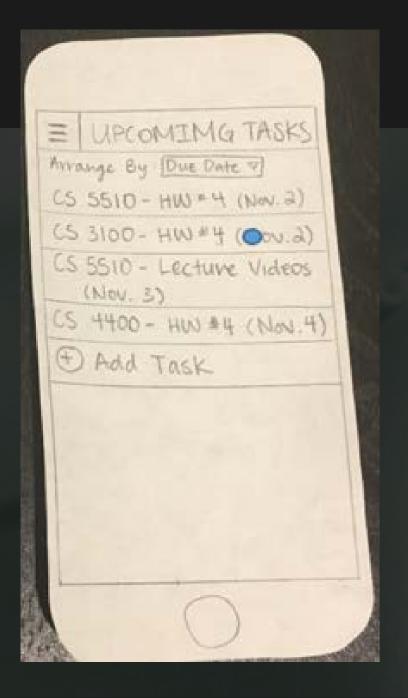
Finding an Incentive (1/6)

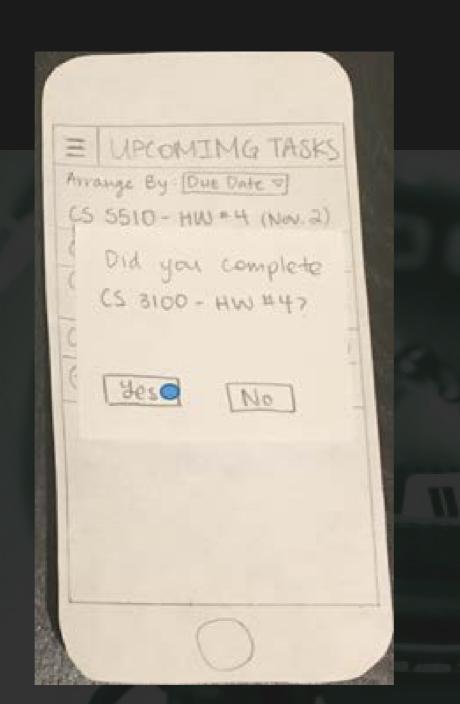


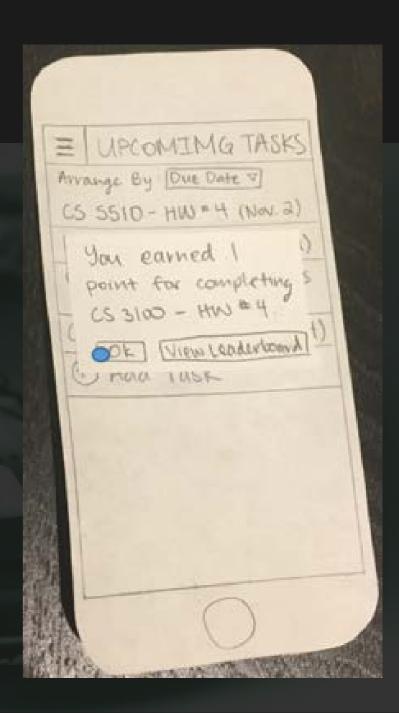




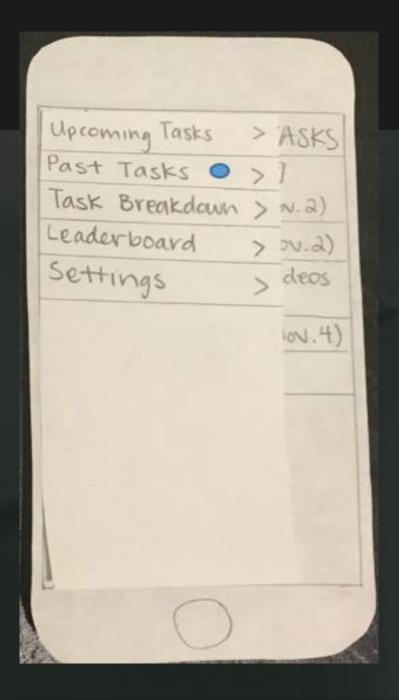
Finding an Incentive (2/6)

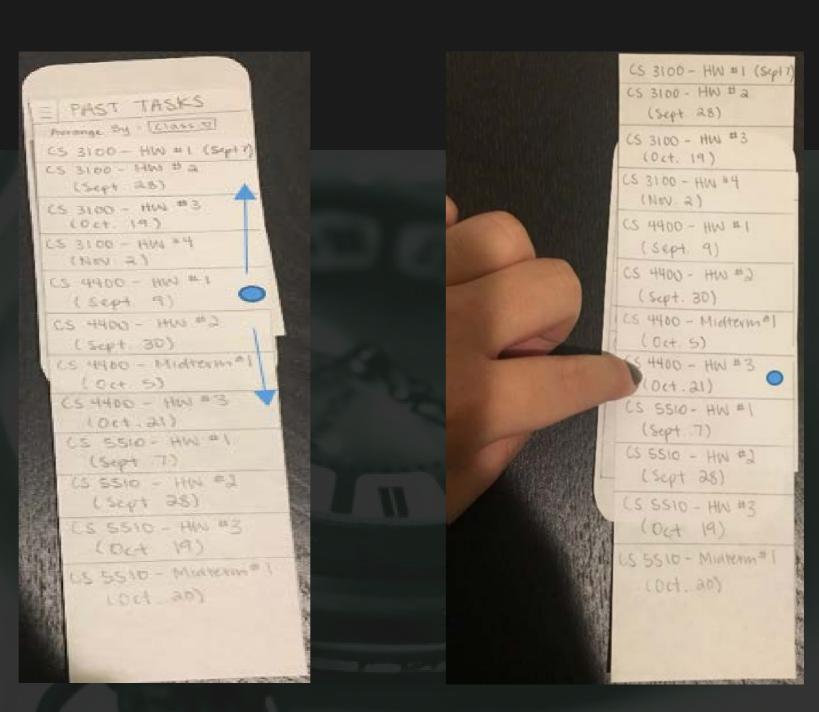




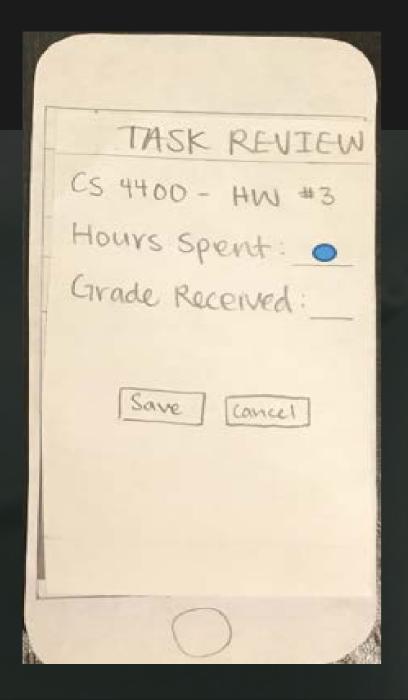


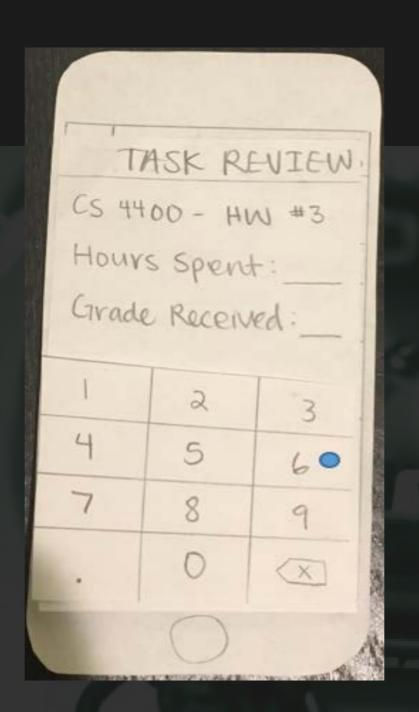
Finding an Incentive (3/6)

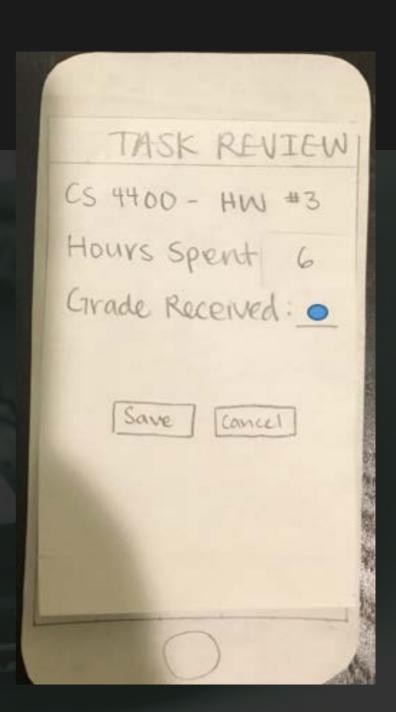




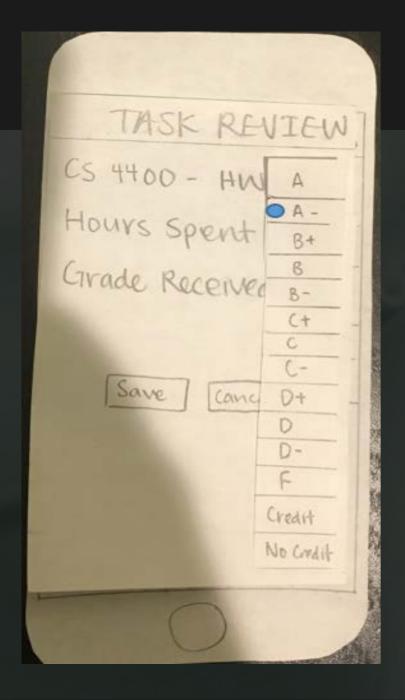
Finding an Incentive (4/6)

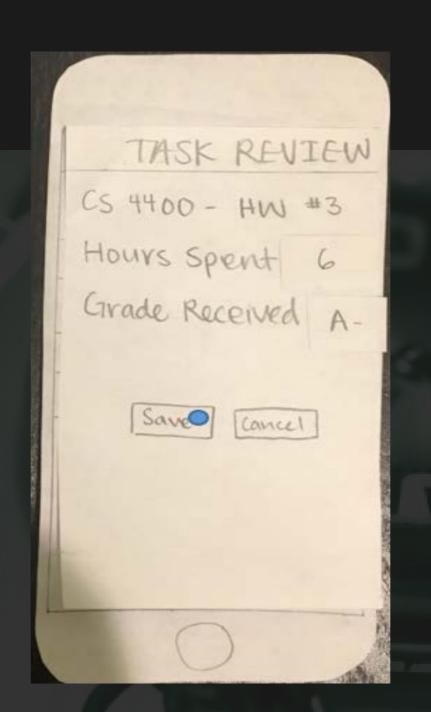


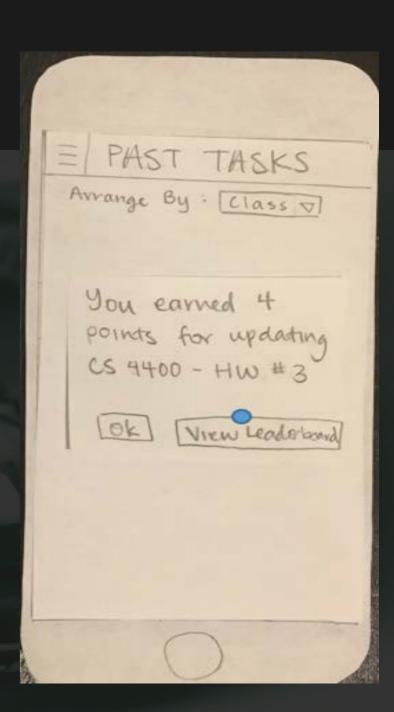




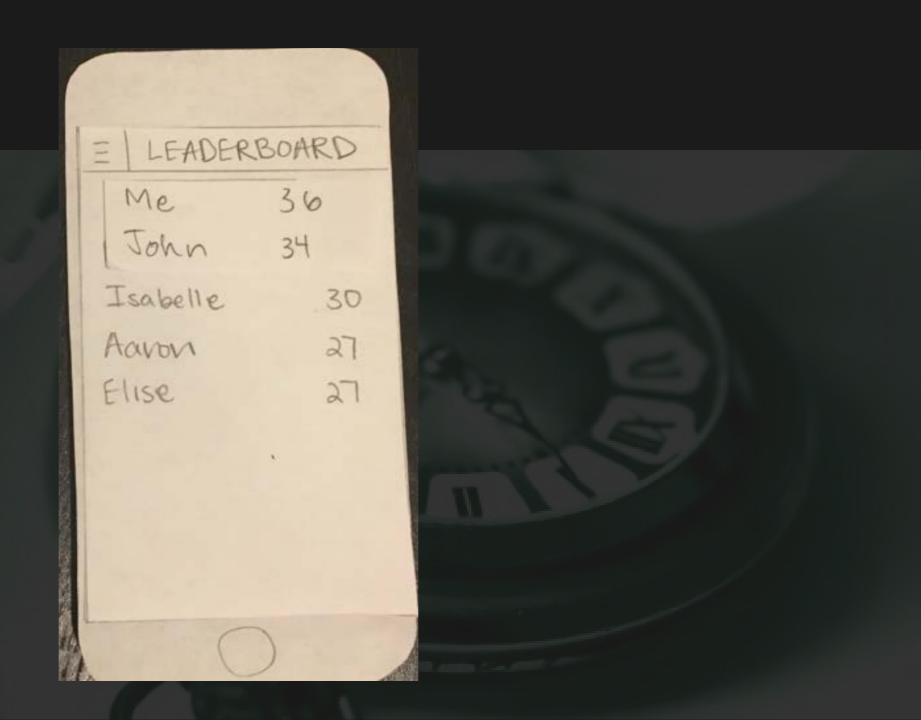
Finding an Incentive (5/6)







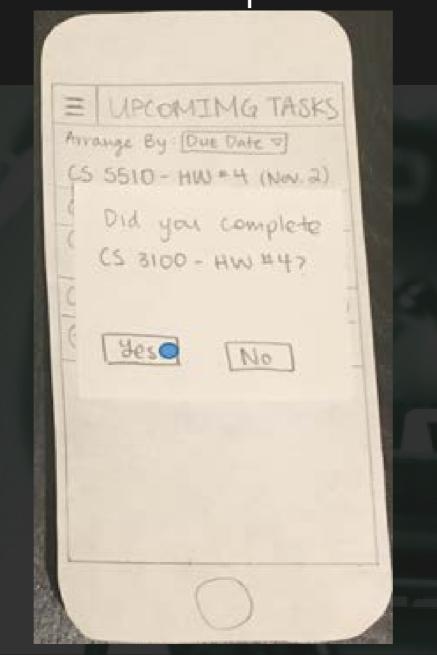
Finding an Incentive (6/6)



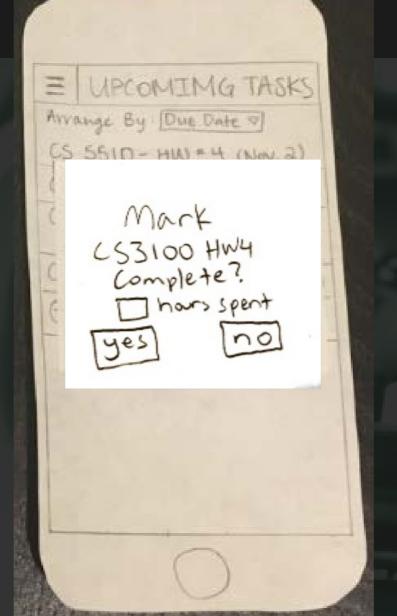
Violations

- The user should be able to add time spent on a task when marking the task complete.
- The user cannot delete an upcoming task.
- The user cannot delete a past task.

The user should be able to add time spent on a task when marking the task complete.

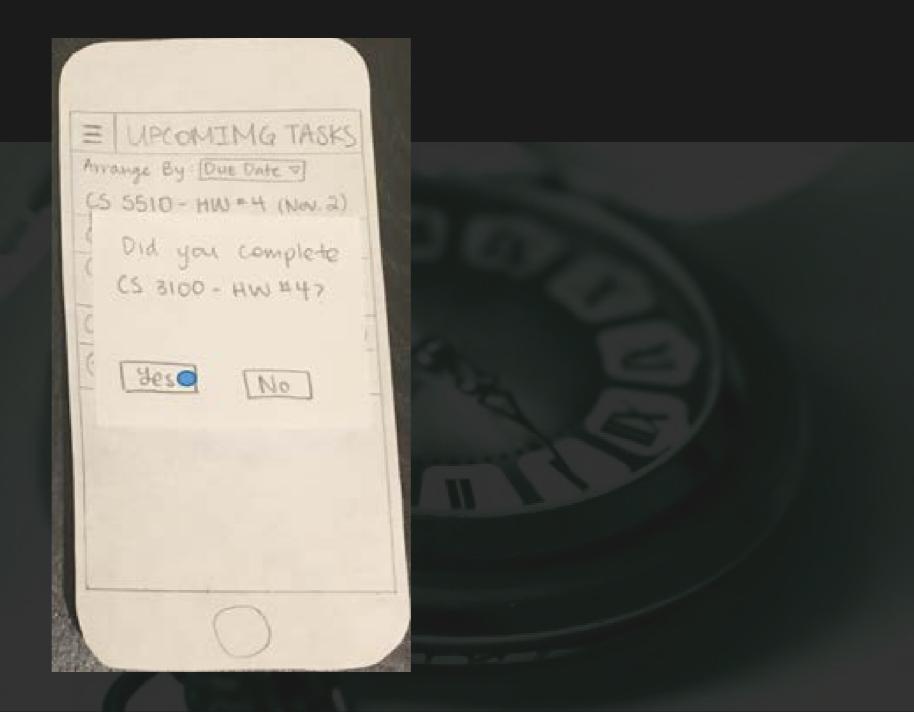


The user should be able to add time spent on a task when marking the task complete.

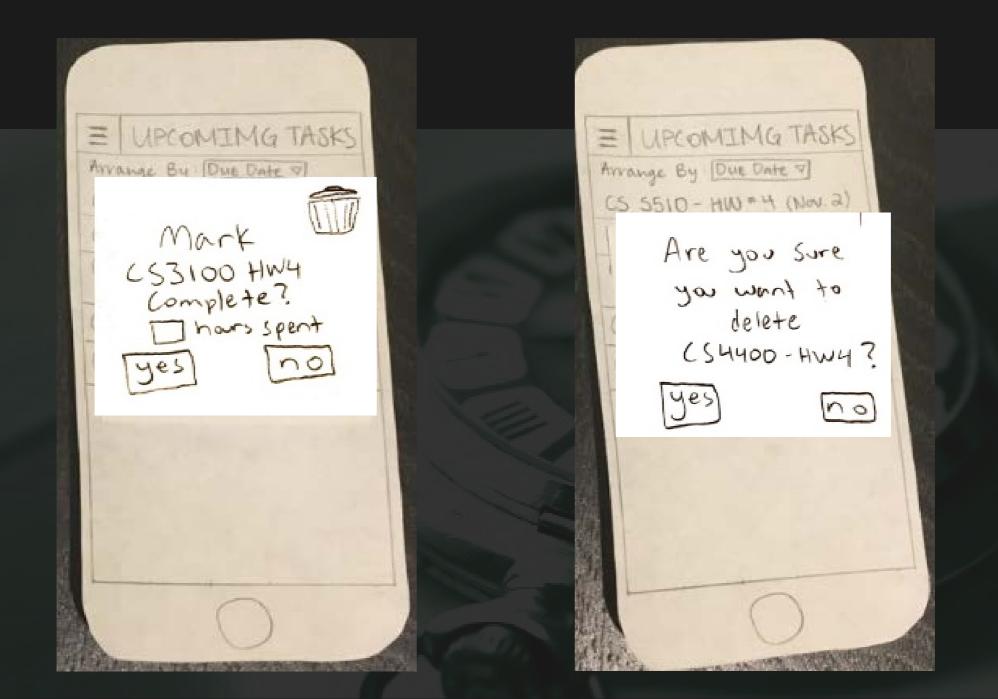




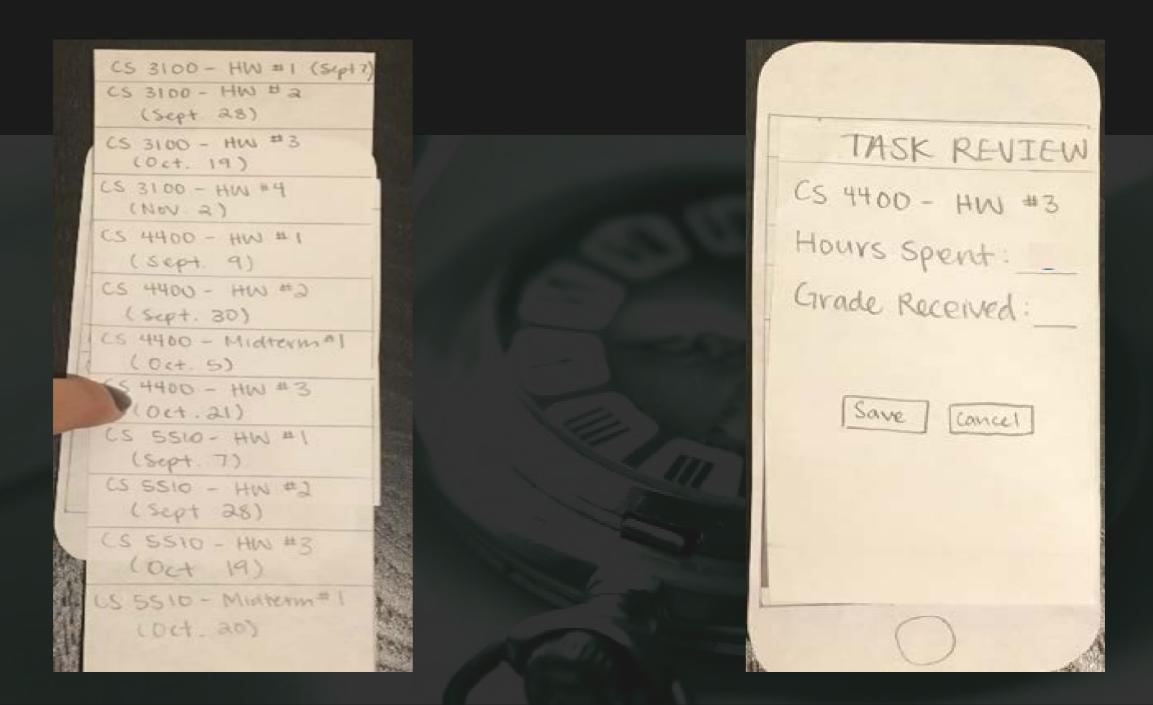
The user cannot delete an upcoming task.



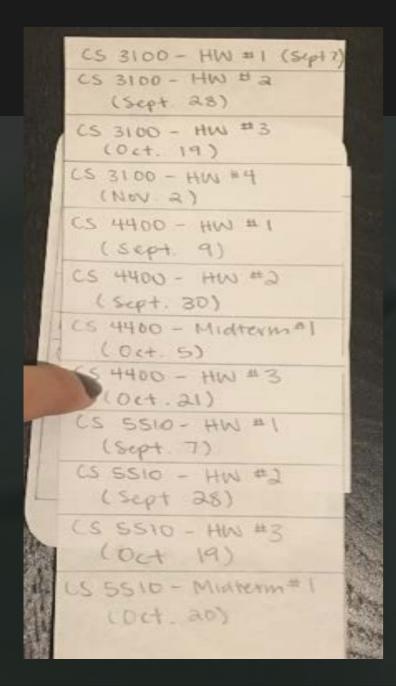
The user cannot delete an upcoming task.

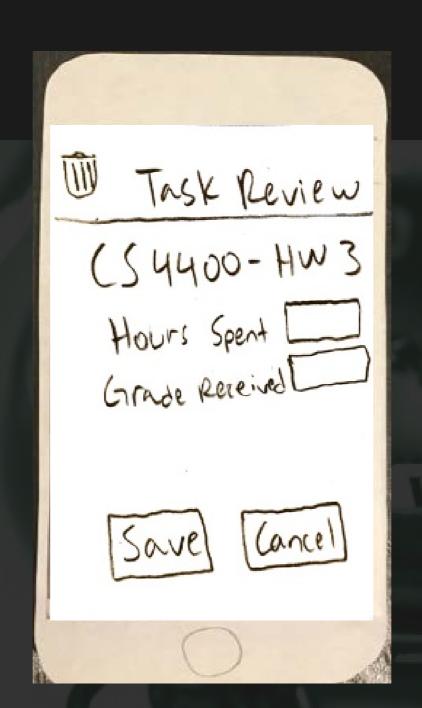


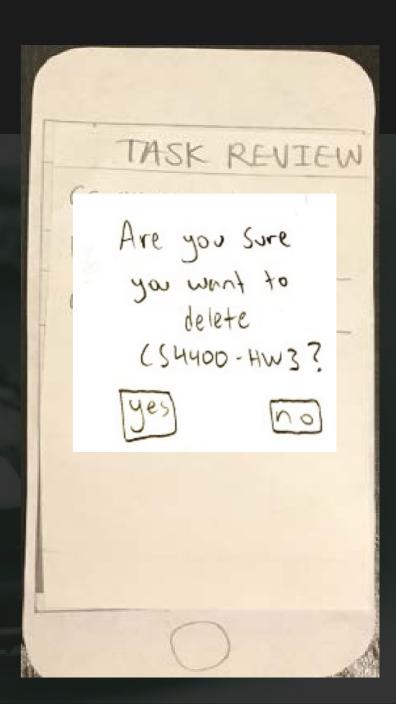
The user cannot delete a past task.



The user cannot delete a past task.







TESTING OVERVIEW

Methodology & Approach

- Approached students in the Undergrad Lab and Marriott Library
- Computer: Anne/Brandon
- Facilitator: Anne/Brandon
- Observer: Alex and Matt

Participants

- Student 1: Computer Science Major
- Student 2: Mechanical Engineering Major
- Student 3: English Major

TESTING PROCESS

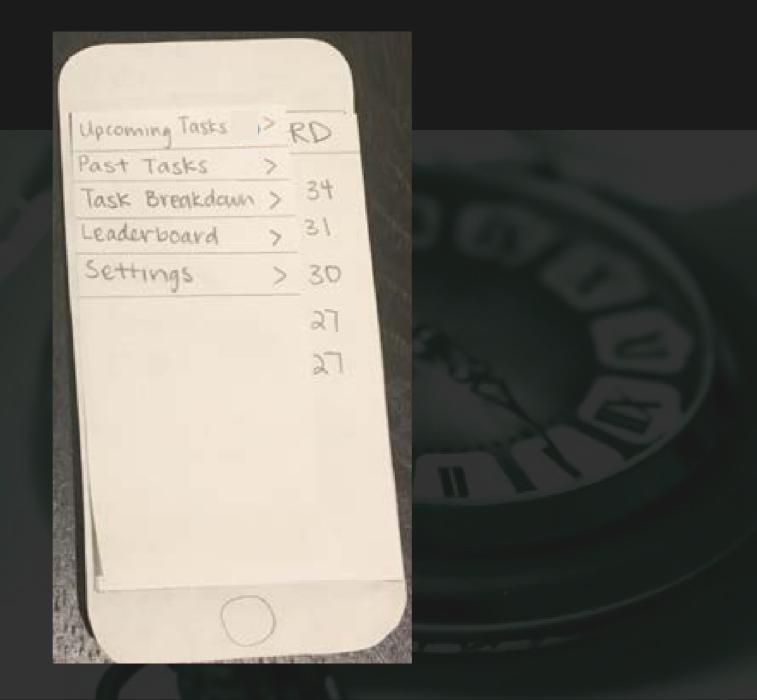
Prompted Tasks

- Add a task to the "Upcoming Tasks" screen.
- Add a class to the class roster.
- Mark an upcoming task as complete.
- Add the grade received to a past task.
- View the task breakdown for a specific class.

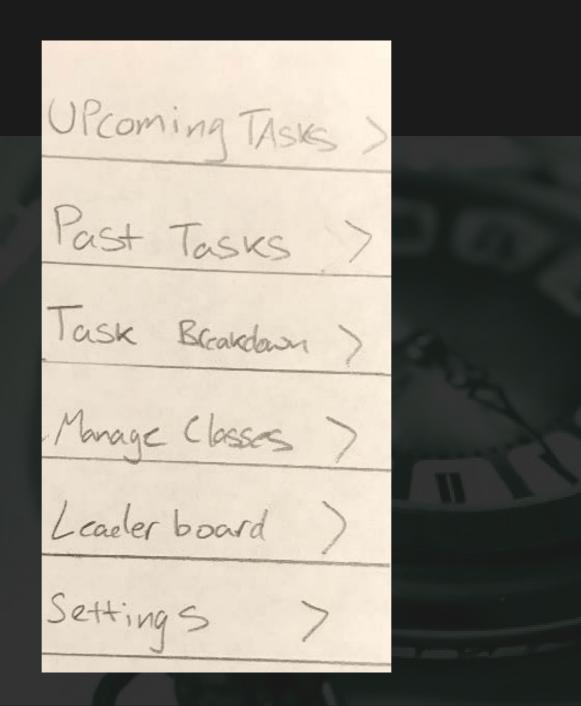
TESTING RESULTS

- The user found it difficult to add/remove classes.
- The user cannot link a task with a specific class.
- The user cannot determine which tasks have been graded on the "Past Tasks" screen.
- The user cannot edit the information for an upcoming task.
- The user should confirm a task has been completed before adding time spent.

The user found it difficult to add/remove classes.



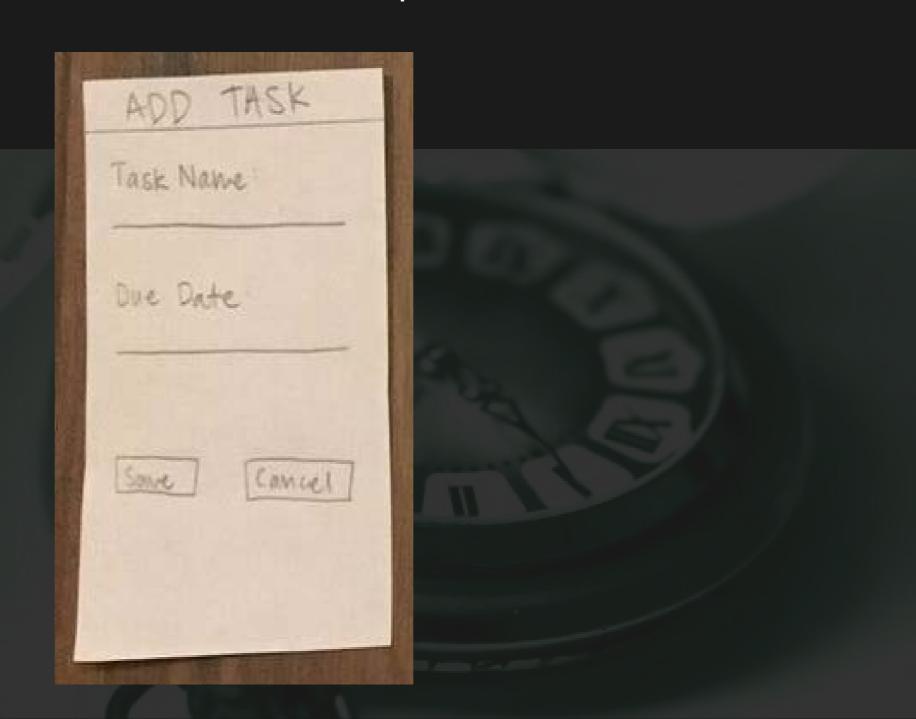
The user found it difficult to add/remove classes



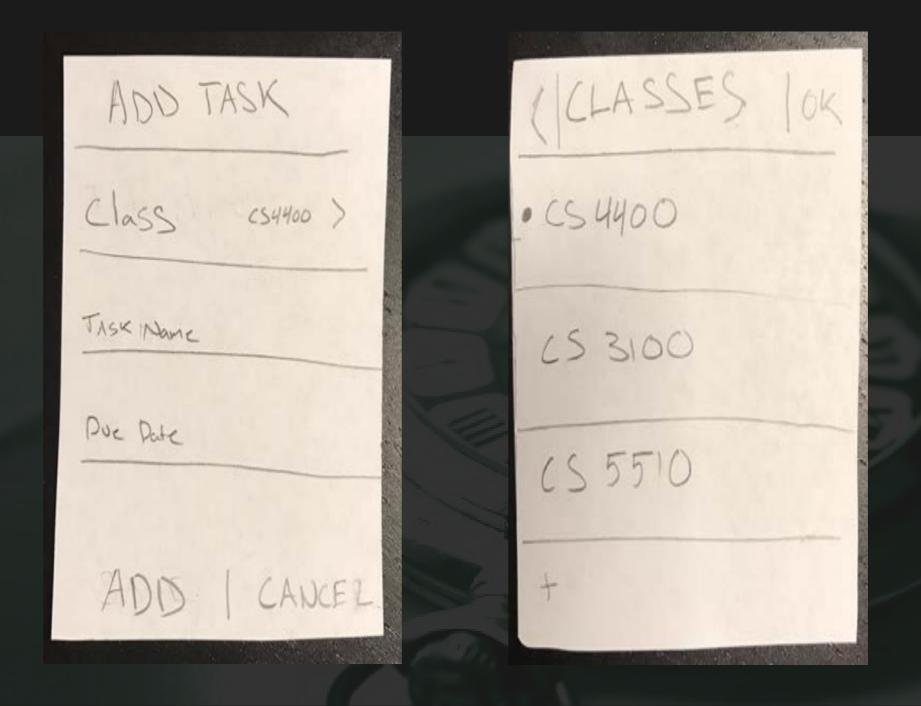
Learned about general testing process:

- Give background information about the application.
- Ask the participant to talk through thought process.

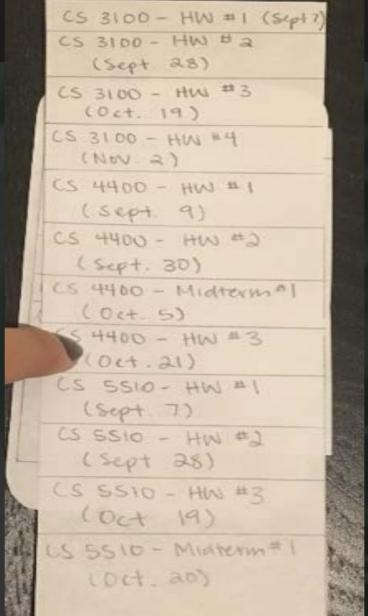
The user cannot link a task with a specific class.



The user cannot link a task with a specific class.

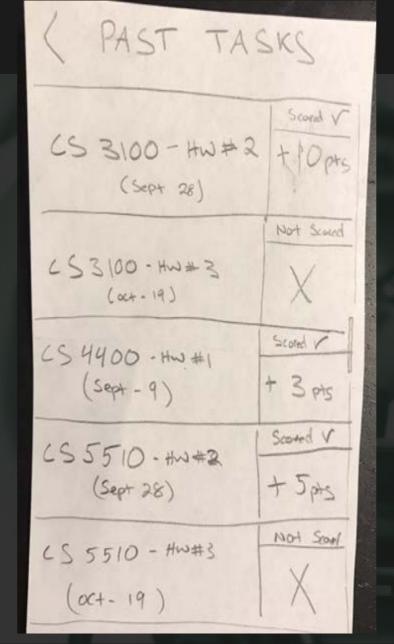


The user cannot determine which tasks have been graded on the "Past Tasks" screen.





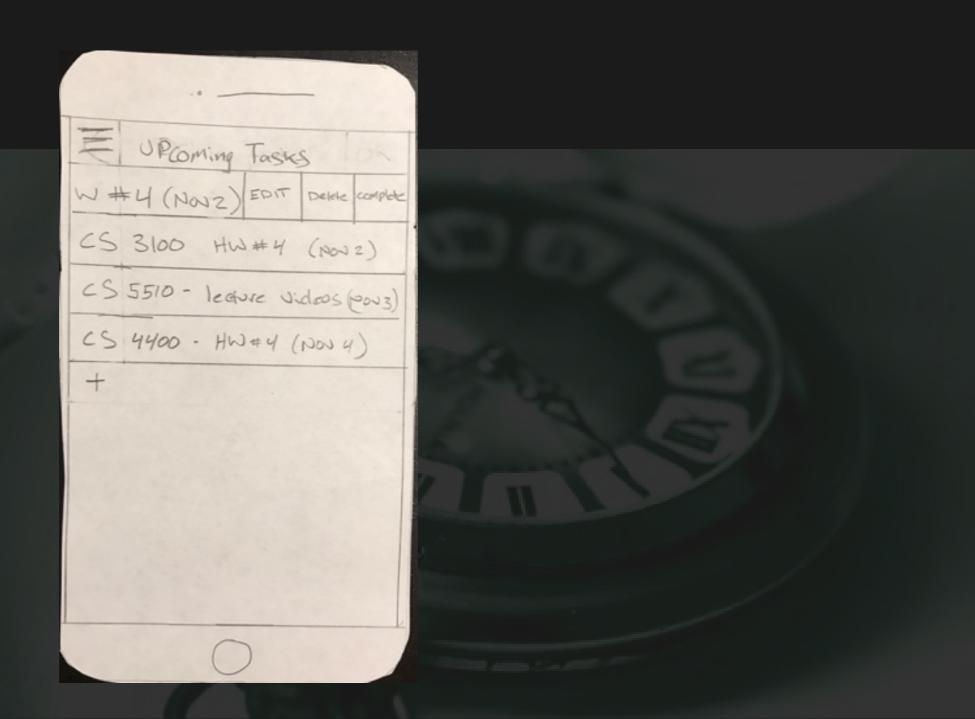
The user cannot determine which tasks have been graded on the "Past Tasks" screen.



The user cannot edit information for an upcoming task.



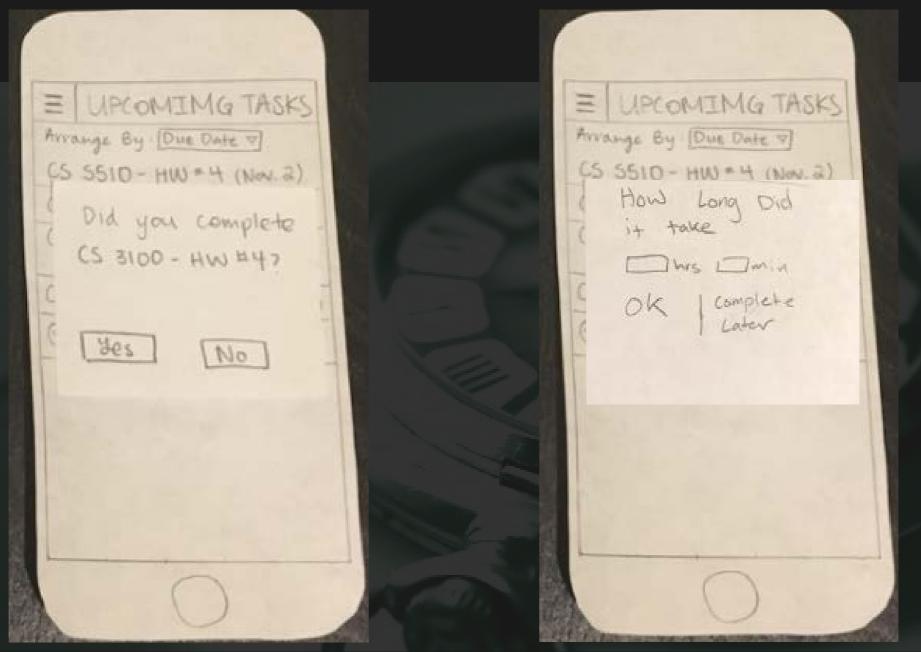
The user cannot edit information for an upcoming task.



The user should confirm a task has been completed before adding time spent.



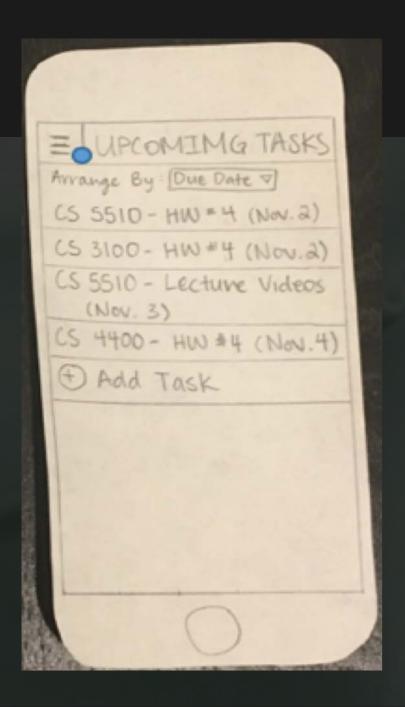
The user should confirm a task has been completed before adding time spent.

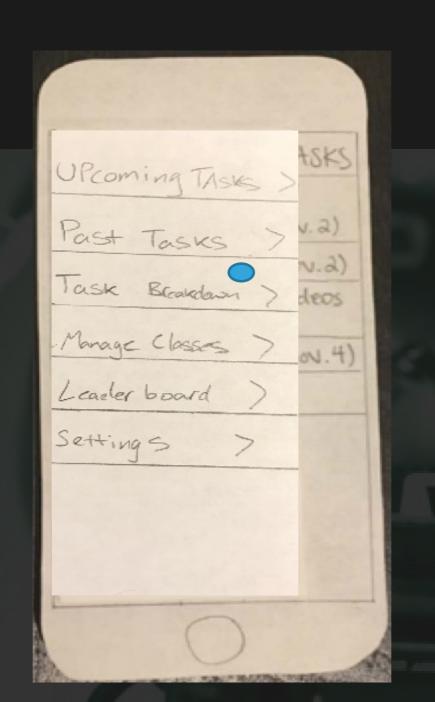


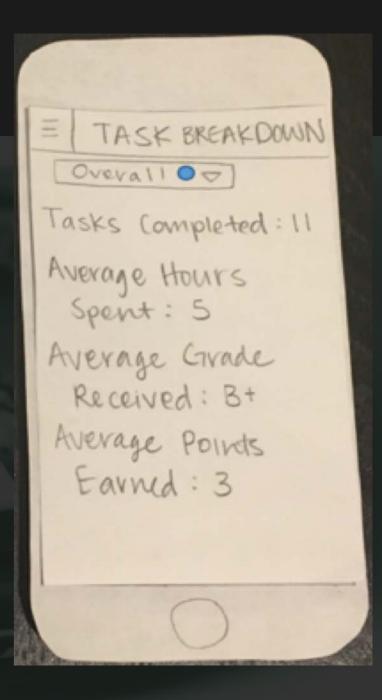
TESTING RESULTS: UNREVISED ISSUES

- The user does not know how to exit out of the number pad.
- The user cannot manage the leaderboard.

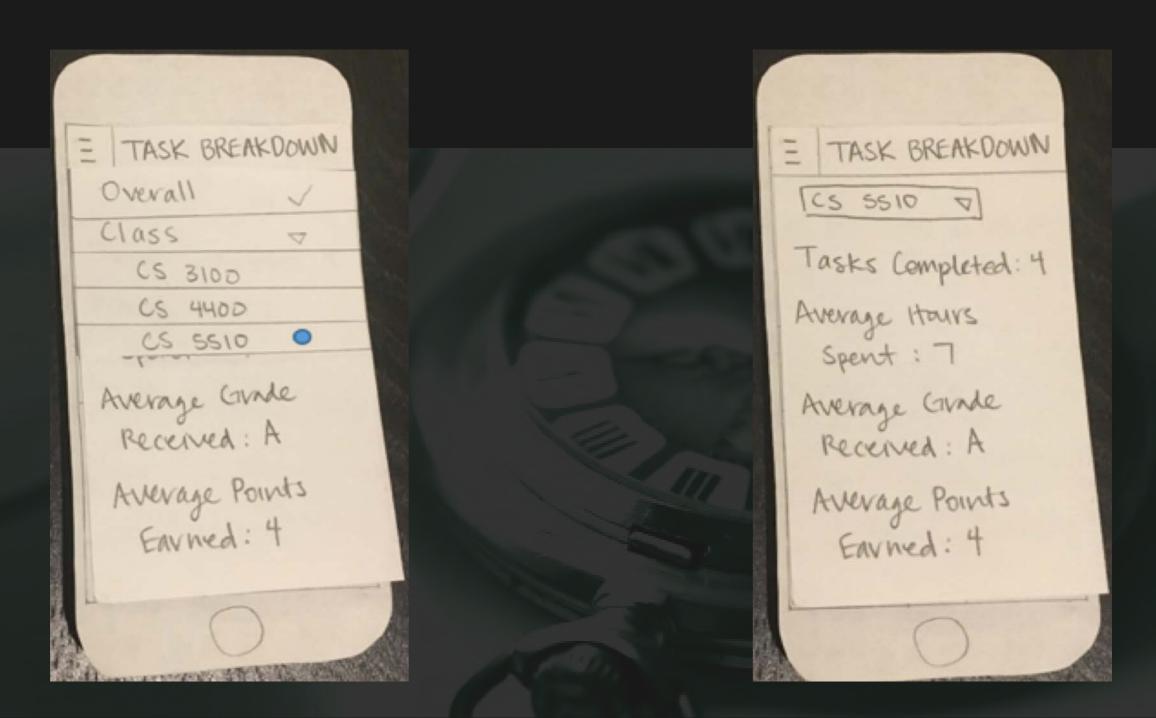
Reflecting on How Time Was Spent (1/2)



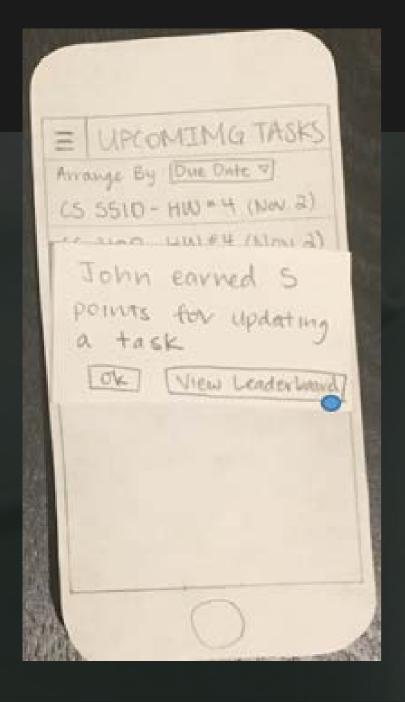


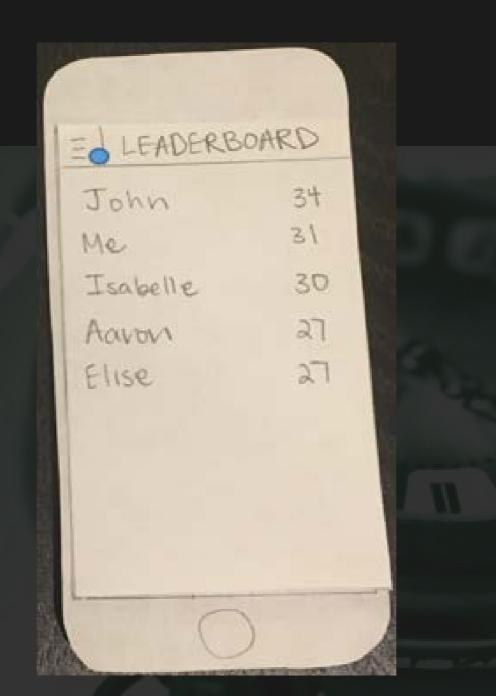


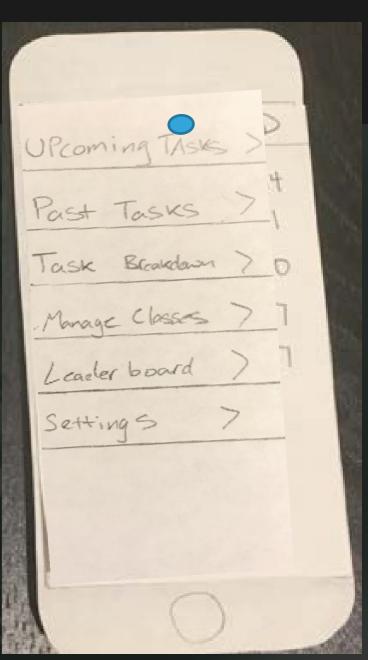
Reflecting on How Time Was Spent (2/2)



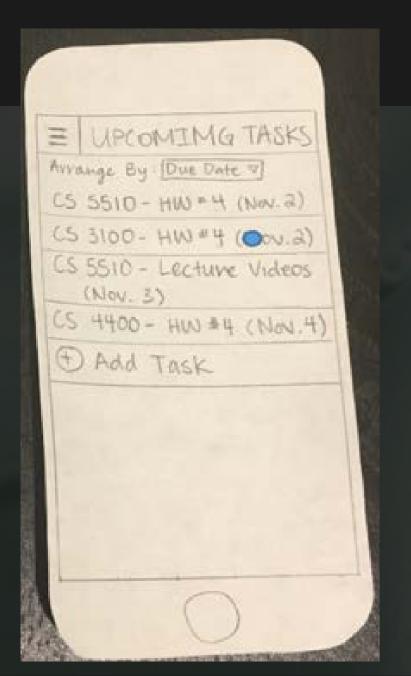
Finding an Incentive (1/6)

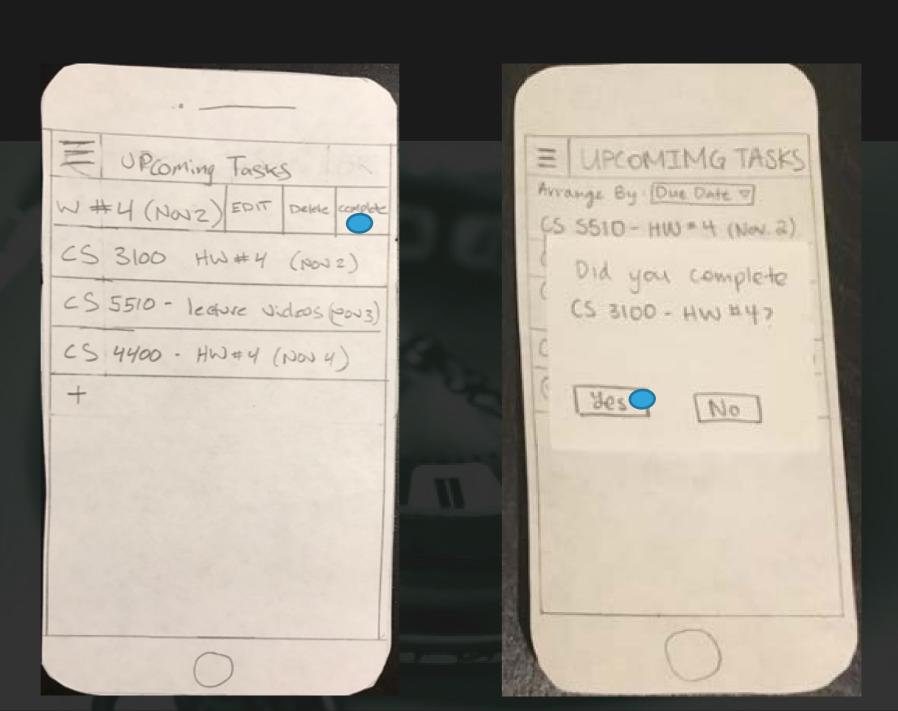




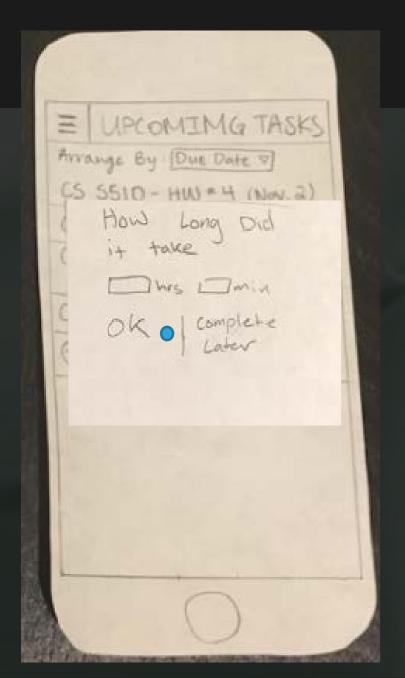


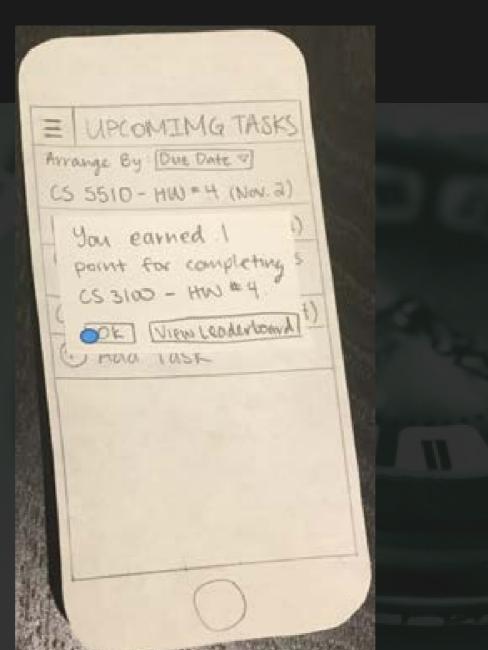
Finding an Incentive (2/6)

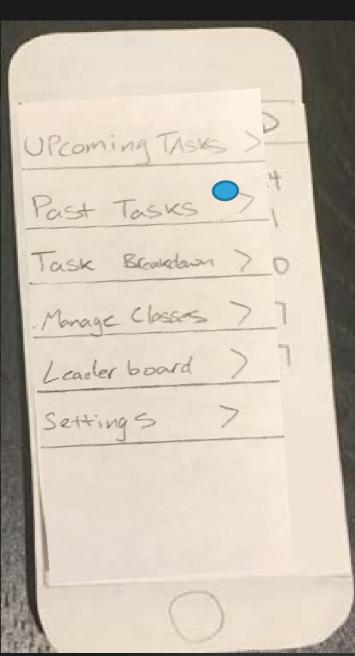




Finding an Incentive (3/6)

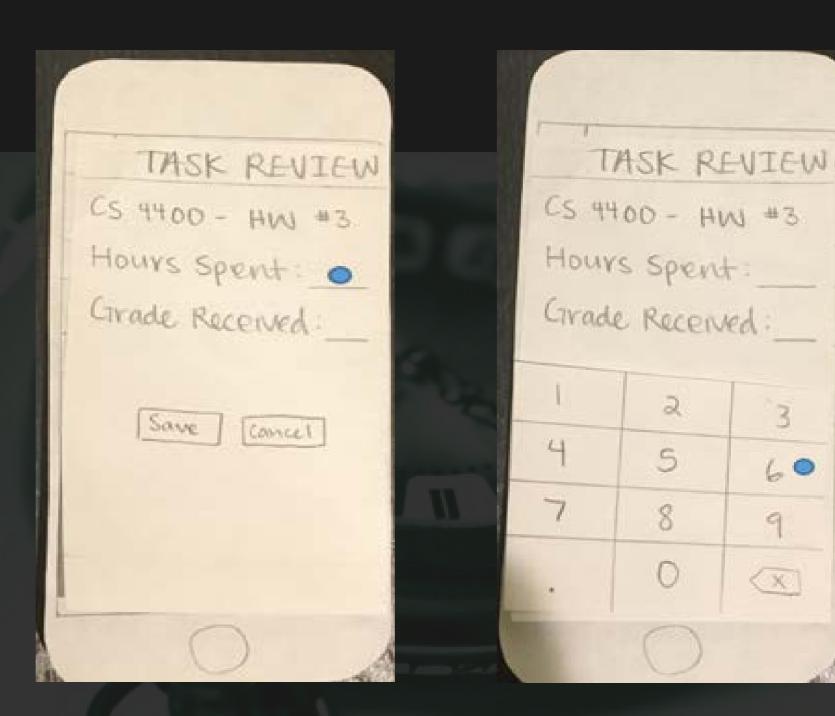




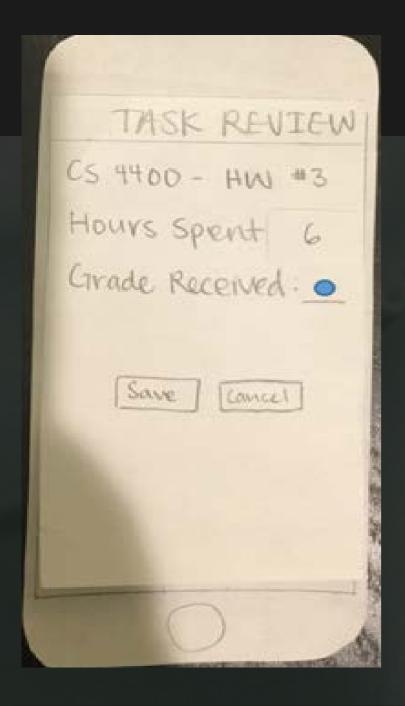


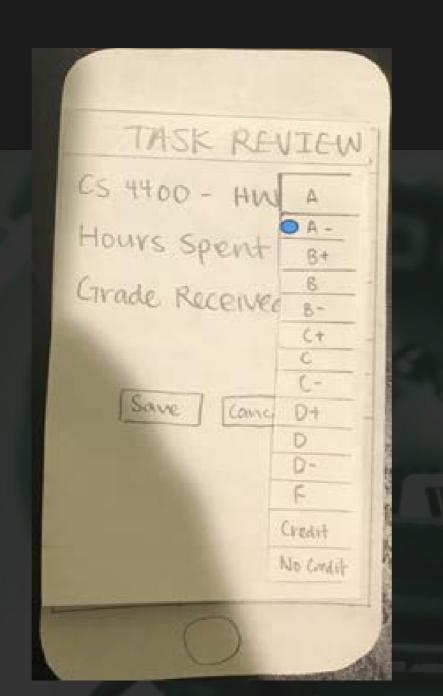
Finding an Incentive (4/6)

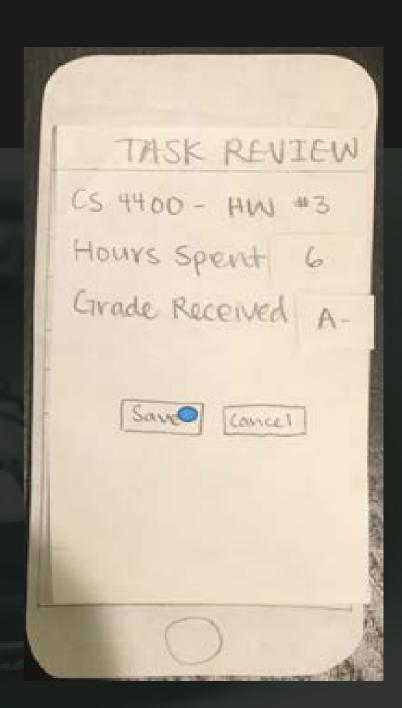
CS 3100 - HW #1	Scaral
Sept 17	- 2
CS:3100 - HW #2	Nan Some
(Sept 28)	×
CS 3100 - HW#3	Scarnel
(oct 19)	+5
CS 3100 - HW #4	NON SHOWS
(1200 4)	×
CS 4400 - HW#+	Seated
(SCP+ 9)	+5
CS 4400 - HW 2	Score4
(SEP+ 30)	+5
CS 4400 - Midterm 1	Scoled
(045)	+10
CS 4400 - ++ #3	Actions negles
(oct 21)	X
CS 5510 - HW #1	Scared
(Sept 7)	+ 1
CS 5510 - HW # 2	Scored
(Sept 28)	+5
CS 5510 - HW #3	NAME BEATED
(001 19)	X
CS 5510 - Midterm 1	NAME ARREST
(act 20)	×



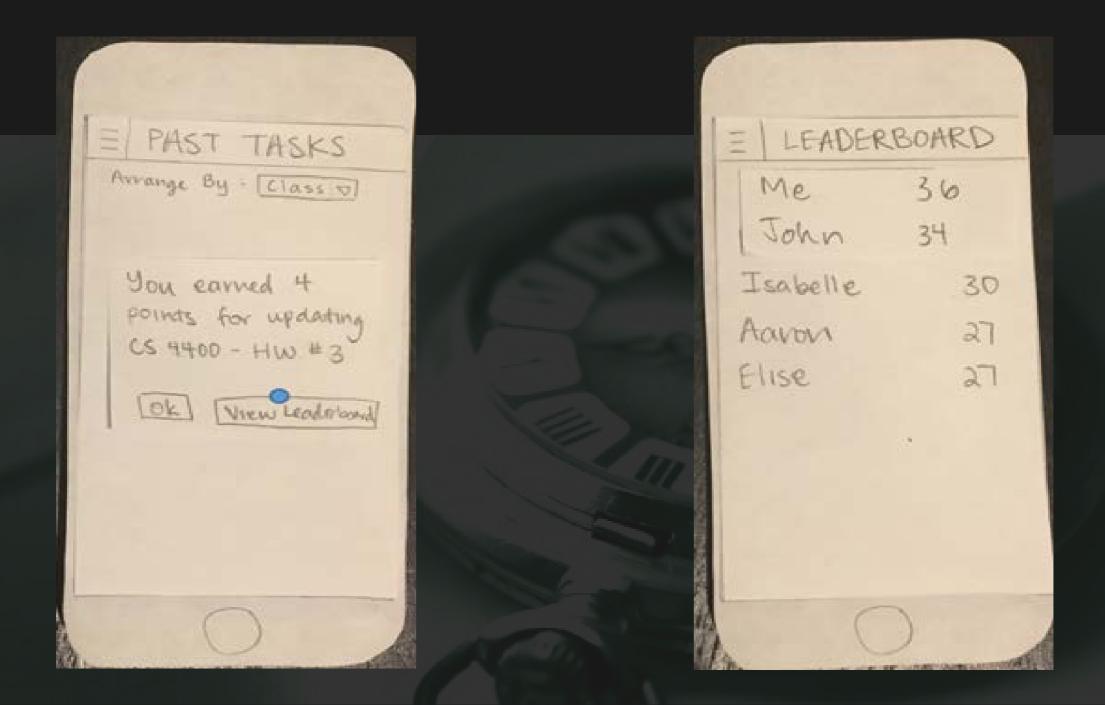
Finding an Incentive (5/6)





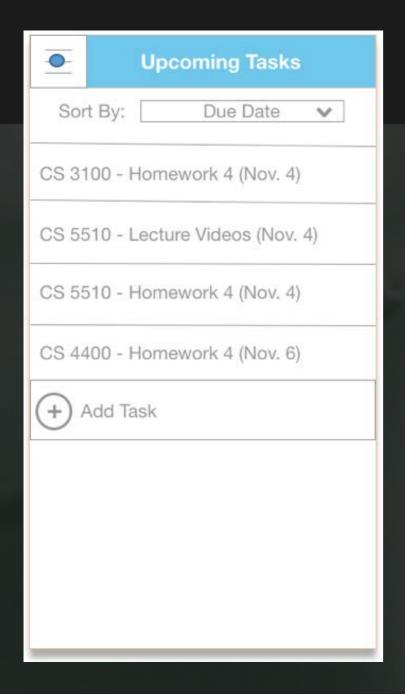


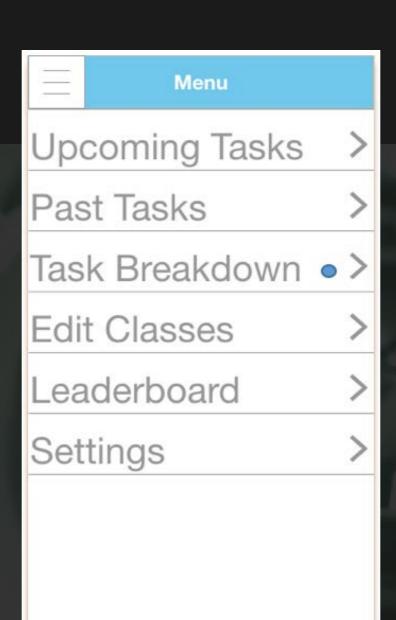
Finding an Incentive (6/6)

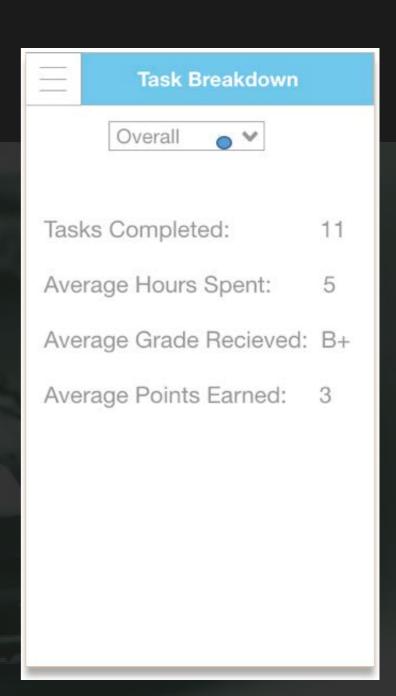


DIGITAL MOCKUP 1

Reflecting on How Time Was Spent (1/2)

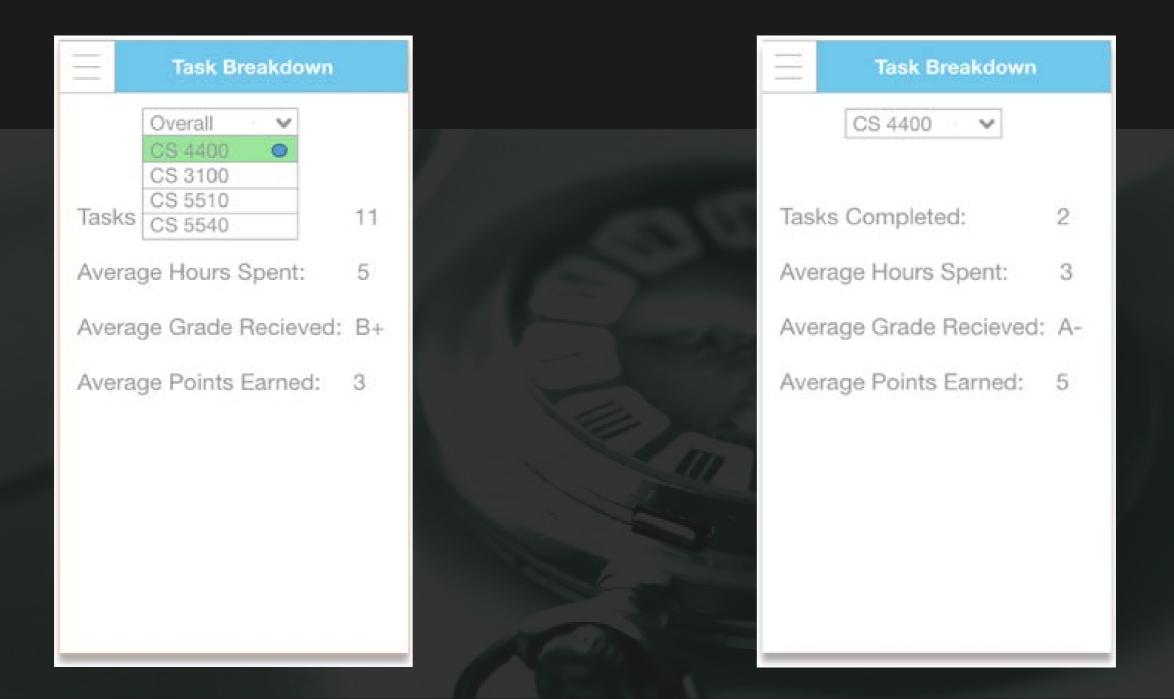






DIGITAL MOCKUP 1

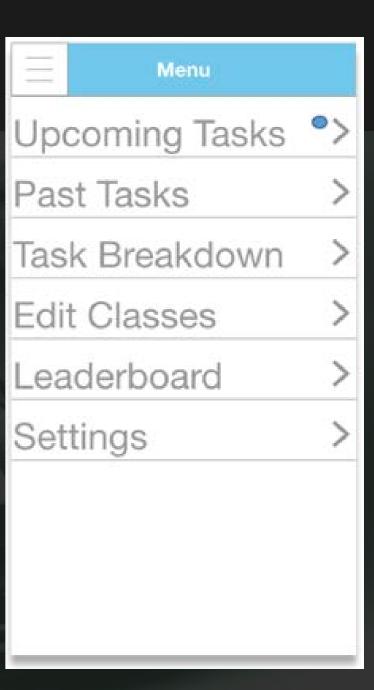
Reflecting on How Time Was Spent (2/2)



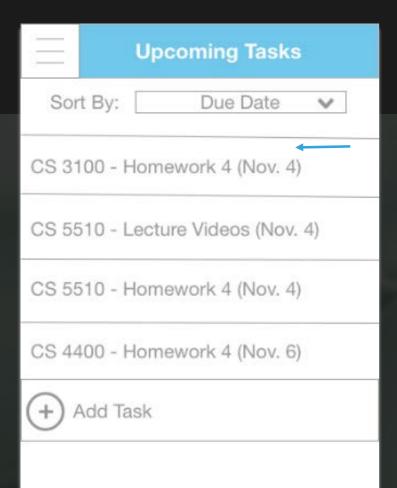
DIGITAL MOCKUP 2 Finding an Incentive (1/6)

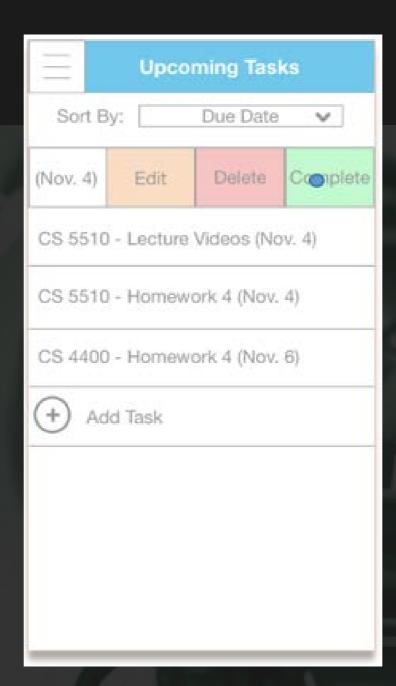






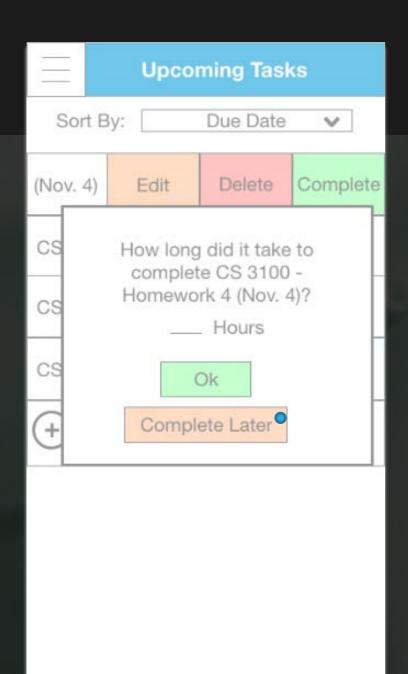
DIGITAL MOCKUP 2 Finding an Incentive (2/6)

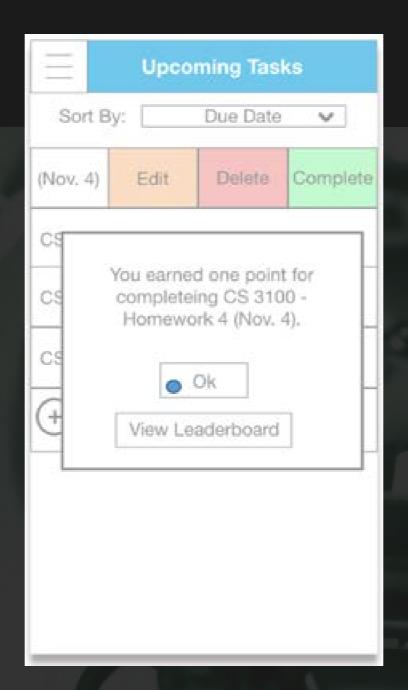


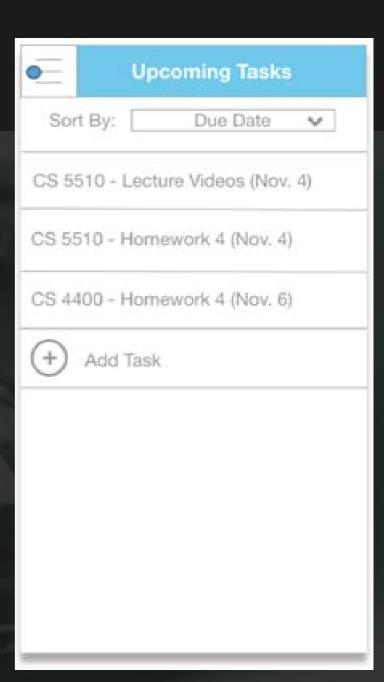




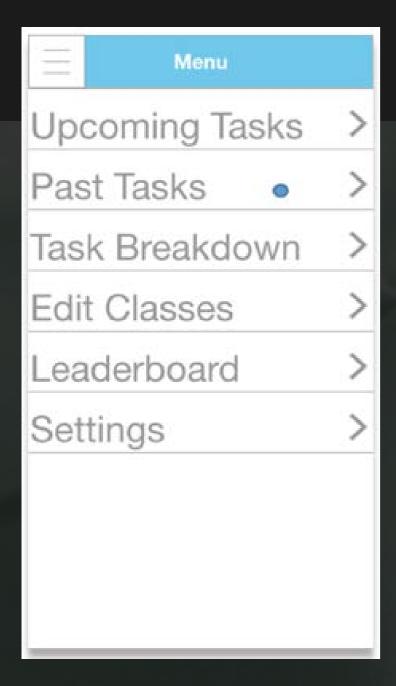
DIGITAL MOCKUP 2 Finding an Incentive (3/6)







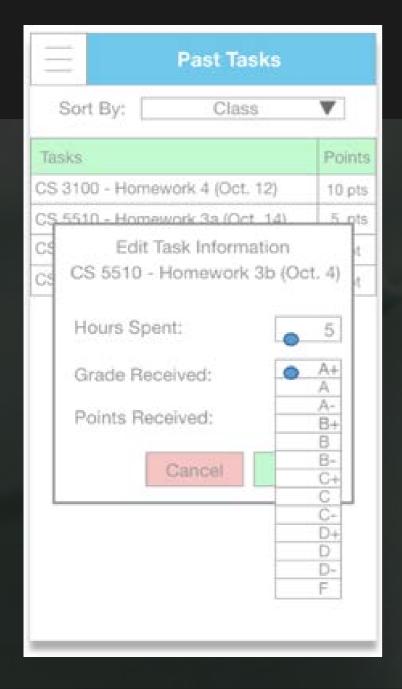
DIGITAL MOCKUP 2 Finding an Incentive (4/6)



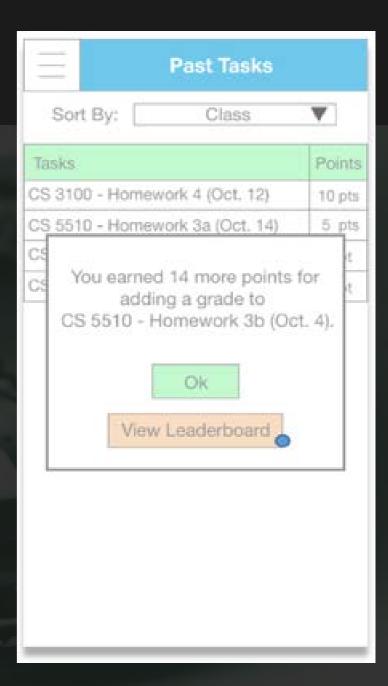


	Past Tasks	
	Sort By: Class	₩
Tas	sks	Points
CS	3100 - Homework 4 (Oct. 12)	10 pts
C\$ 5510 - Homework 3s (Oct. 14)		5 pts
CS	Edit Task Information CS 5510 - Homework 3b (Oc Hours Spent: Grade Received: Points Received:	t. 4) t
L	Cancel	

DIGITAL MOCKUP 2 Finding an Incentive (5/6)







DIGITAL MOCKUP 2

Finding an Incentive (6/6)



SUMMARY

- An iterative design process is crucial to a great design.
- There is always room for improvement.
- Participants are the greatest source of inspiration.
 - Asking our participants questions helped us understand the implementation.

THANK YOU!

ANY QUESTIONS?