



STUDYBUDDY

Boost focus and manage distractions
with the touch of a button

Jacob Chong • Mike Notter • Abby Gray

Problem Overview

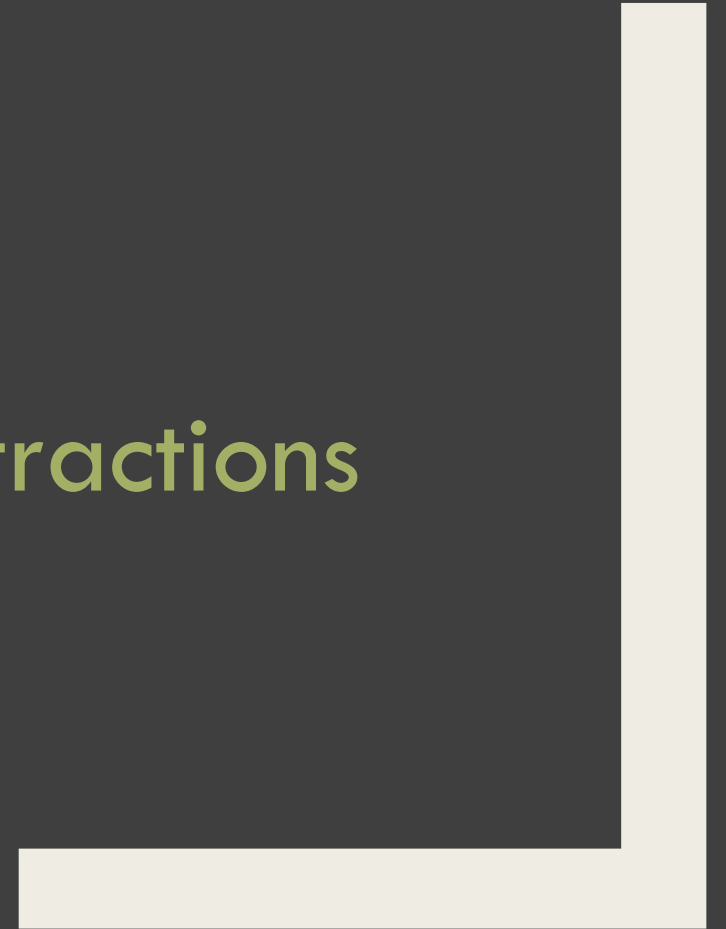
- Limited amount of time
- Lots to do
- Various distractions
- Improving productivity is difficult



INITIAL PAPER PROTOTYPE

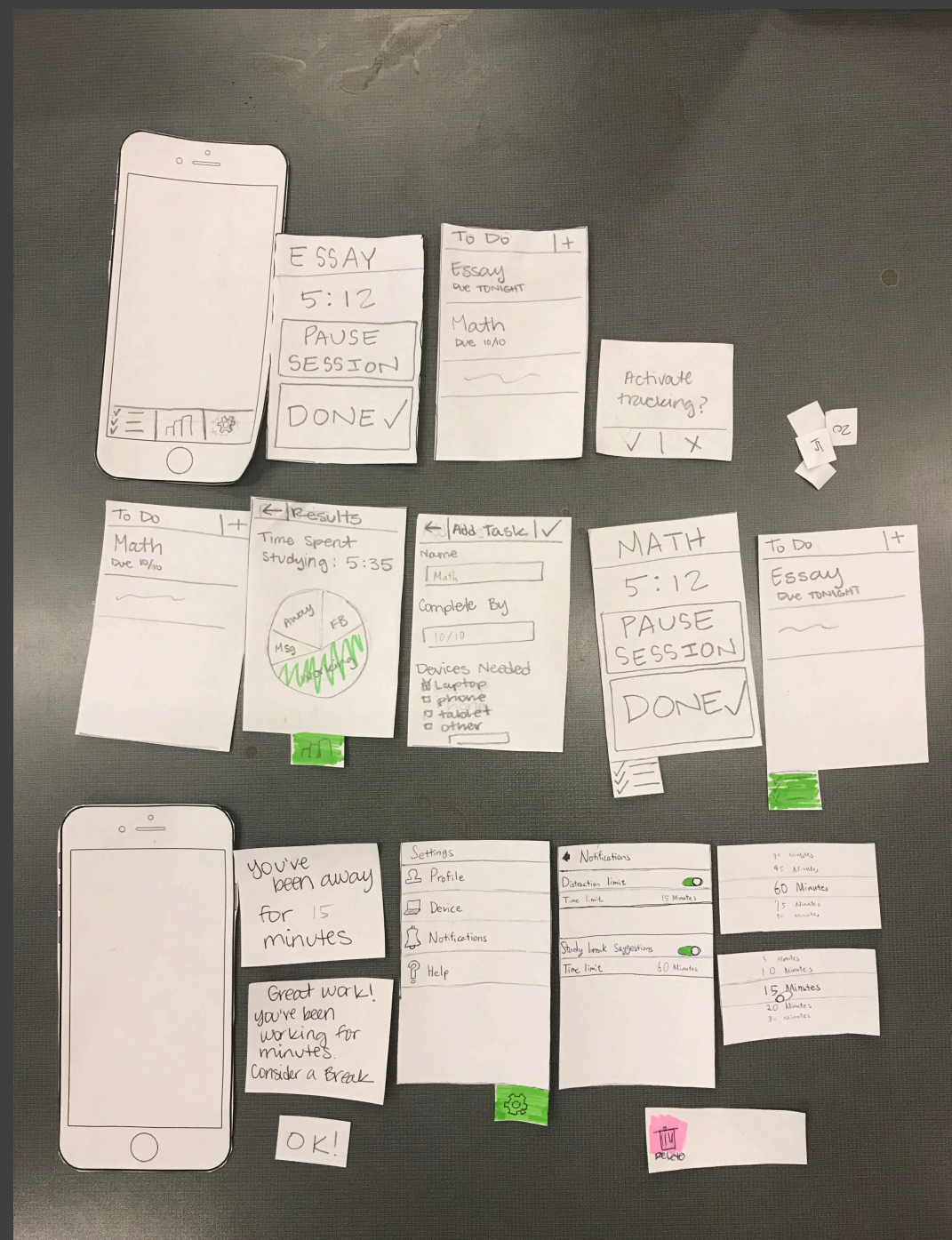
TASK #1:

Tracking | Focus and Distractions



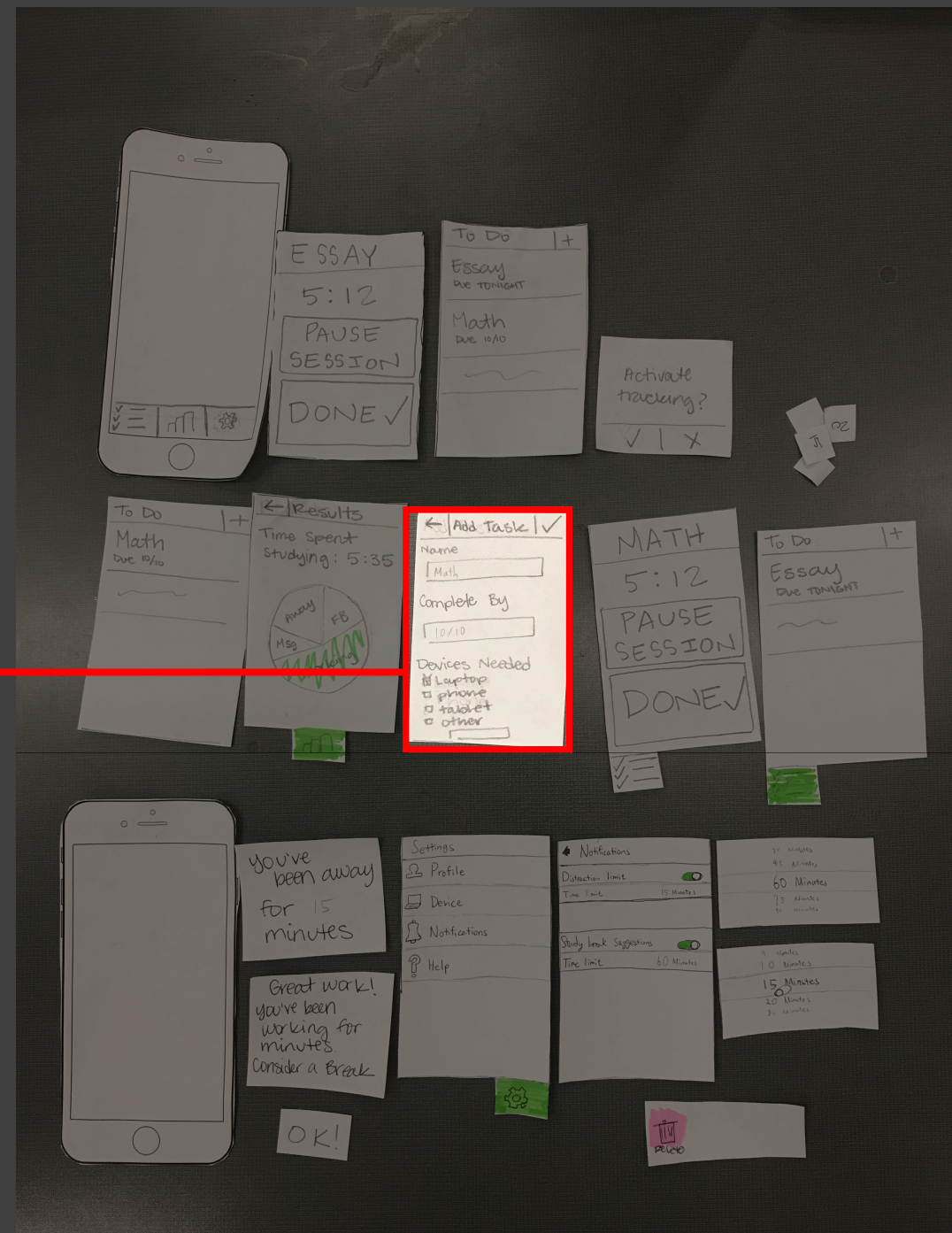
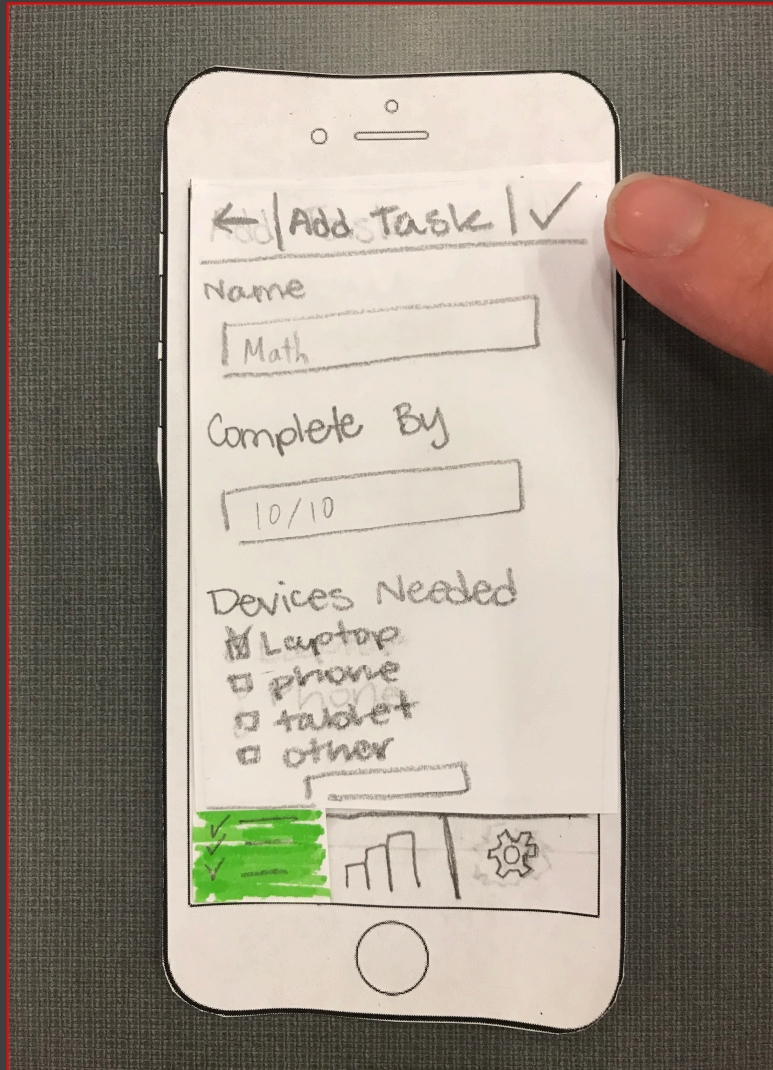
Task #1

- Add assignment
- Activate sensors
- View results



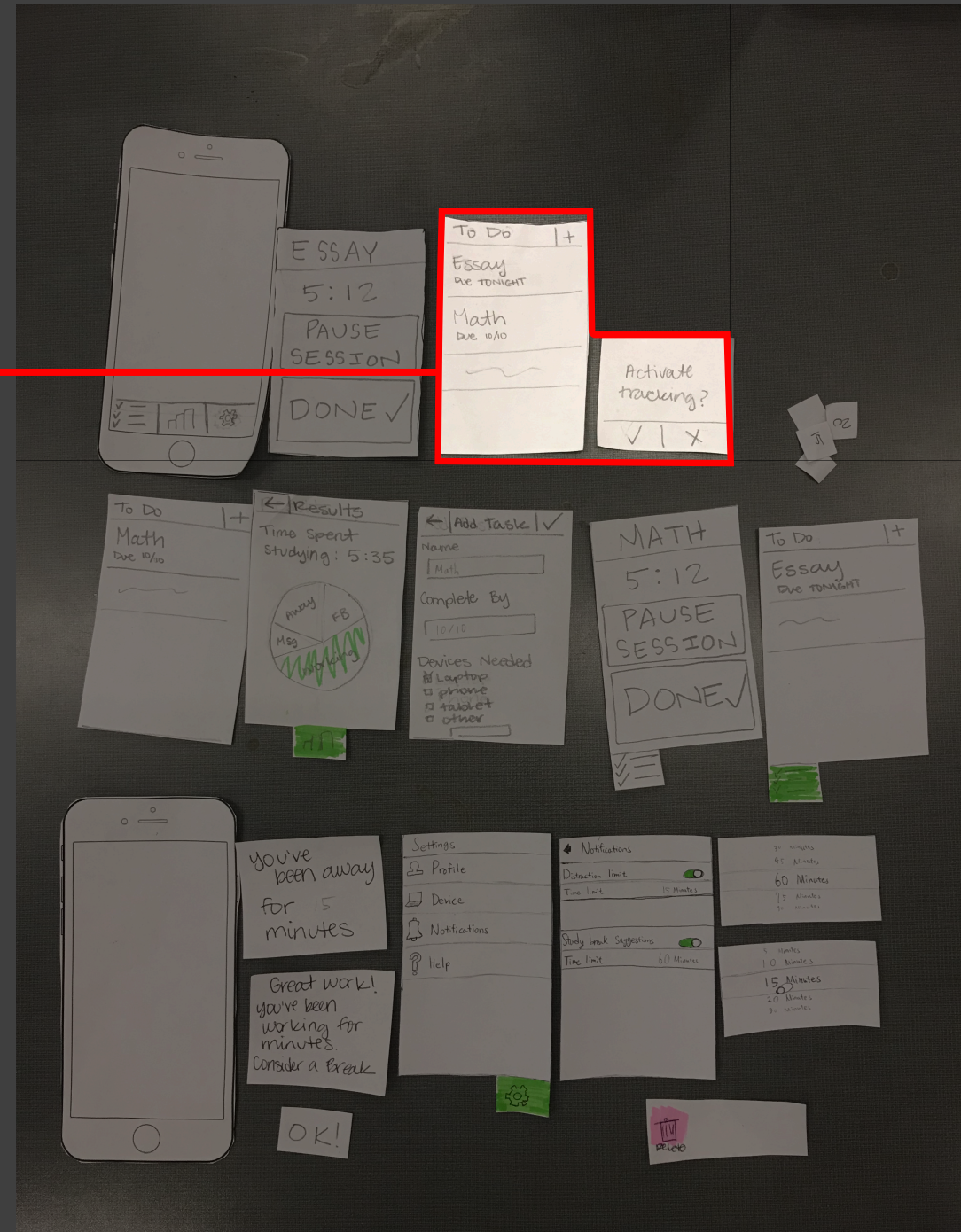
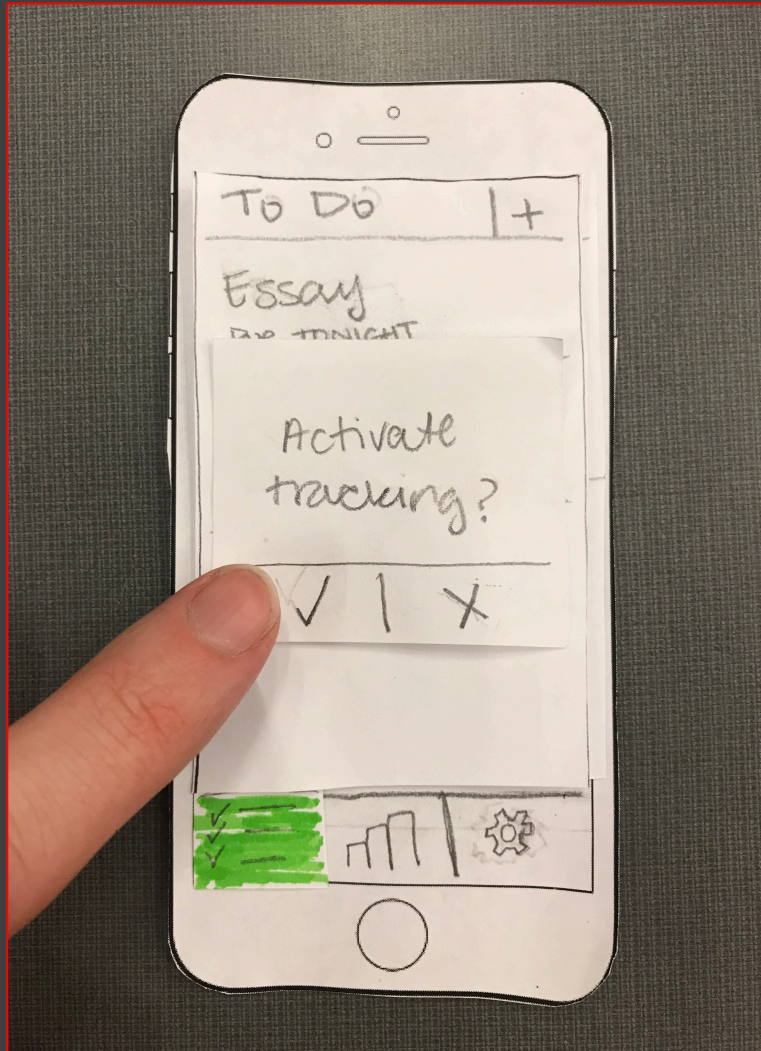
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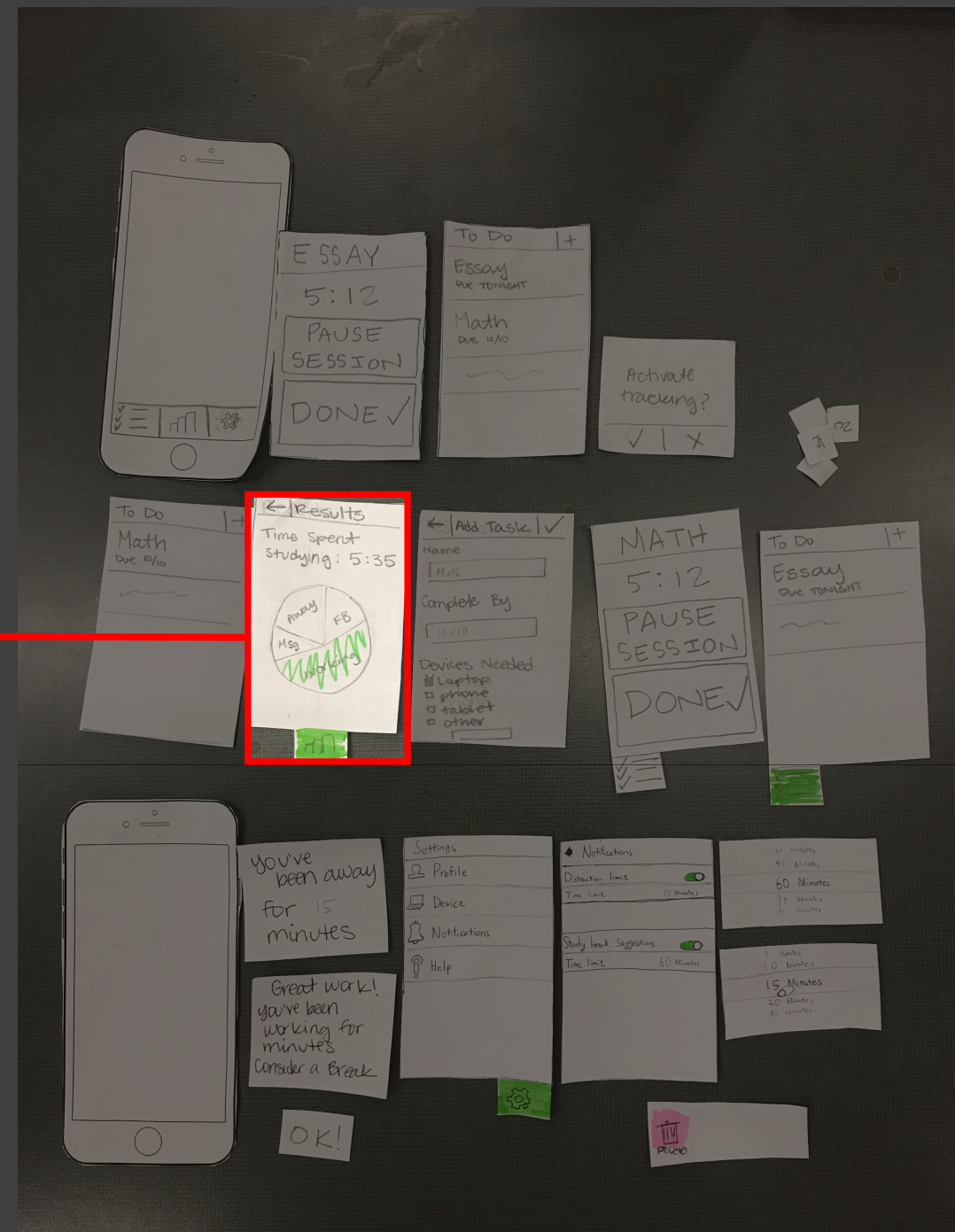
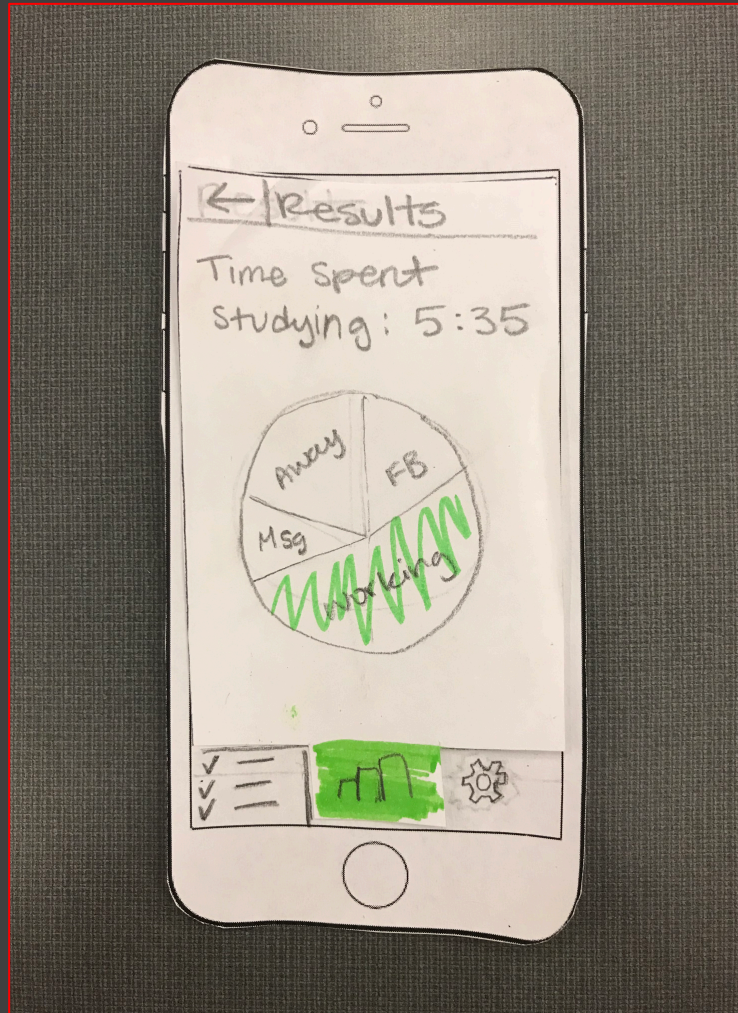
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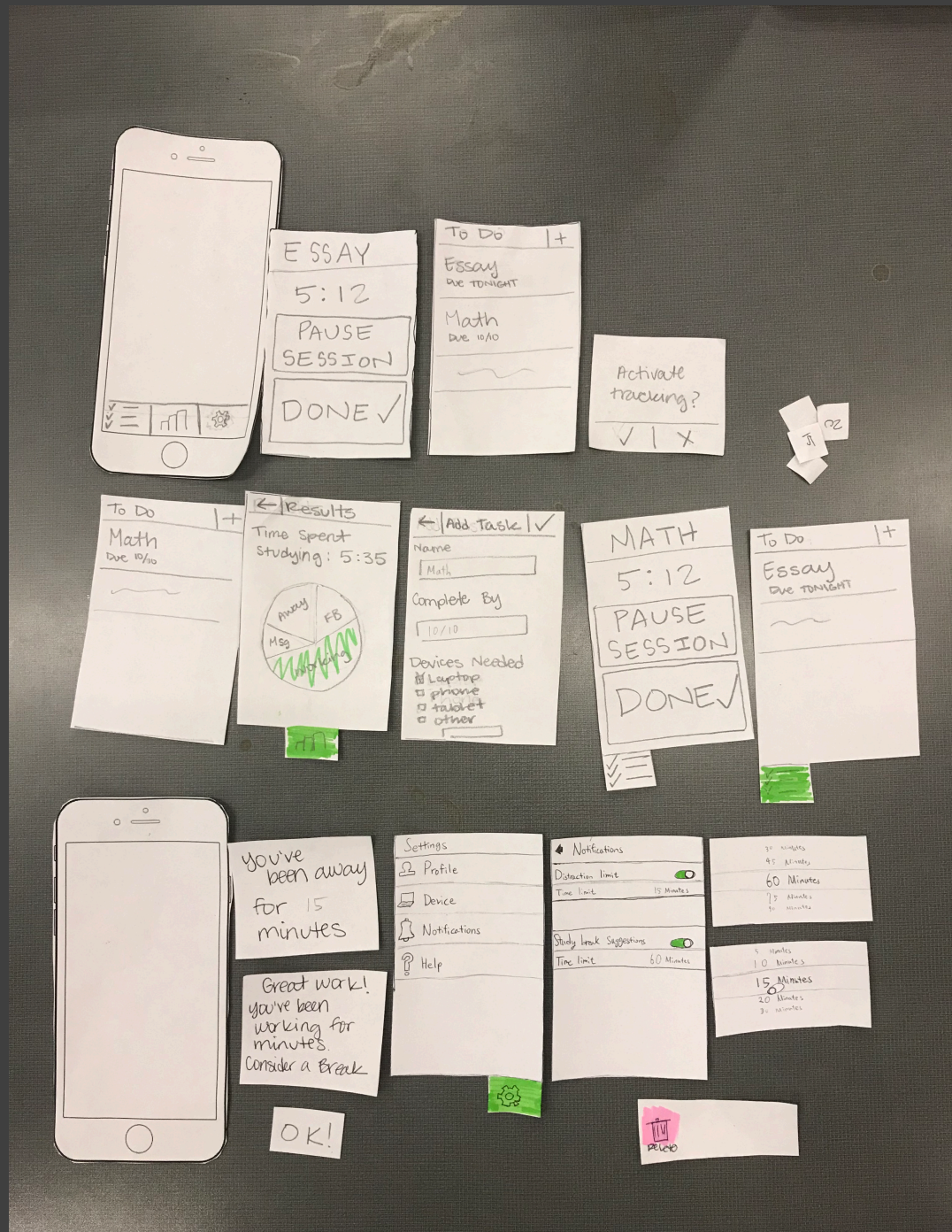
TASK #2:

Notifications | Focus and Breaks



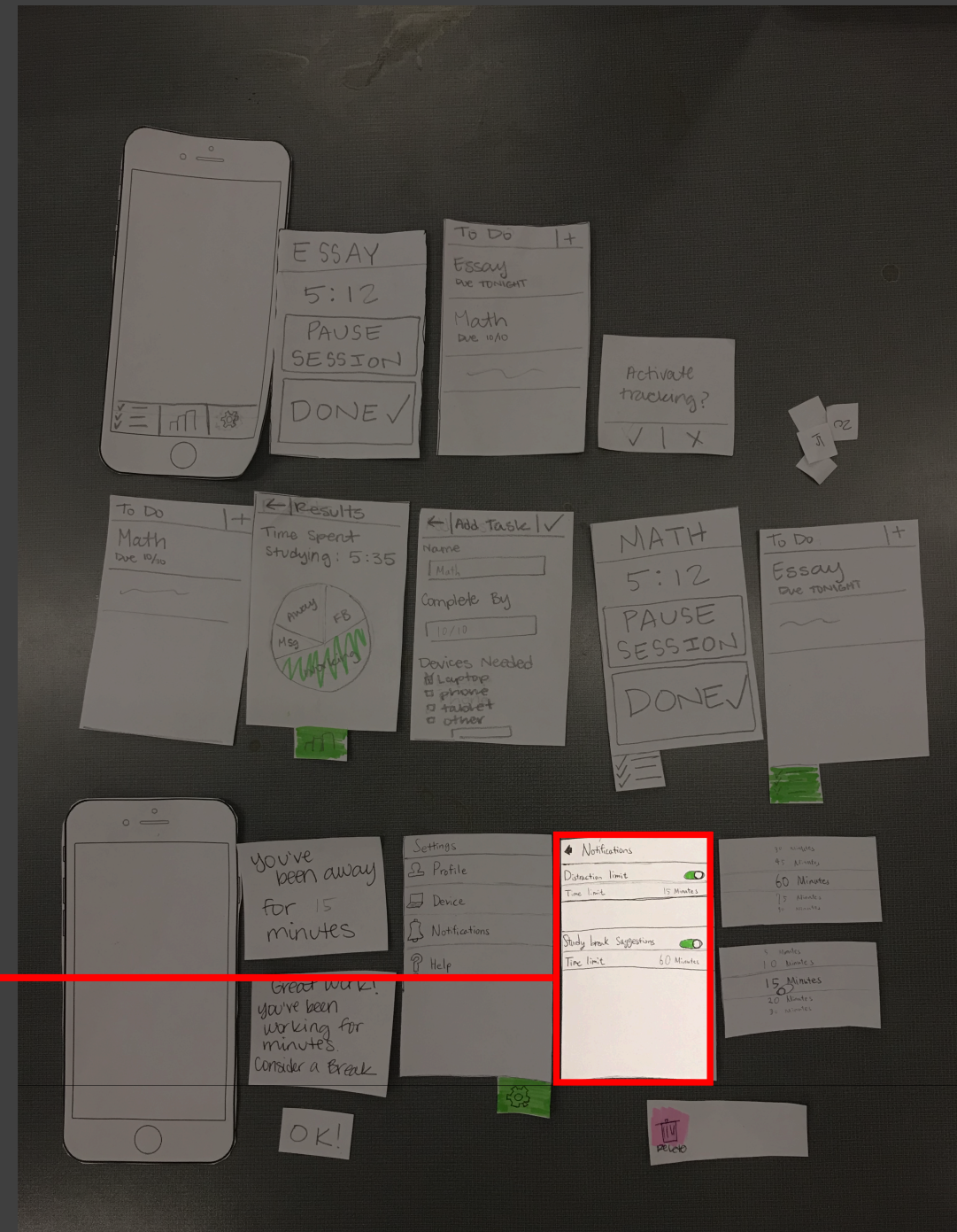
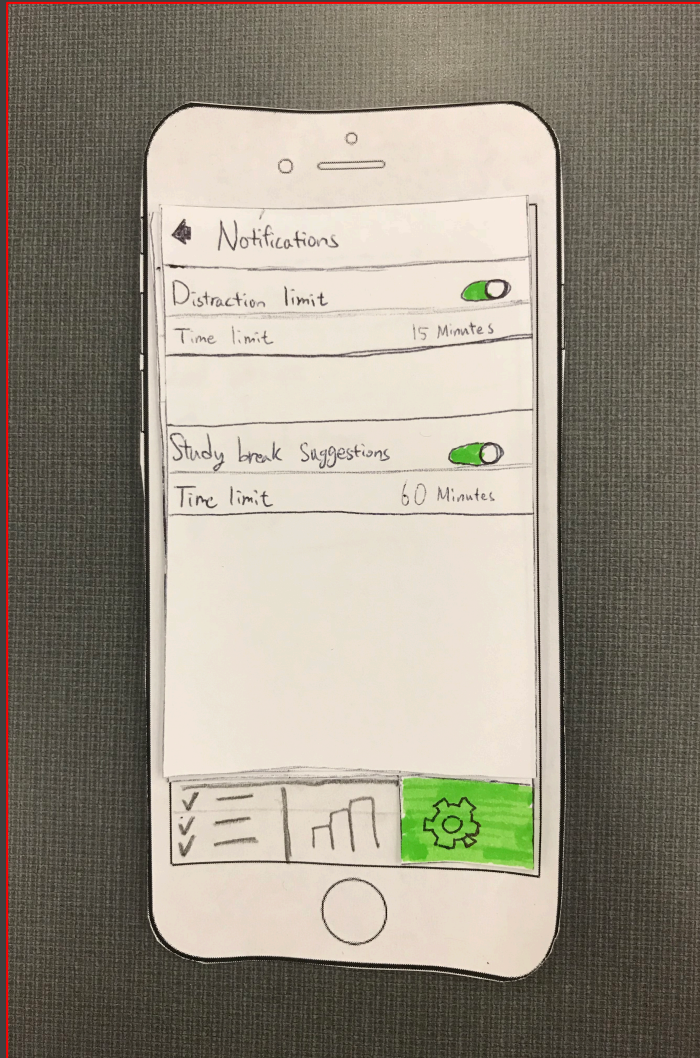
Task #2

- Set preferences
- Activate sensors
- Get Notifications



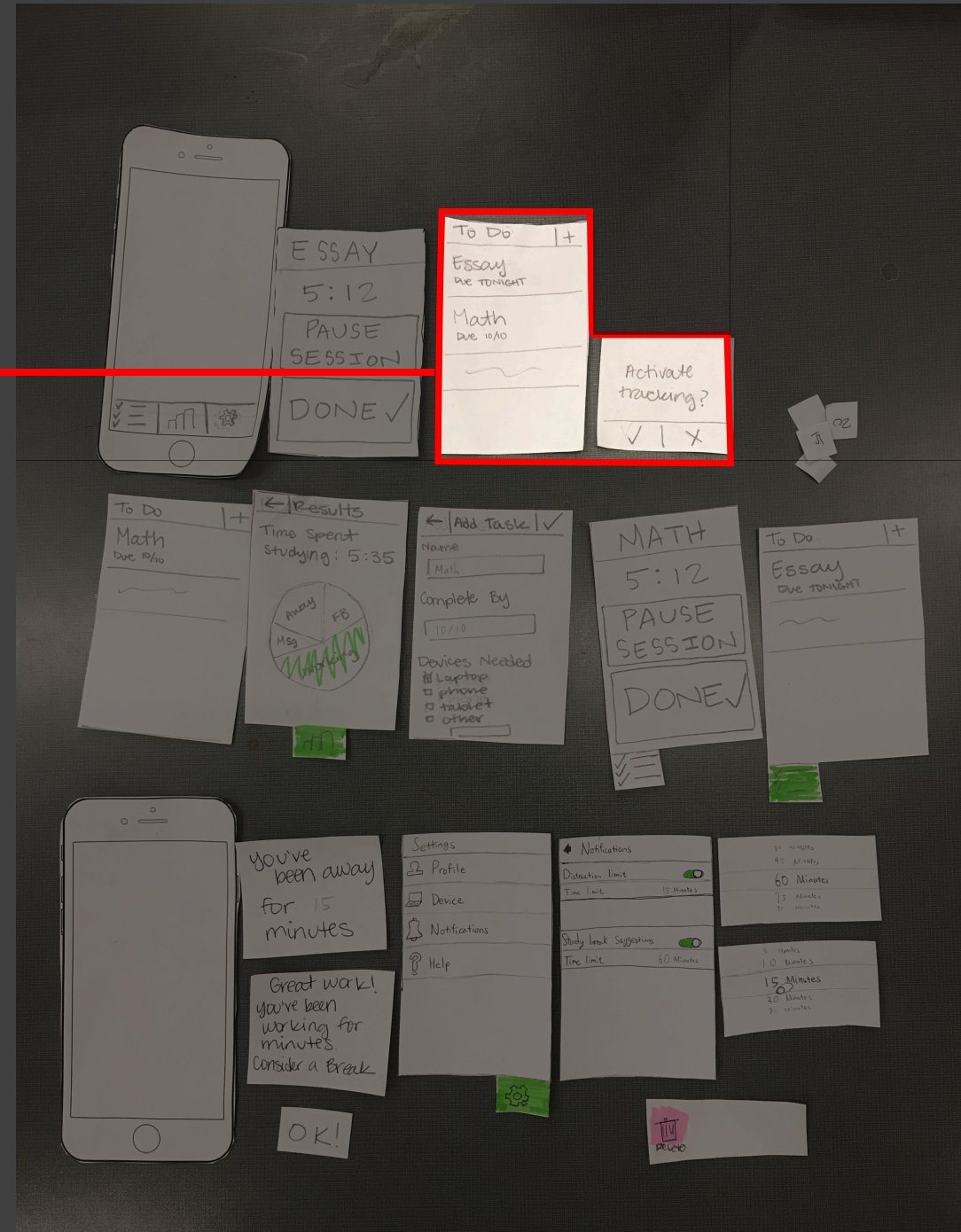
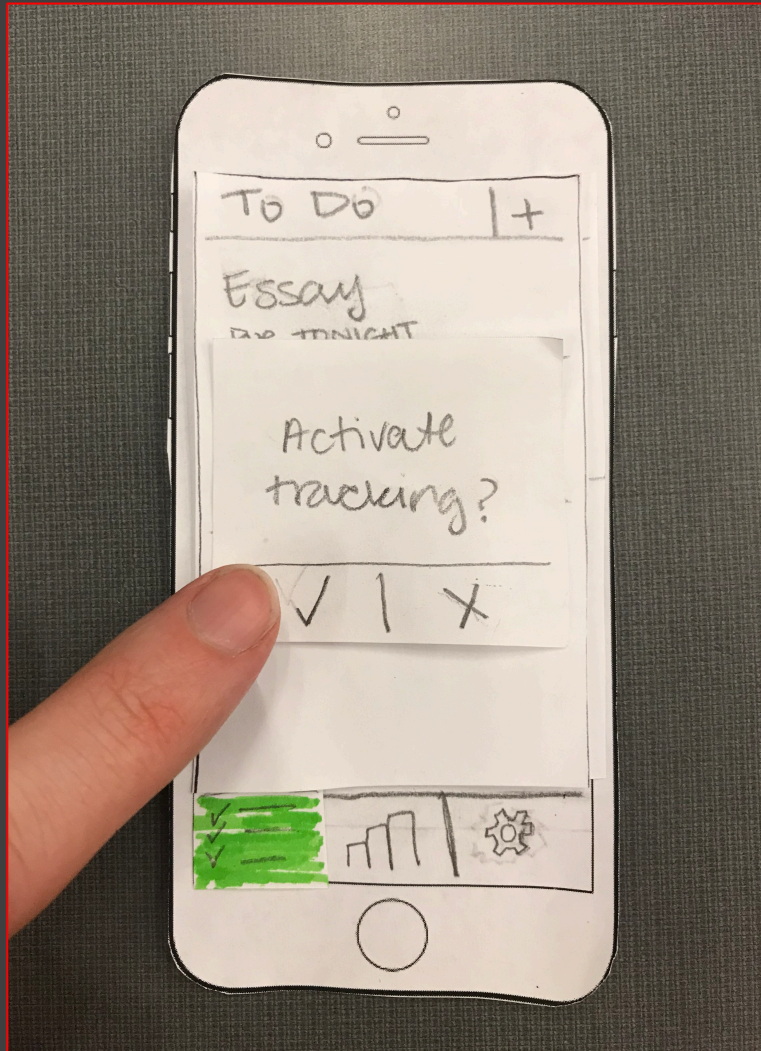
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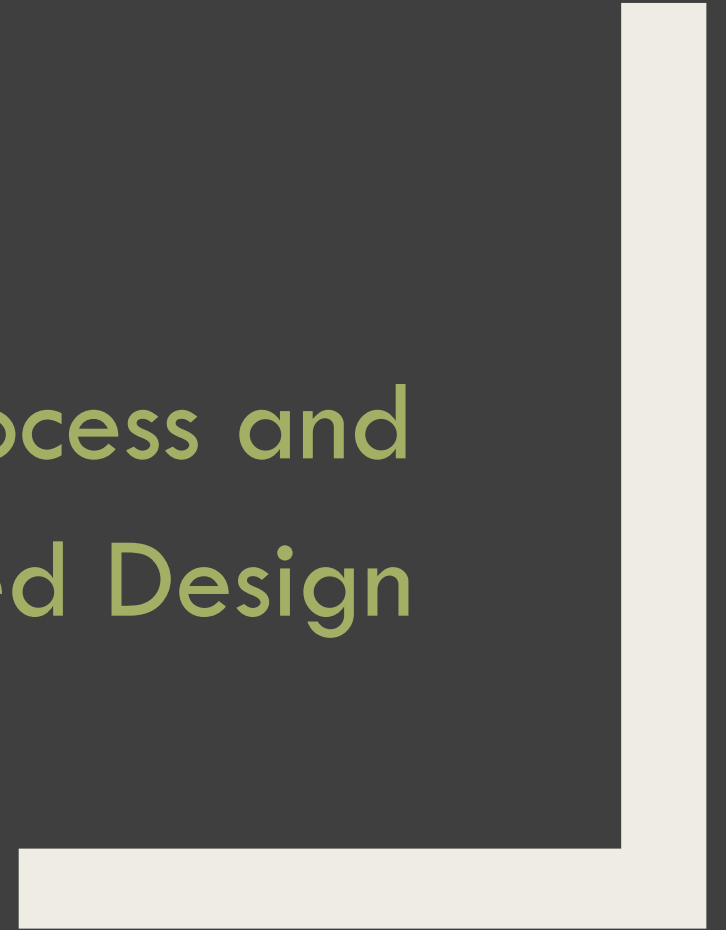
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TESTING RESULTS & PROCESS

Iterative Process and
Improved Design



Testing Process



Testing Process

2 Heuristic Evaluations & 3 Usability Tests

- Students at UW
- Male and female
- All different majors and years



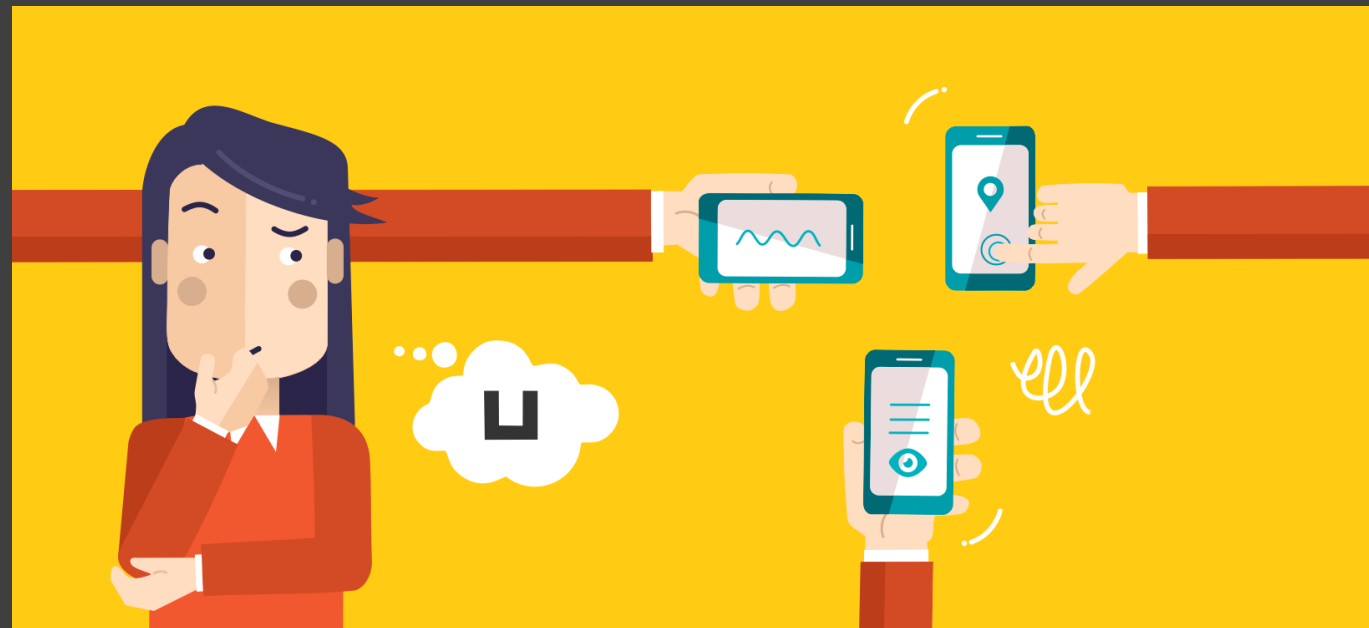
Testing Process

2 Heuristic Evaluations & 3 Usability Tests

- Students at UW
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Tasks

- Add an assignment, begin tracking time
- Complete an assignment, view results
- Set notification preferences, respond to alerts



Testing Results

Issue	Solution
Ambiguous presentation of results	<ul style="list-style-type: none">• Labels on notifications• Consistent drop-down menu icons
Notifications limited to mobile	<ul style="list-style-type: none">• Added to desktop• Connection between all devices
Limitations to pausing assignments	<ul style="list-style-type: none">• Option to pause from notification• Confirmation screen

FINAL PAPER PROTOTYPE

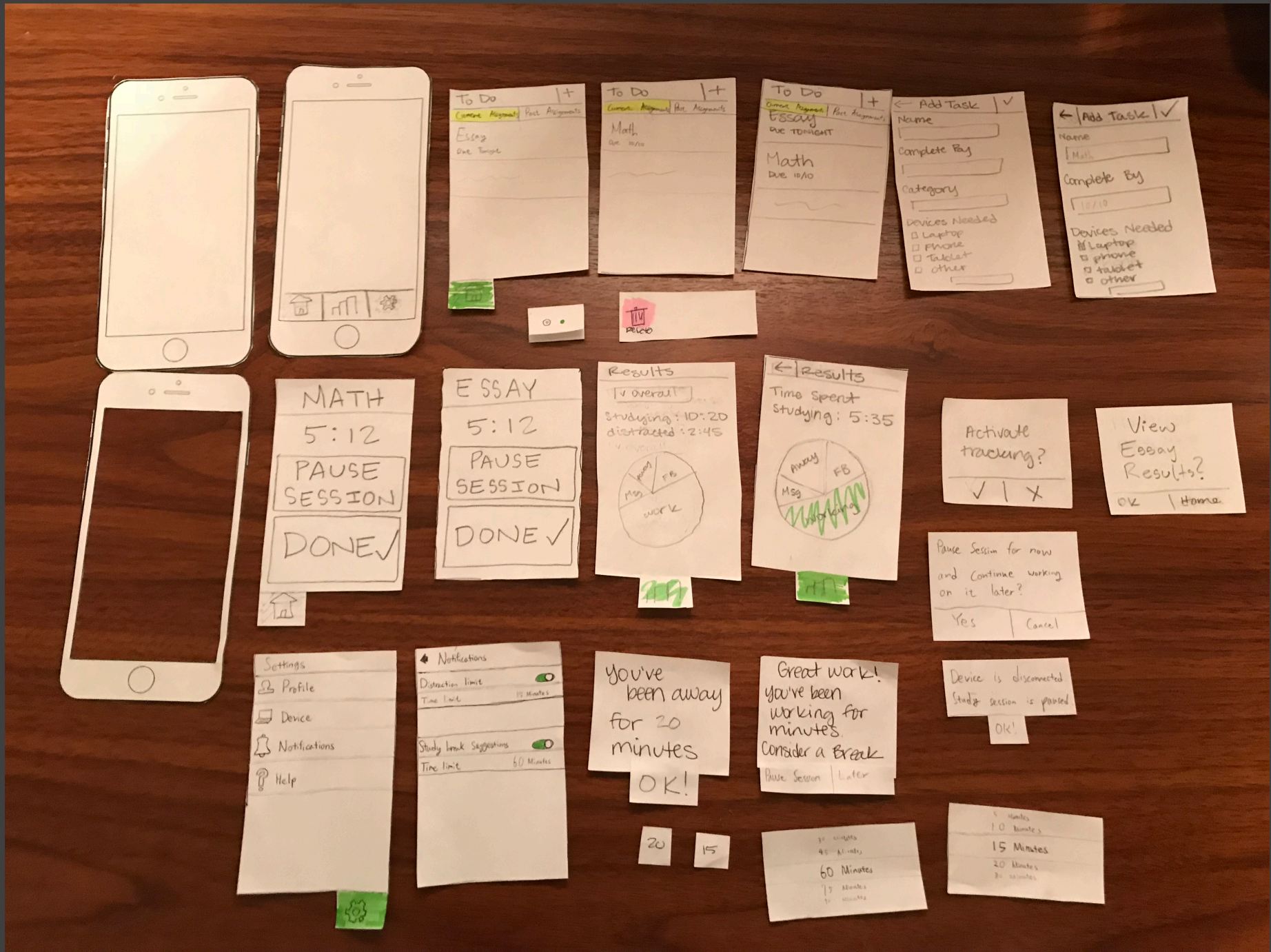
TASK #1:

Tracking - Revisions



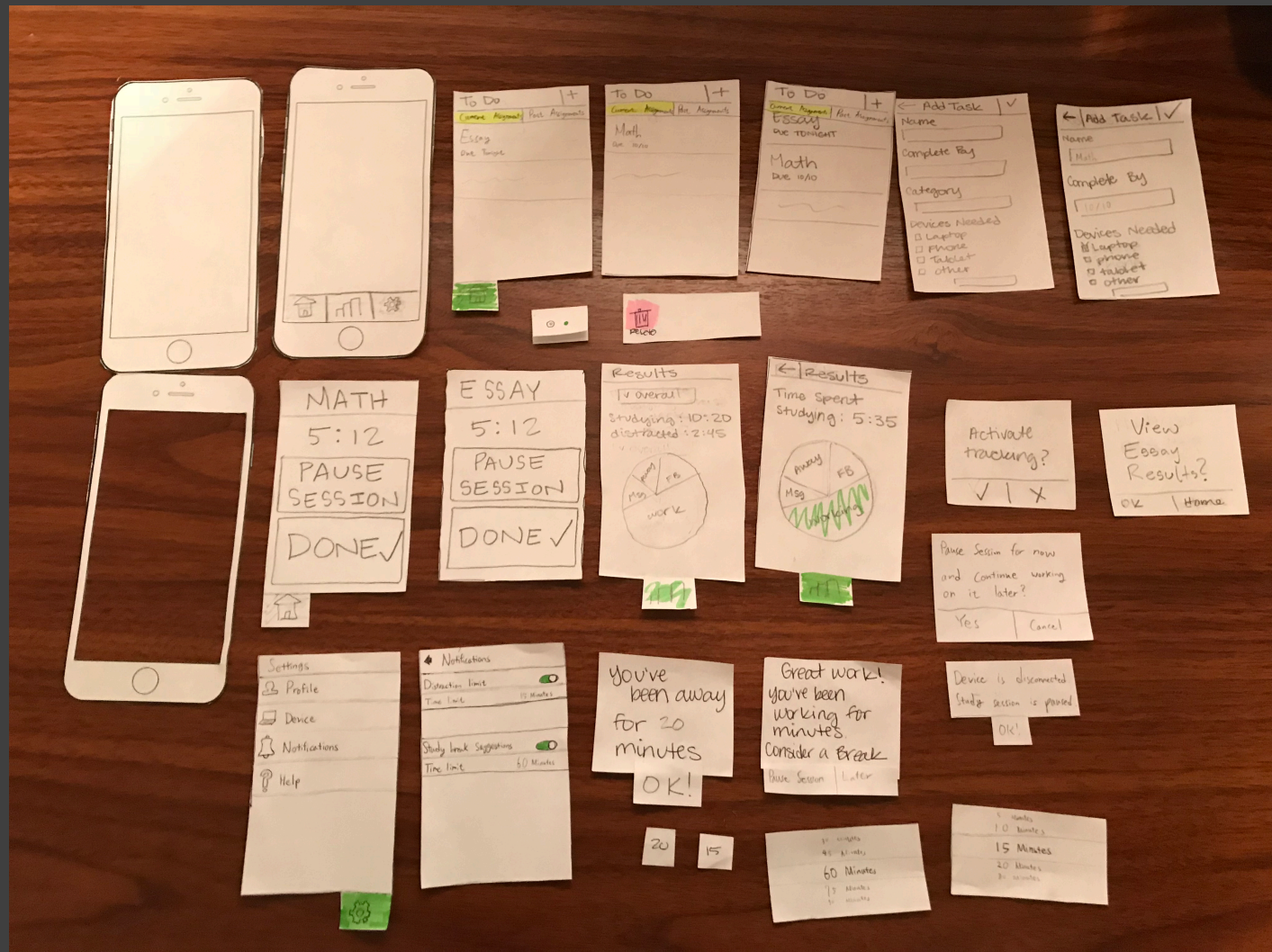
Task #1

revisions



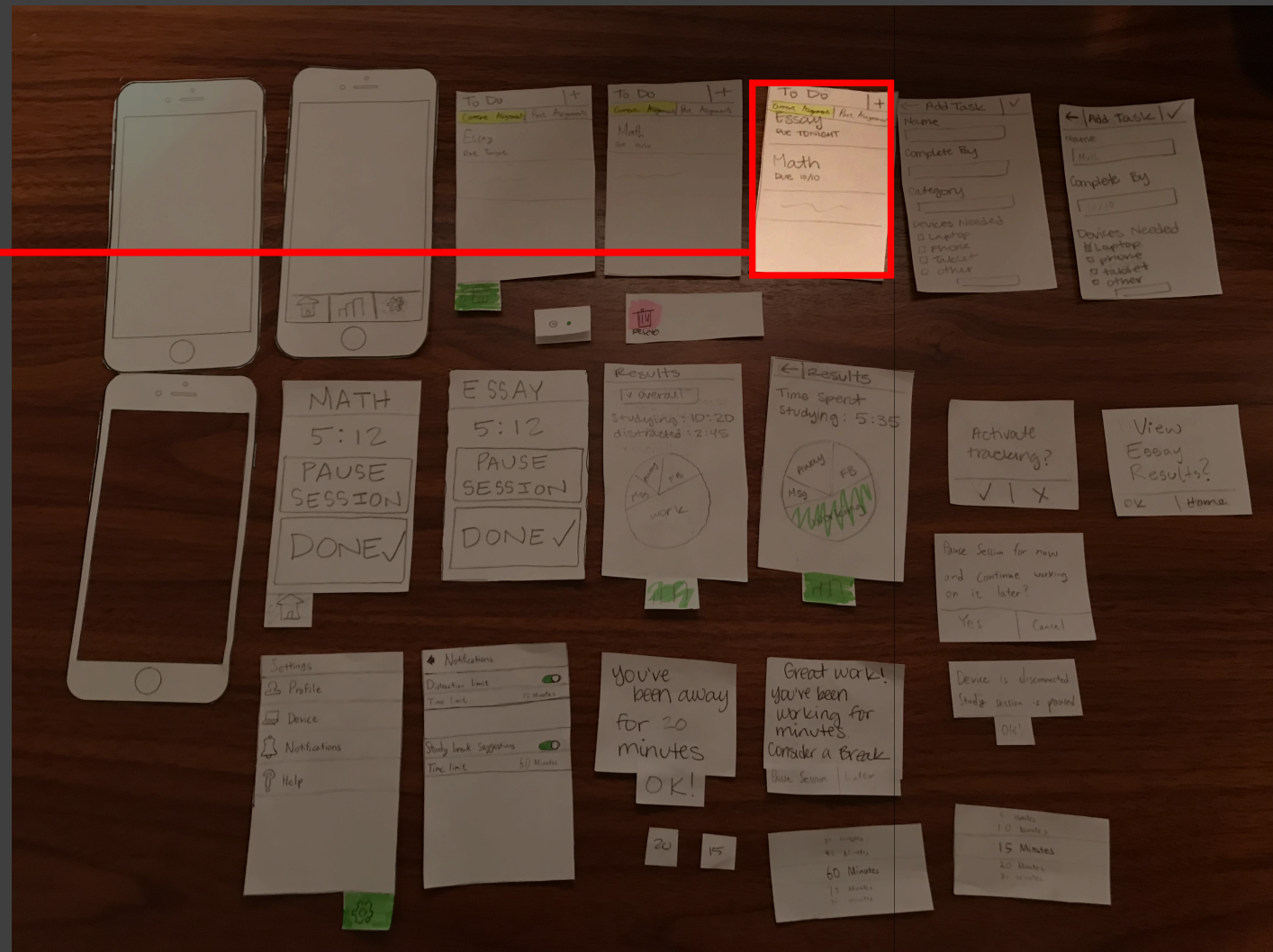
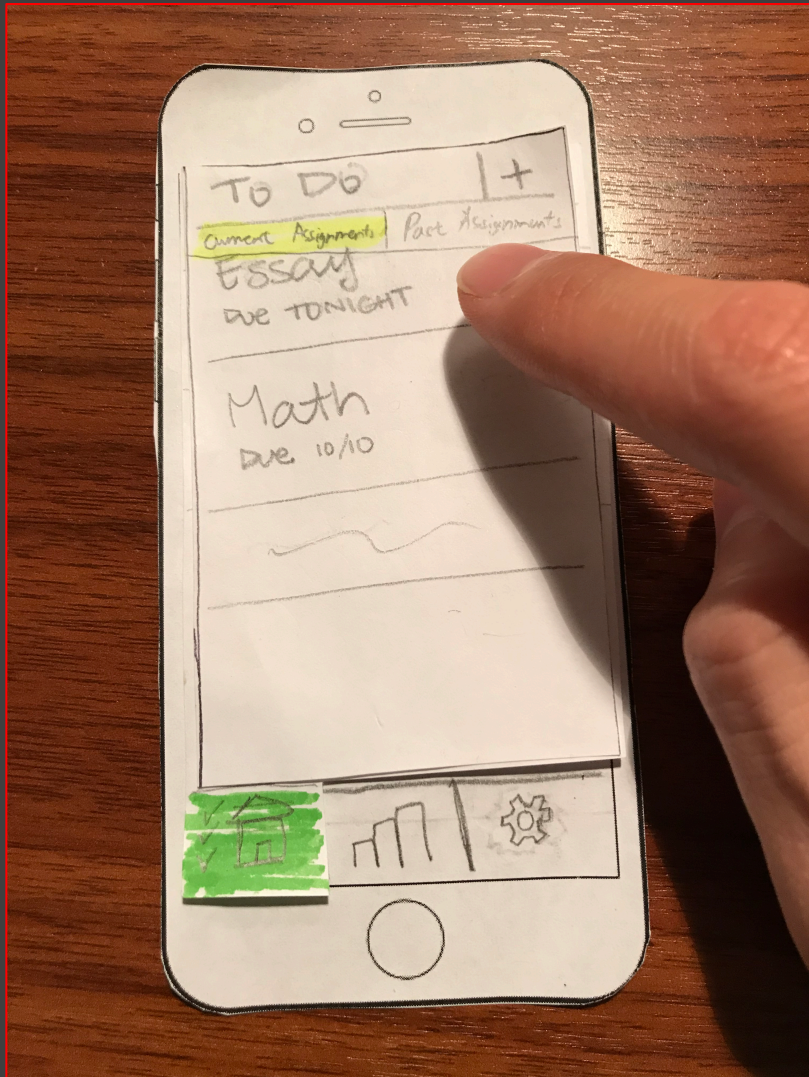
Task #1

revisions



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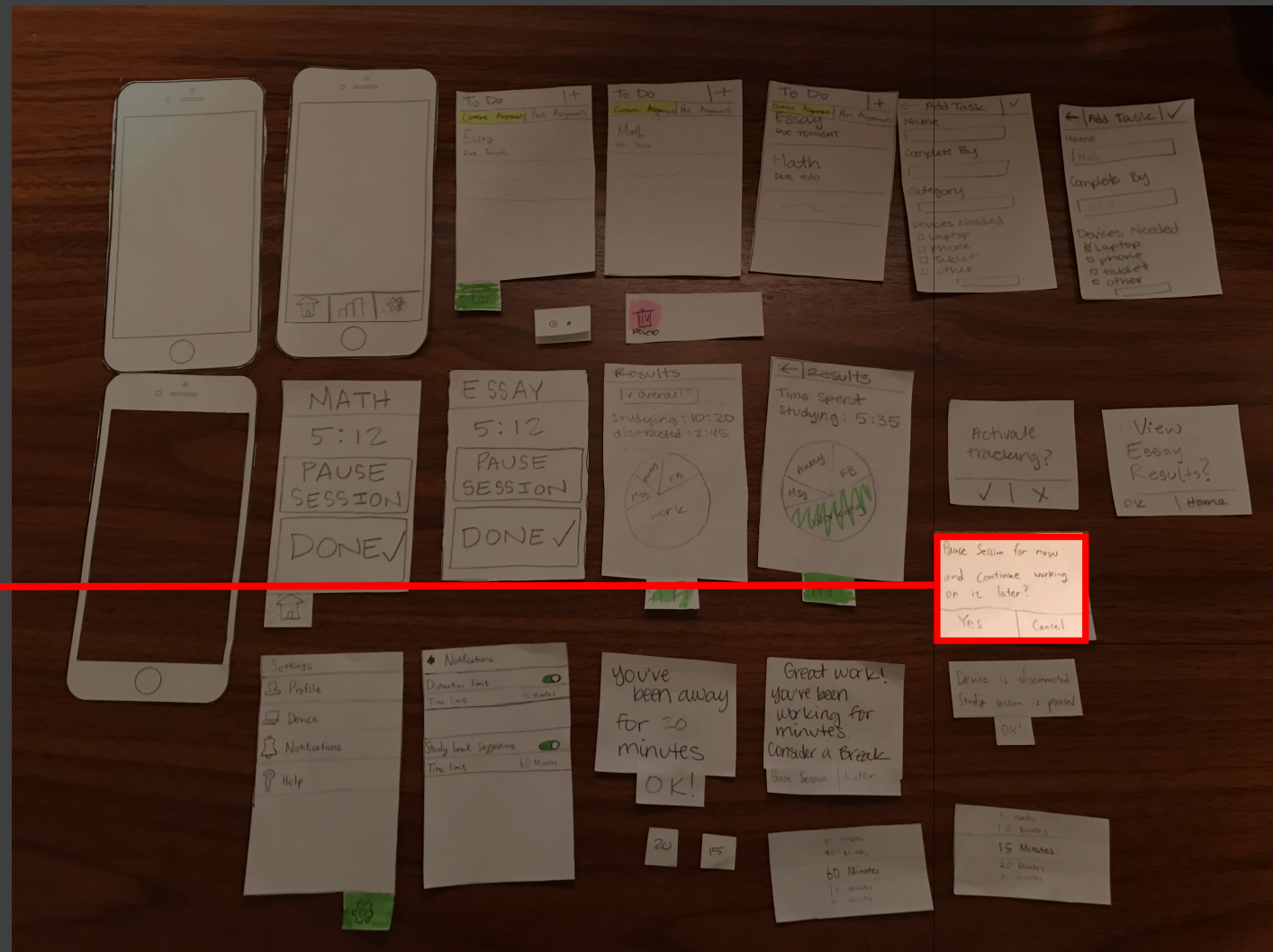
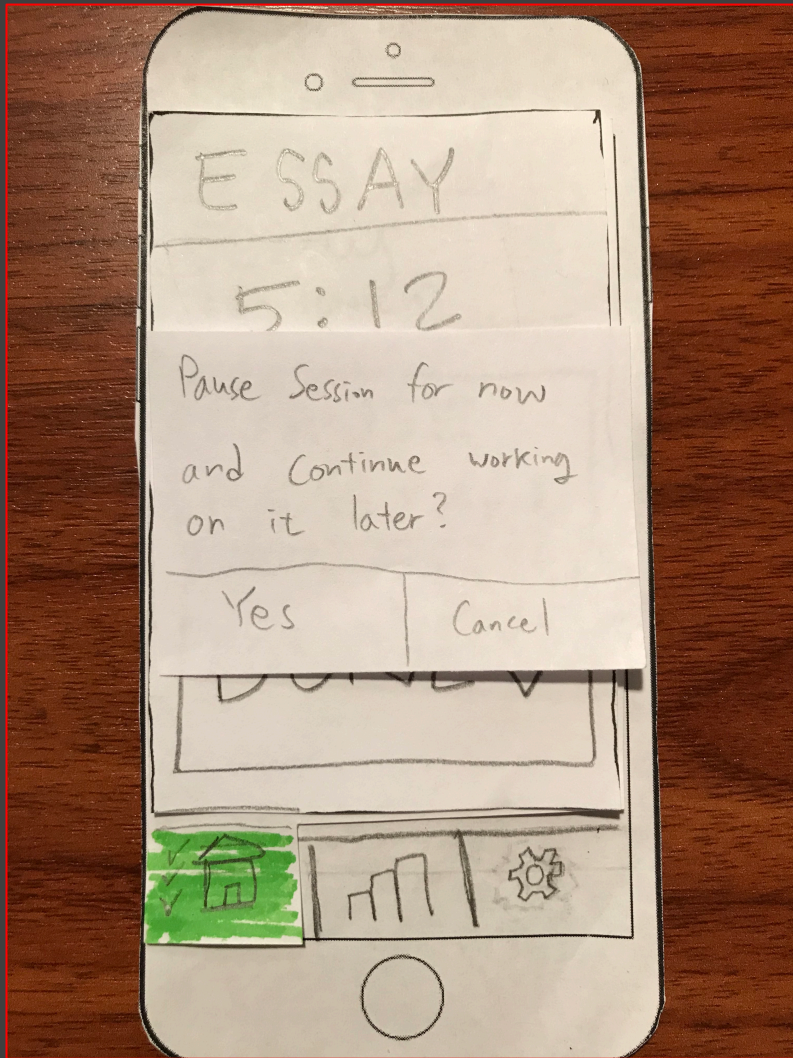
revisions



“Current Assignments” tab

Task #1

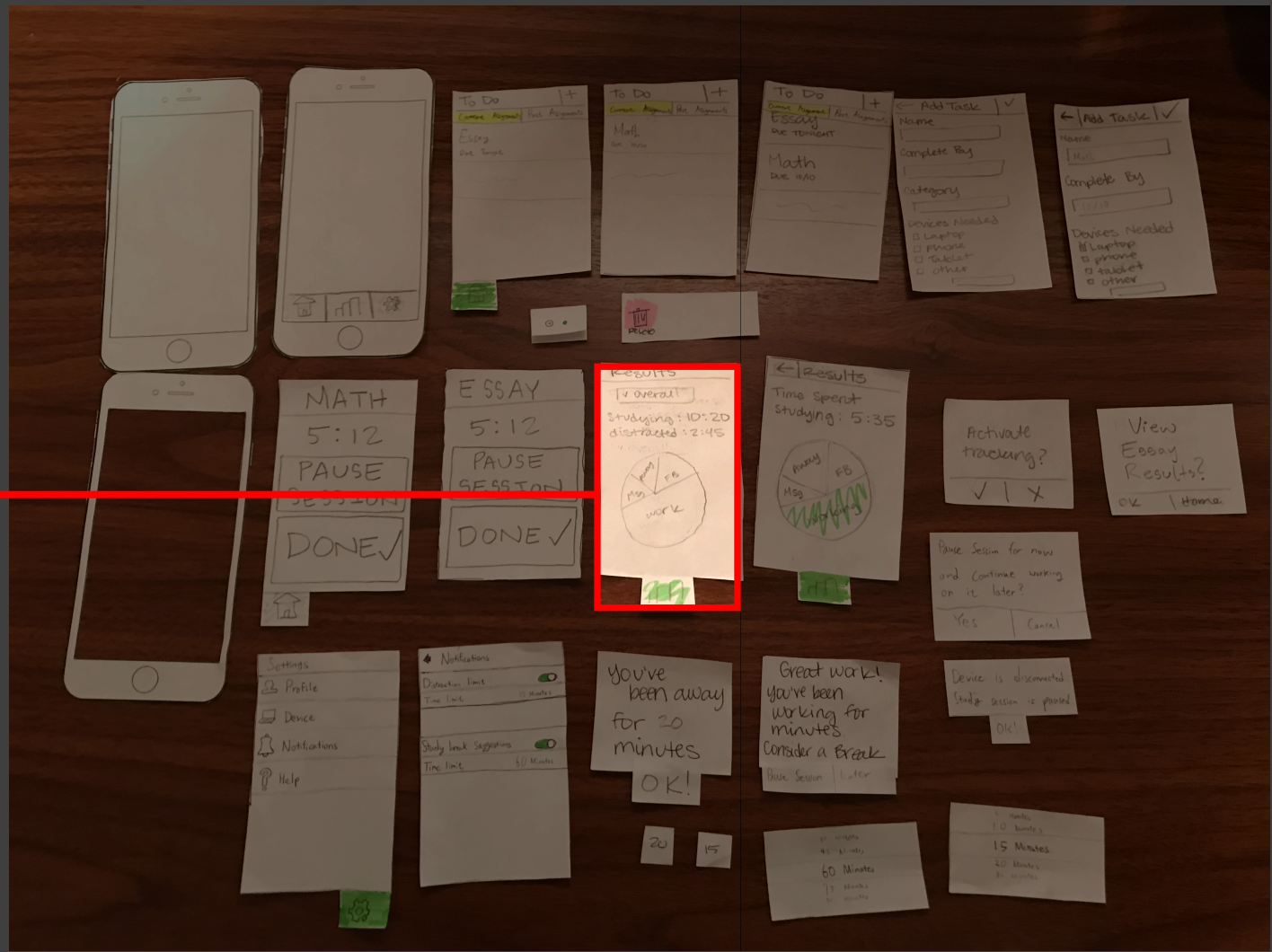
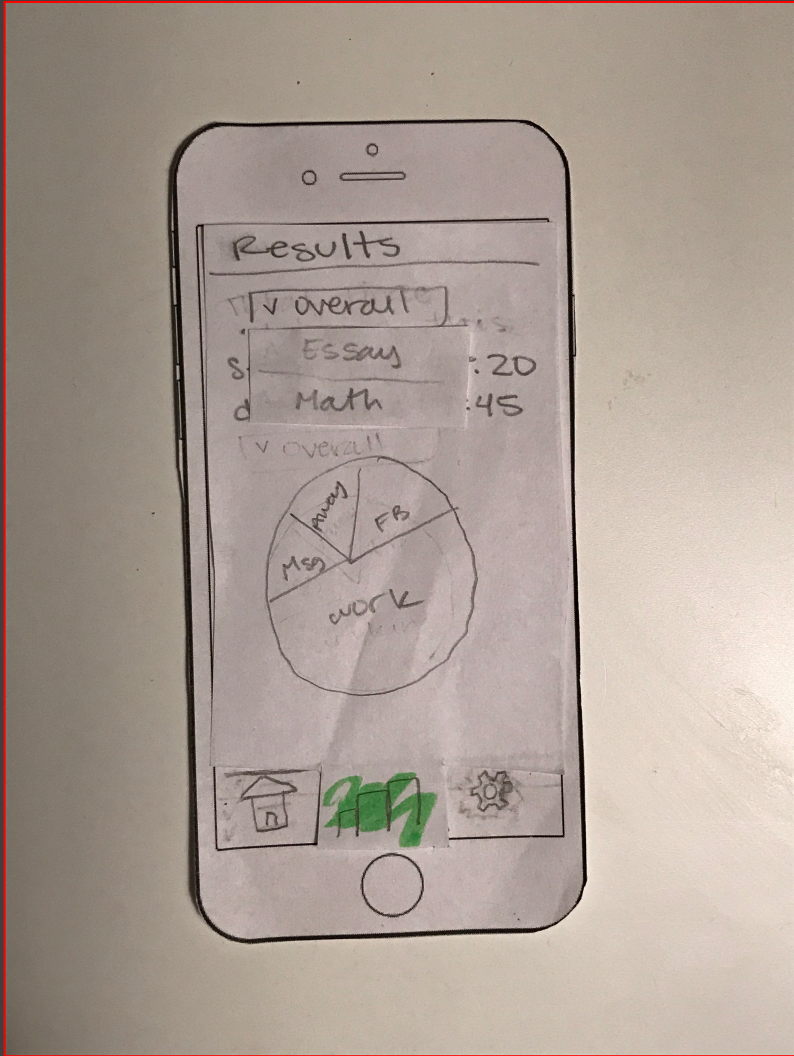
revisions



Clarified pause functionality

Task #1

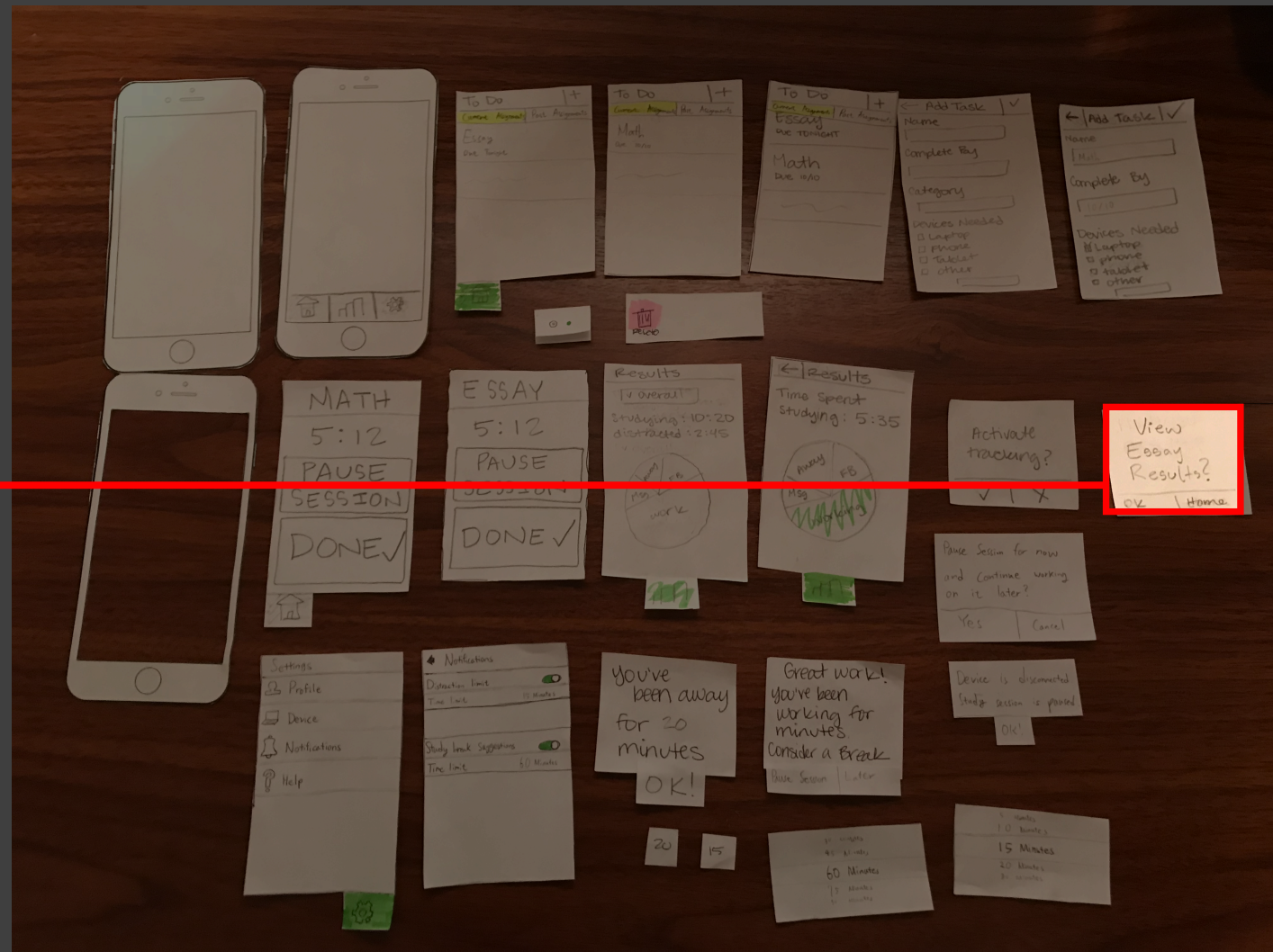
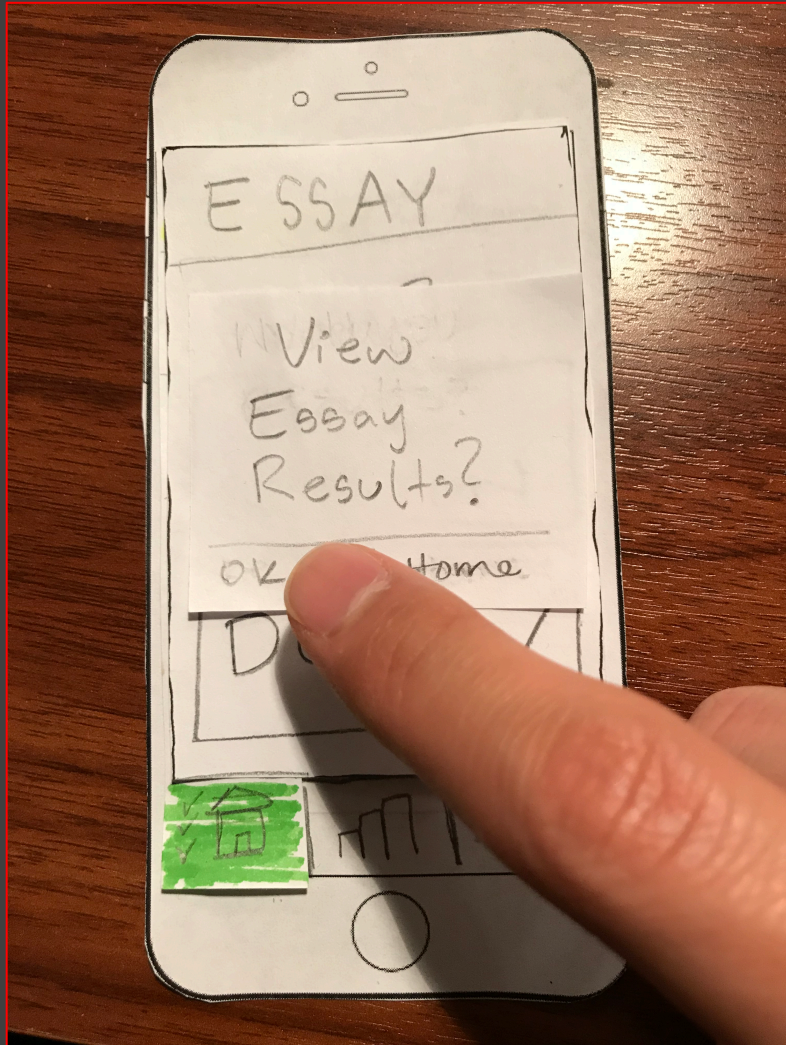
revisions



Drop-down results menu

Task #1

revisions



Clarified results prompts

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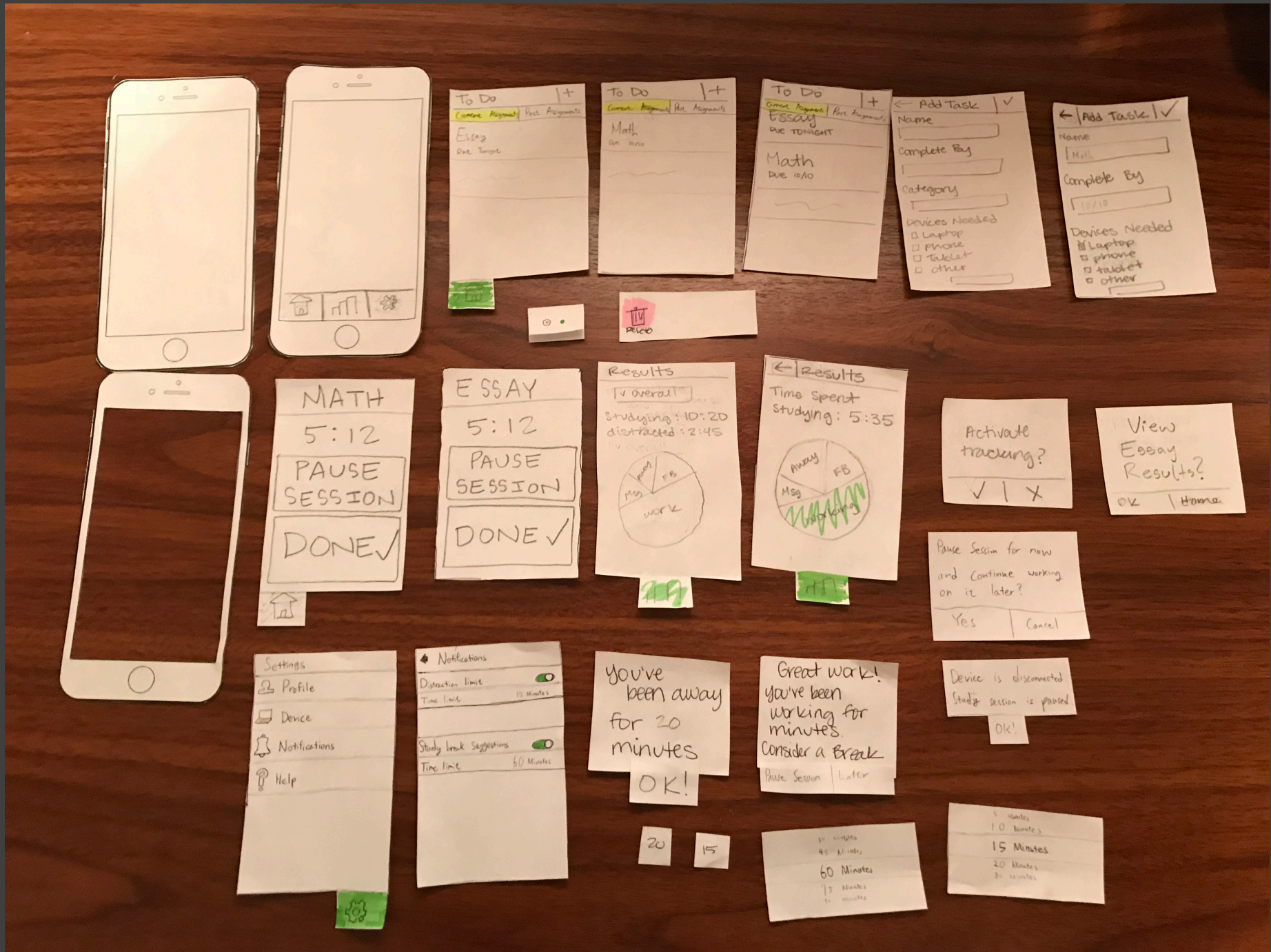
TASK #2:

Notifications - Revisions



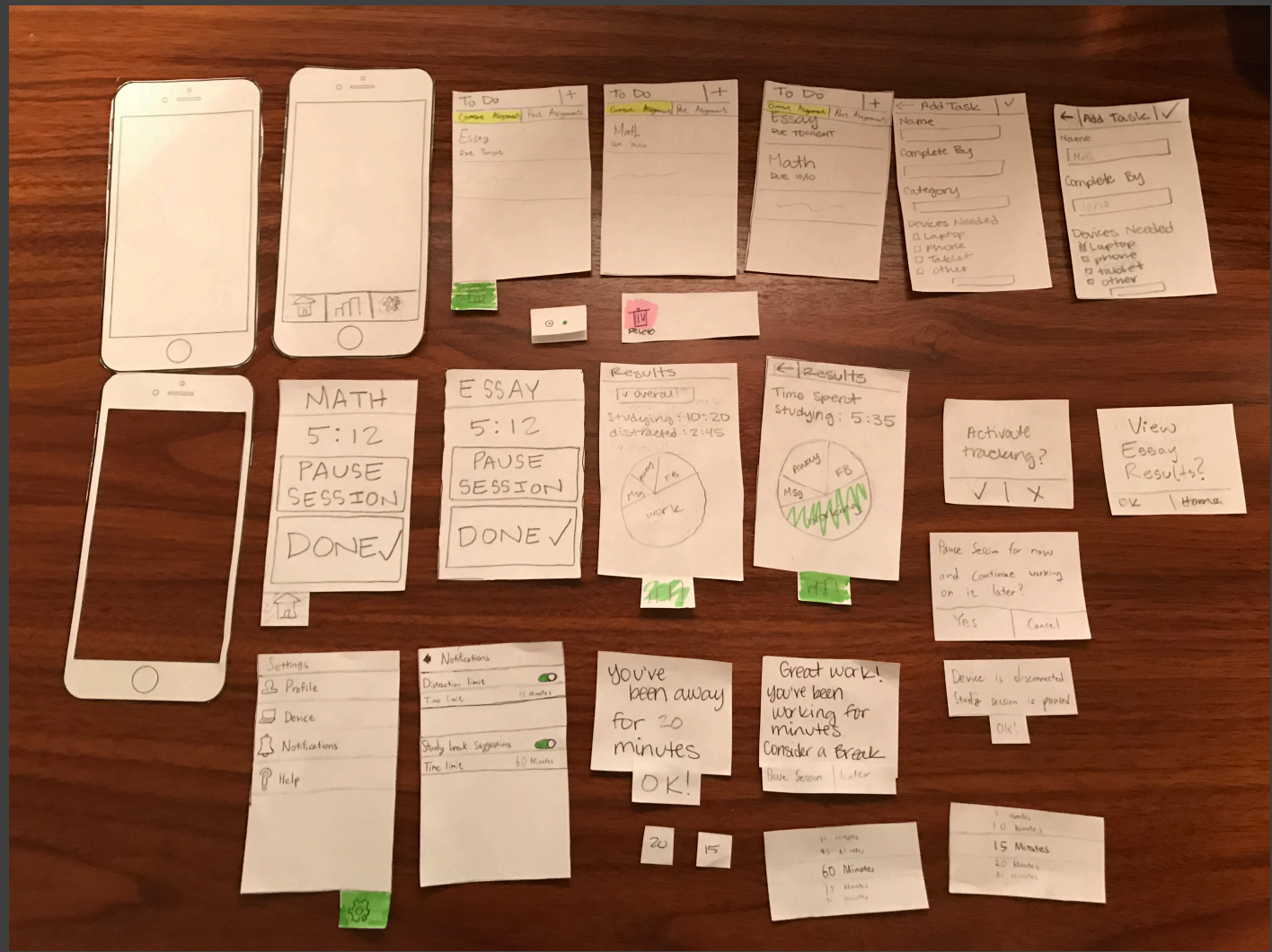
Task #2

revisions



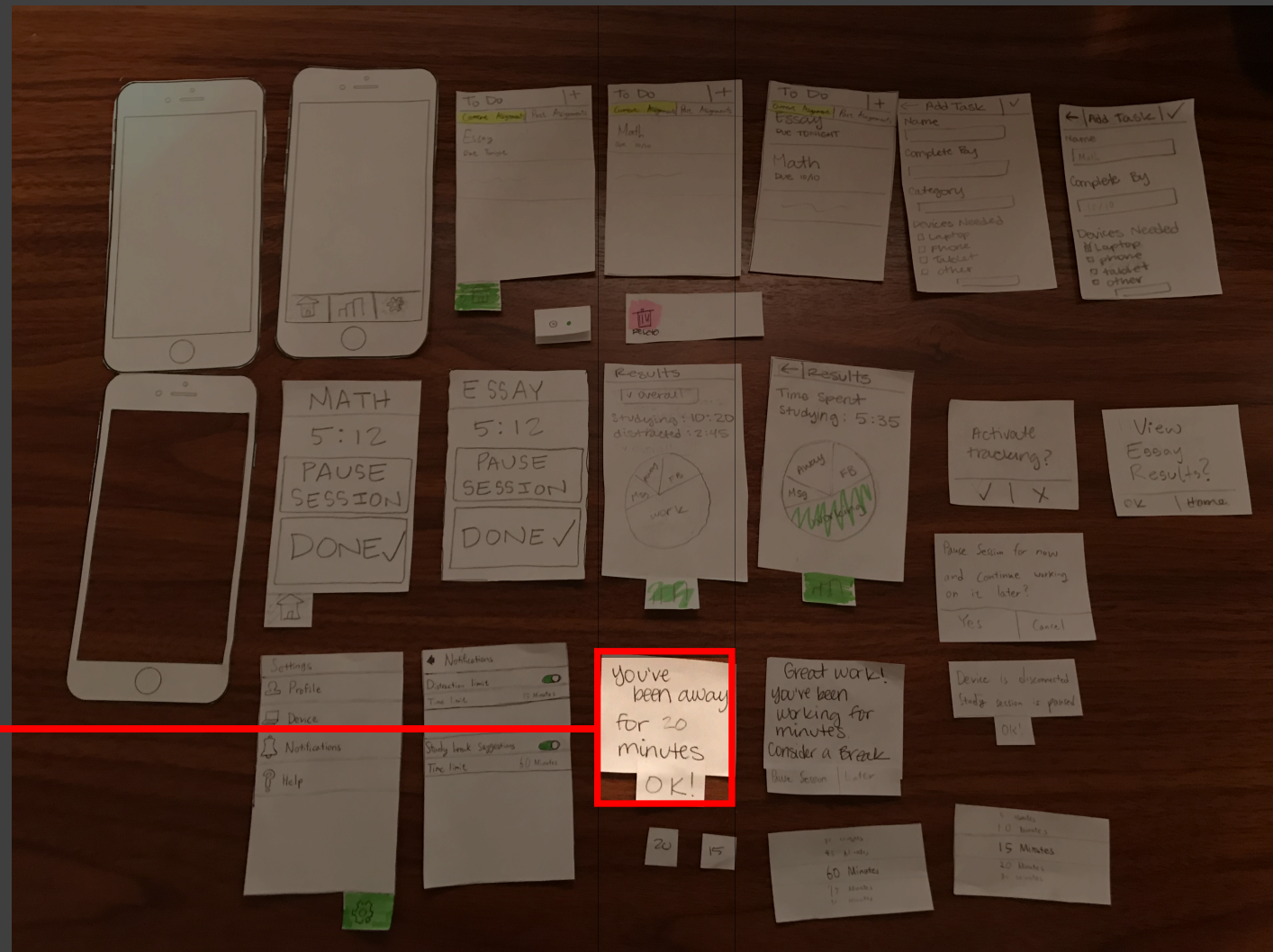
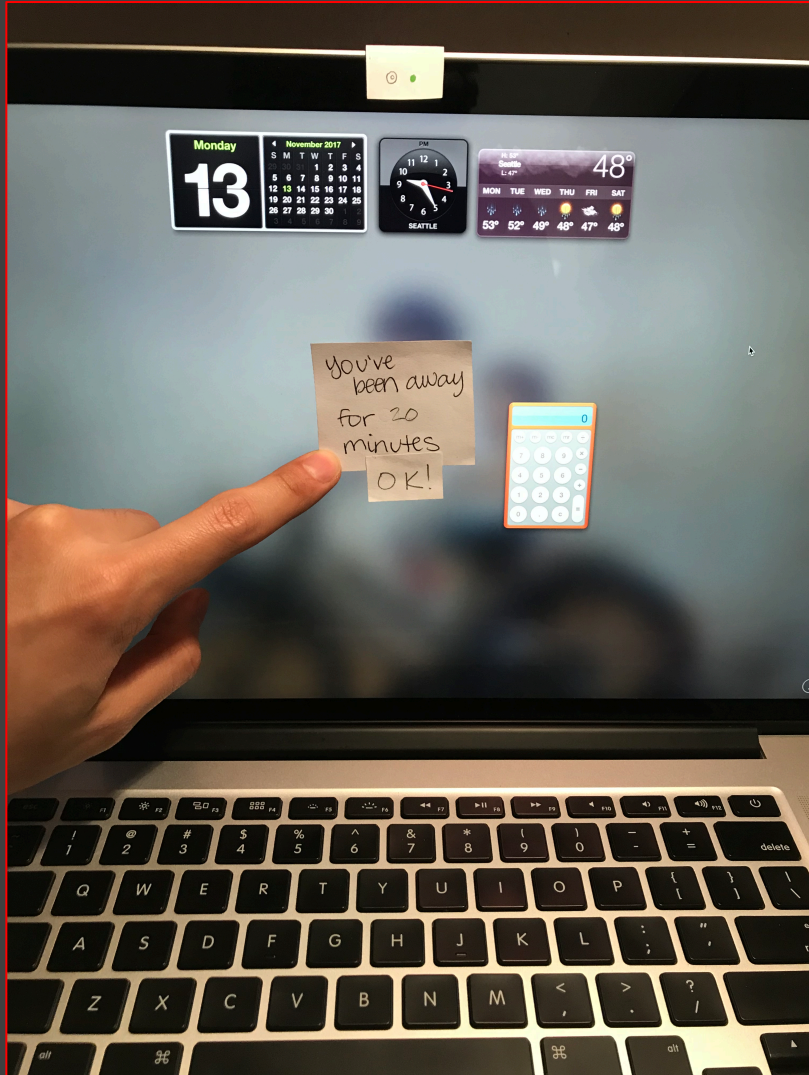
Task #2

revisions



Task #2

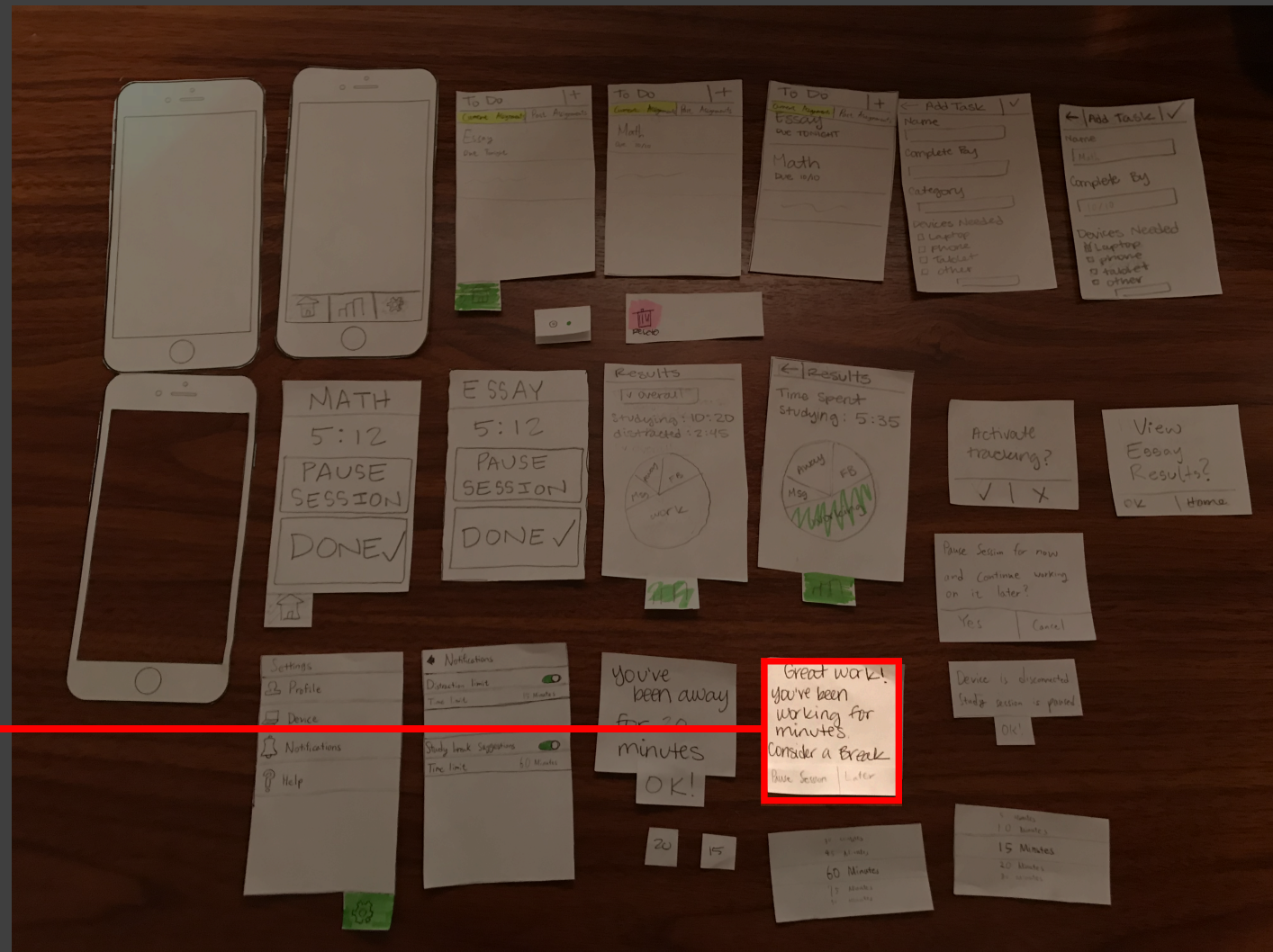
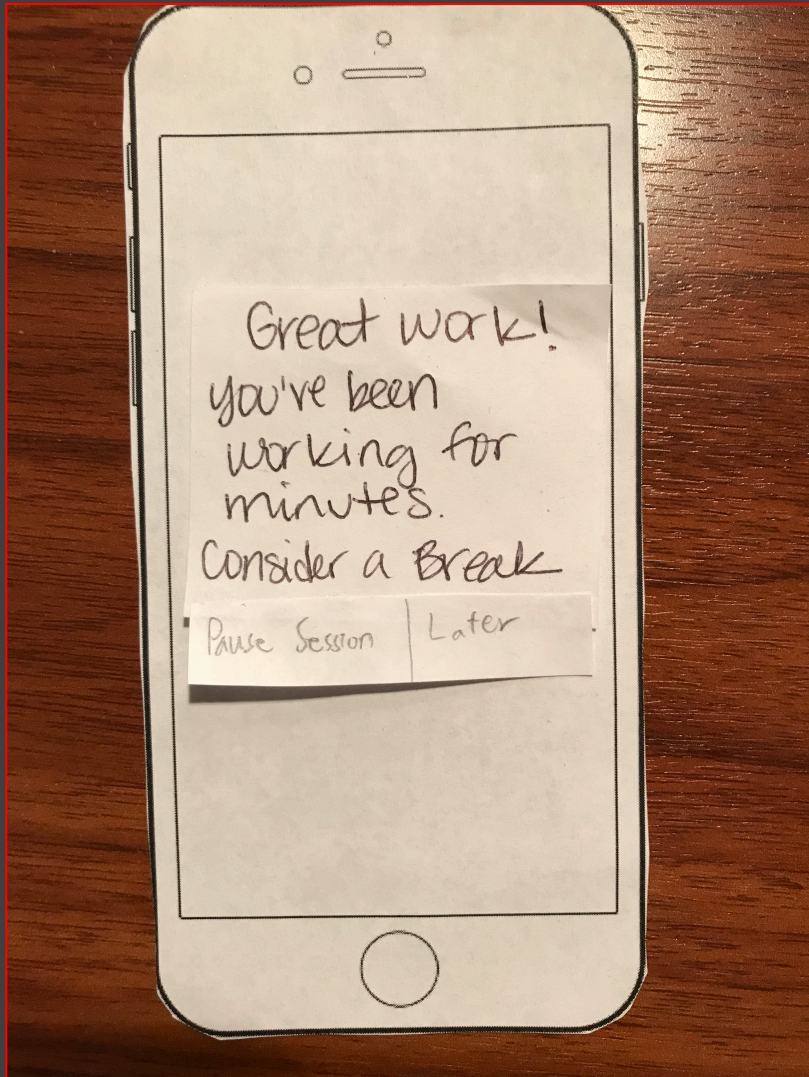
revisions



Multiple devices

Task #2

revisions



Direct navigation

DIGITAL MOCKUP

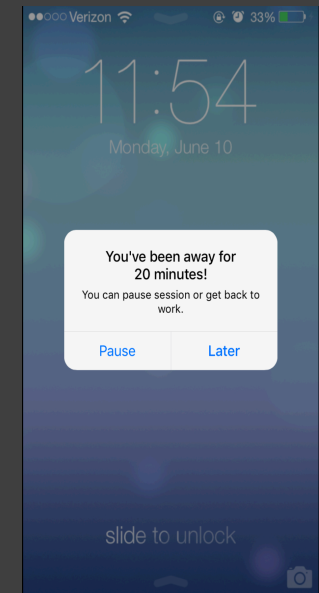
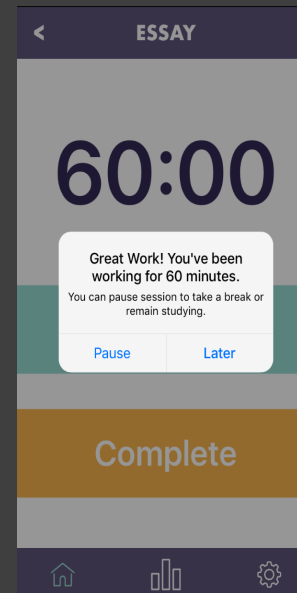
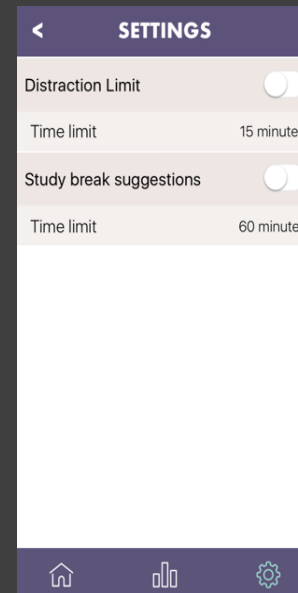
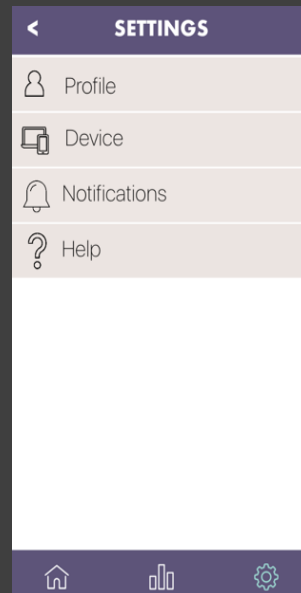
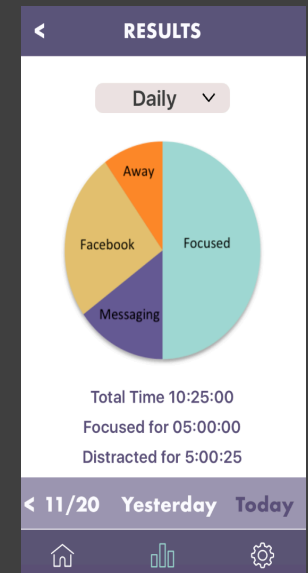
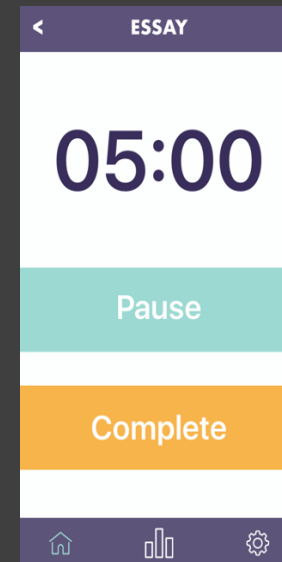
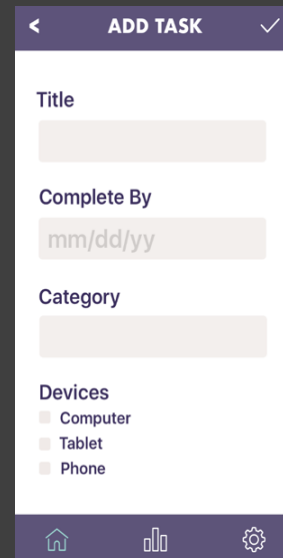
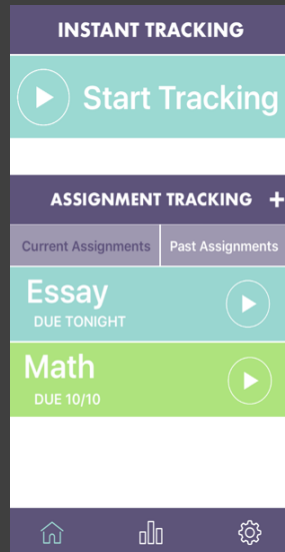
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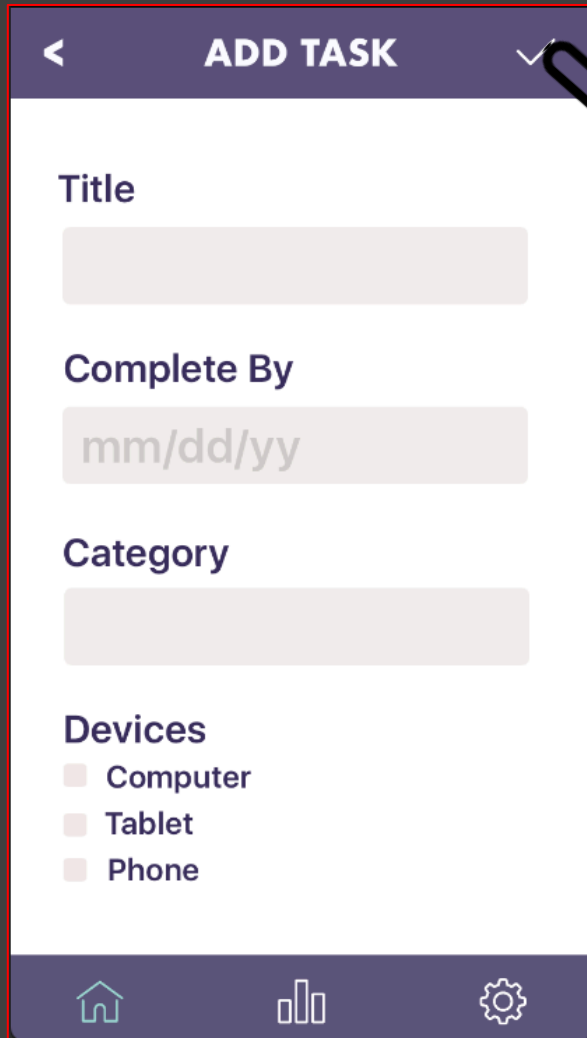
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ADD TASK ✓

Title

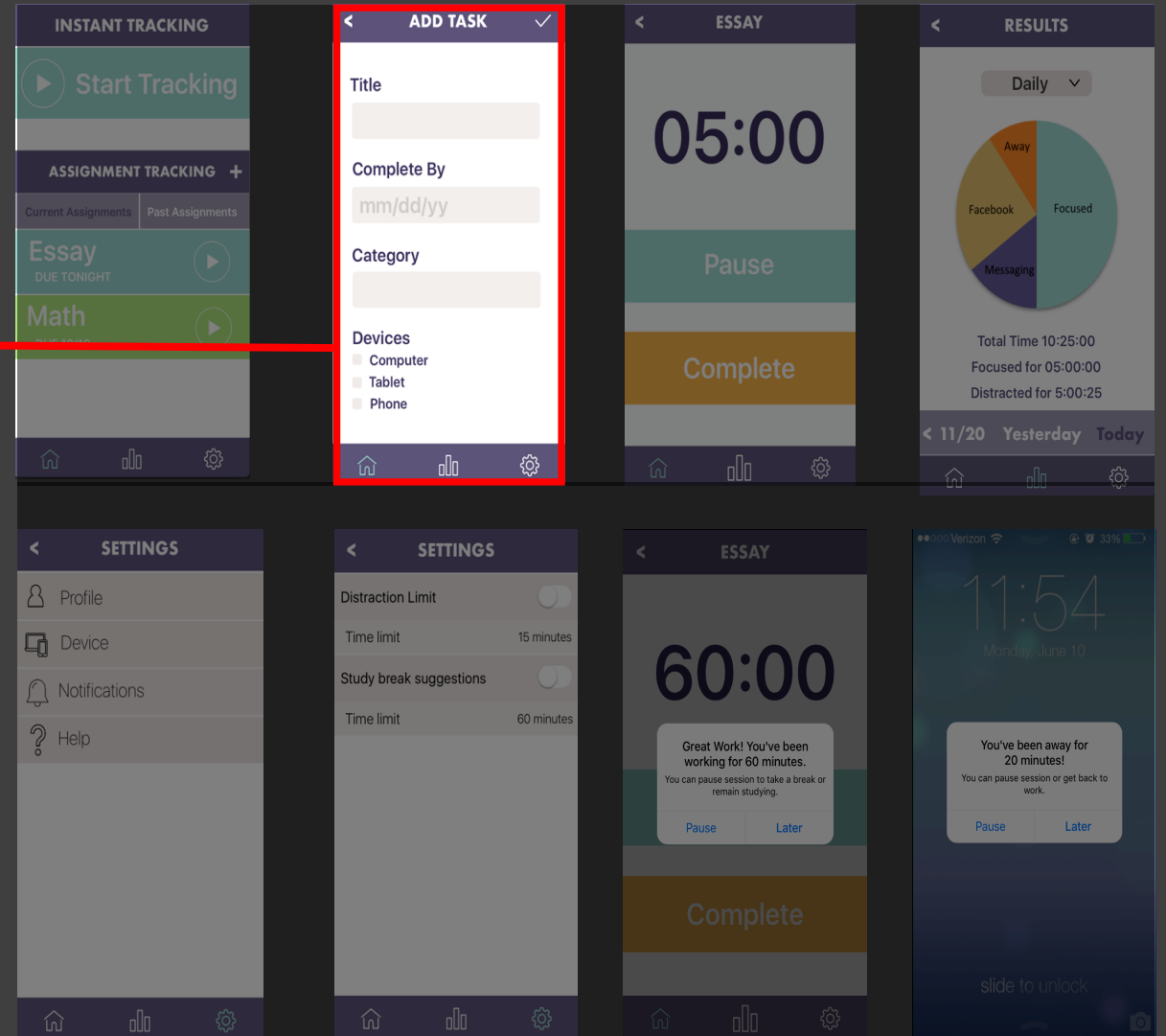
Complete By

mm/dd/yy

Category

Devices

- Computer
- Tablet
- Phone



INSTANT TRACKING

Start Tracking

ASSIGNMENT TRACKING +

Current Assignments Past Assignments

Essay DUE TONIGHT

Math

ADD TASK ✓

Title

Complete By

mm/dd/yy

Category

Devices

- Computer
- Tablet
- Phone

ESSAY

05:00

Pause

Complete

RESULTS

Daily

Away Focused Facebook Messaging

Total Time 10:25:00
Focused for 05:00:00
Distracted for 5:00:25

< 11/20 Yesterday Today

SETTINGS

Profile

Device

Notifications

Help

SETTINGS

Distraction Limit

Time limit 15 minutes

Study break suggestions

Time limit 60 minutes

ESSAY

60:00

Great Work! You've been working for 60 minutes.
You can pause session to take a break or remain studying.

Pause Later

ESSAY

11:54
Monday, June 10

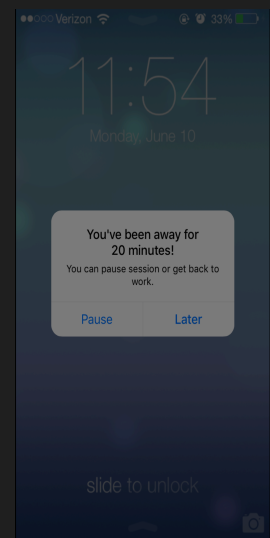
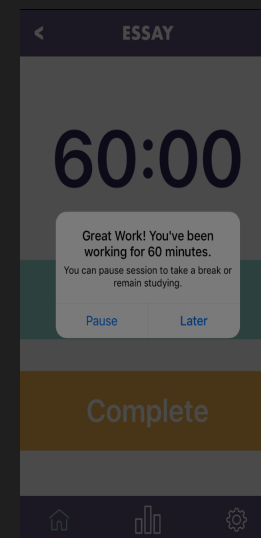
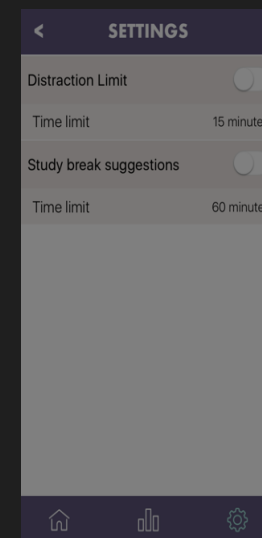
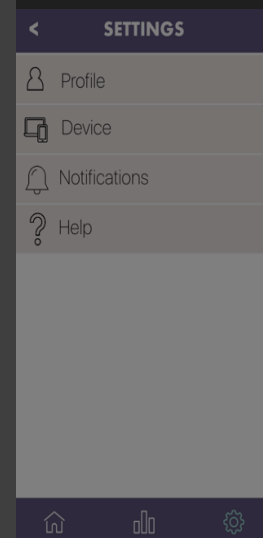
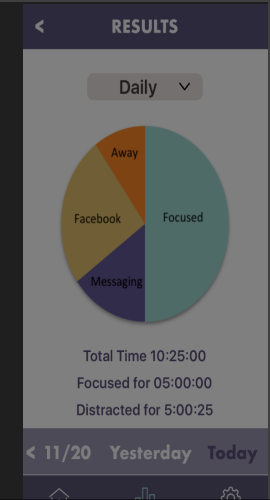
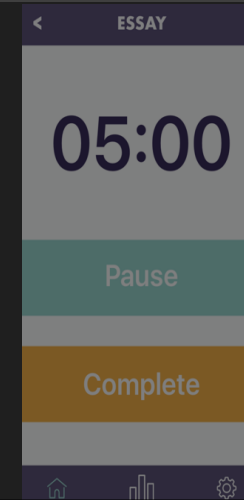
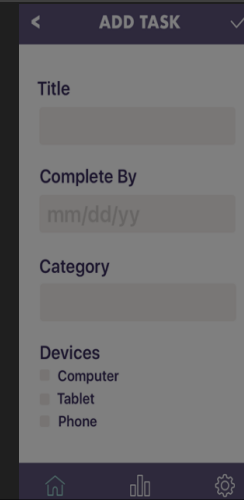
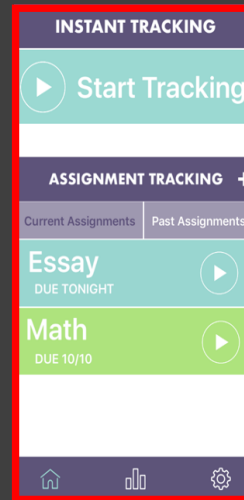
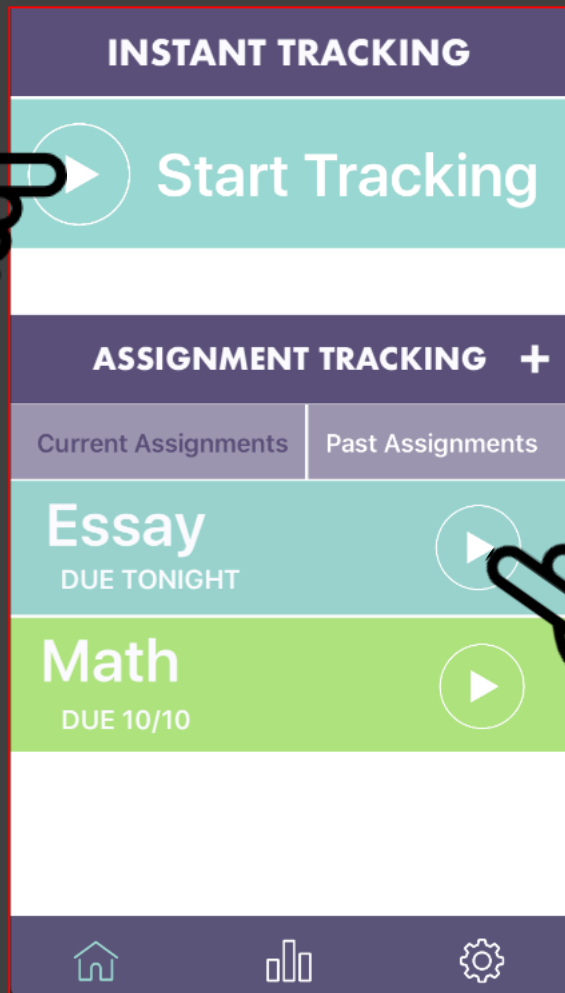
You've been away for 20 minutes!
You can pause session or get back to work.

Pause Later

slide to unlock

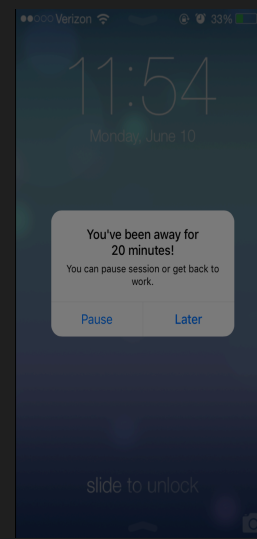
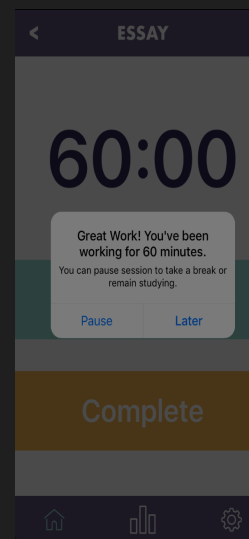
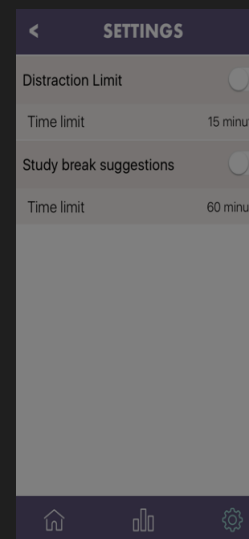
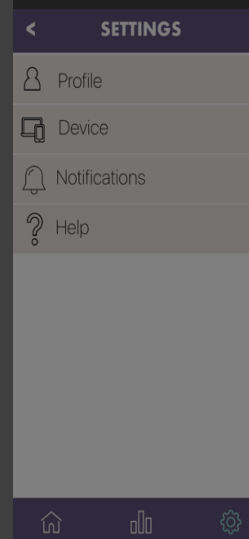
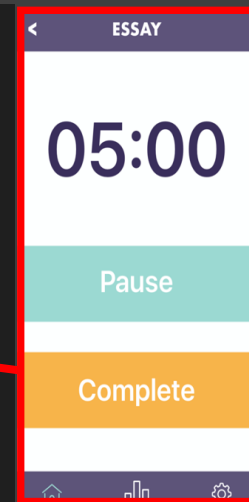
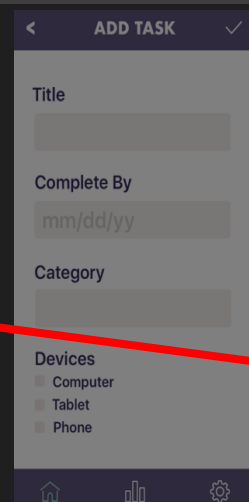
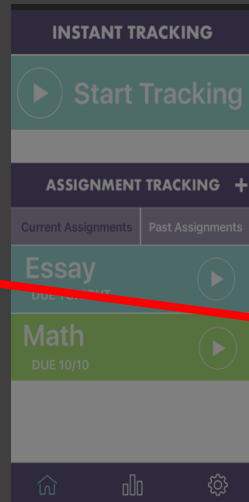
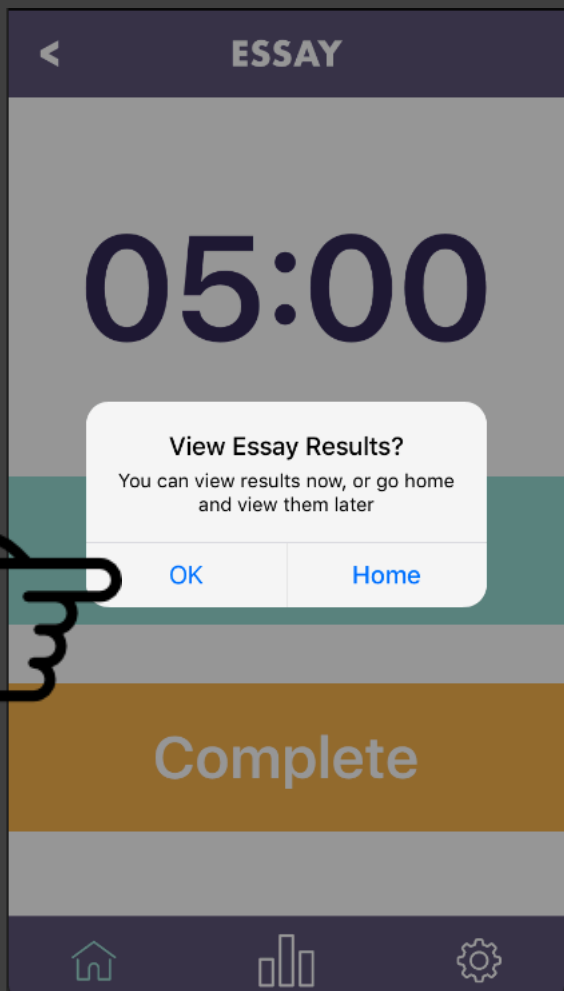
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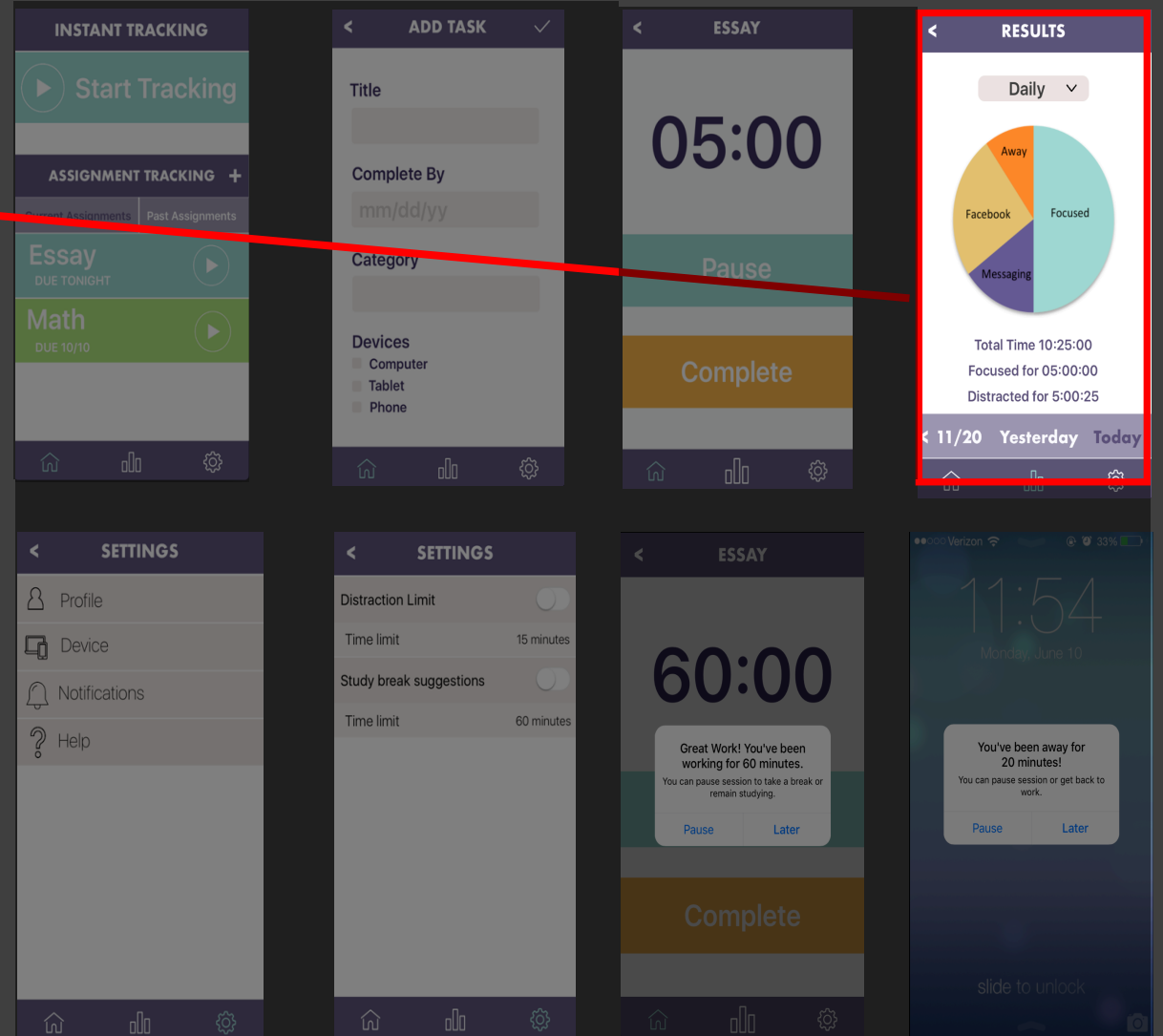
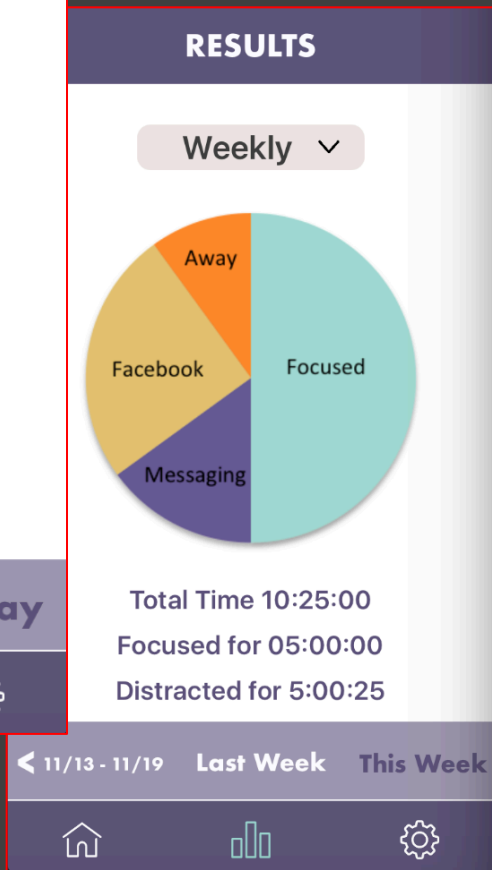
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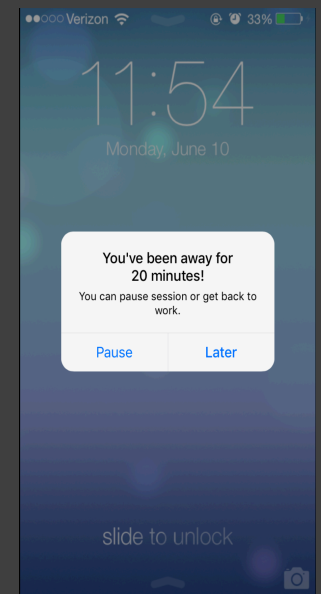
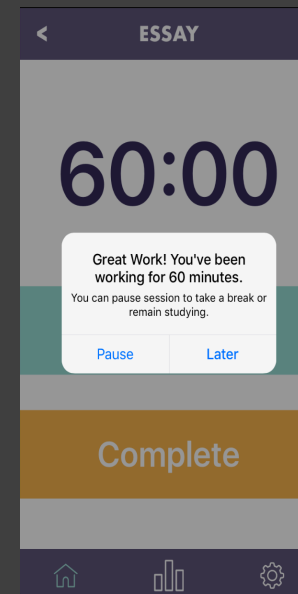
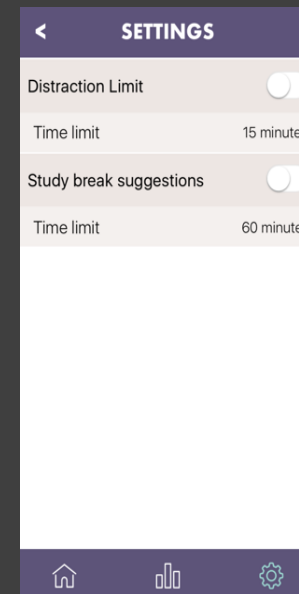
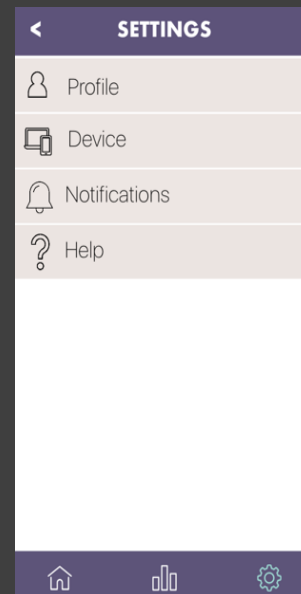
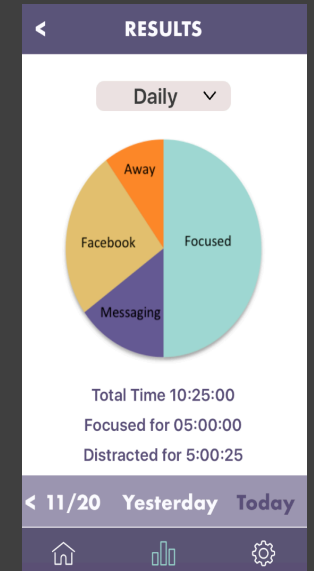
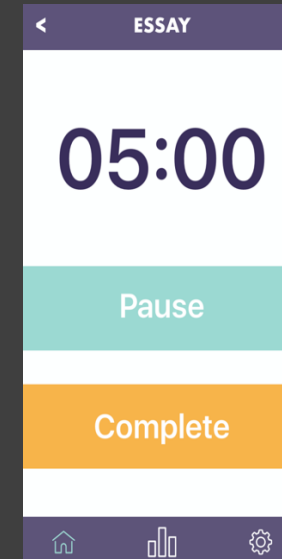
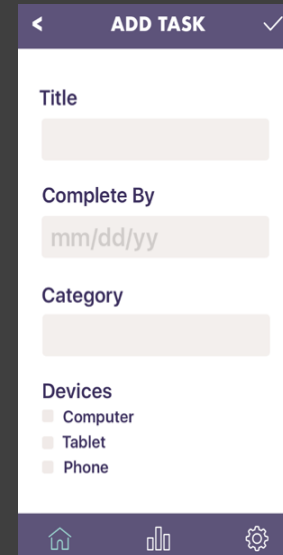
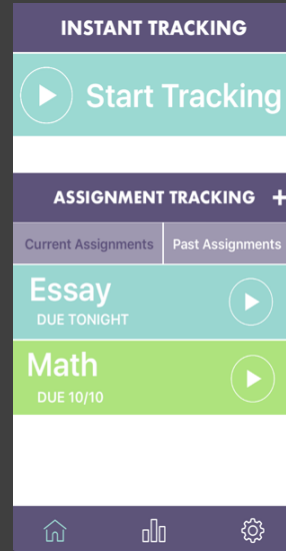
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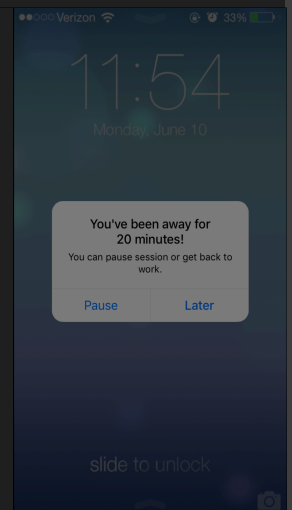
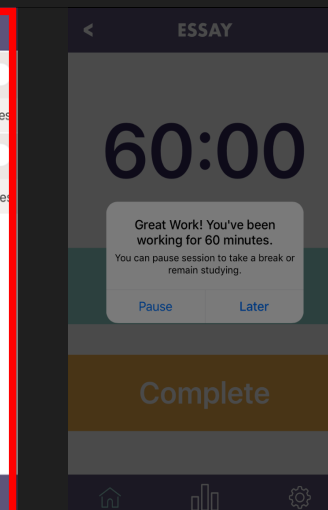
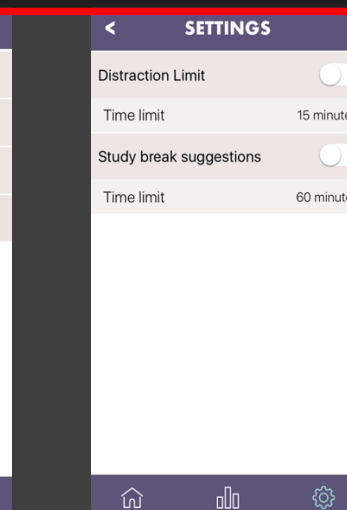
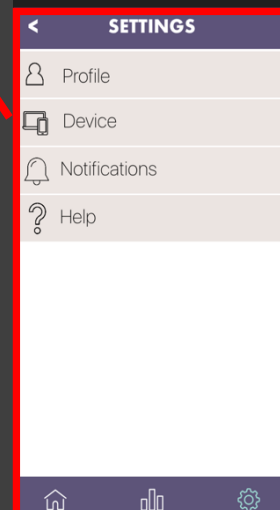
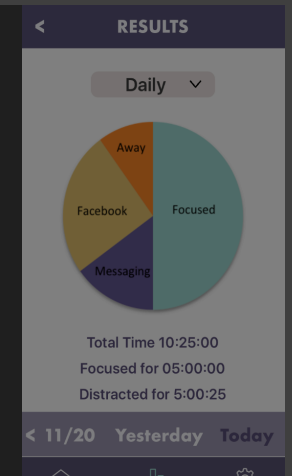
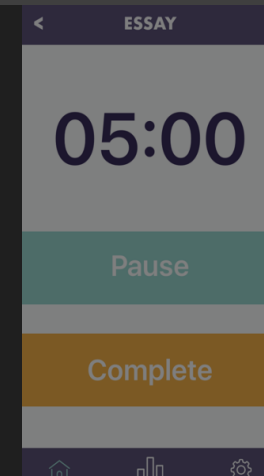
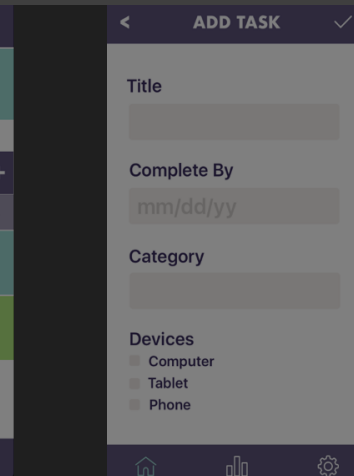
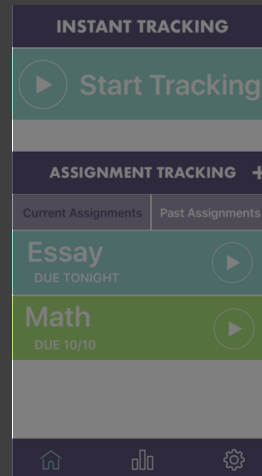
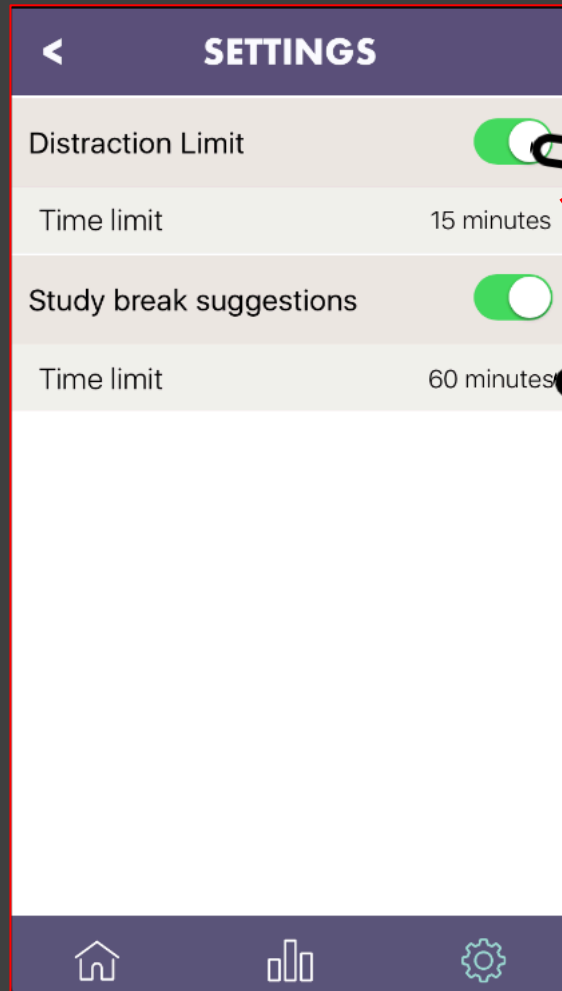
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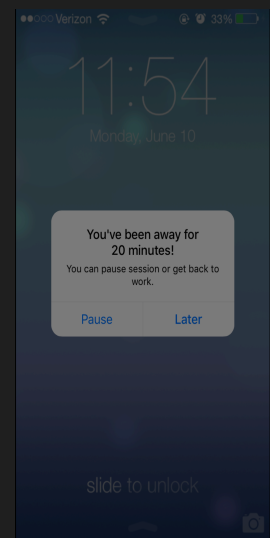
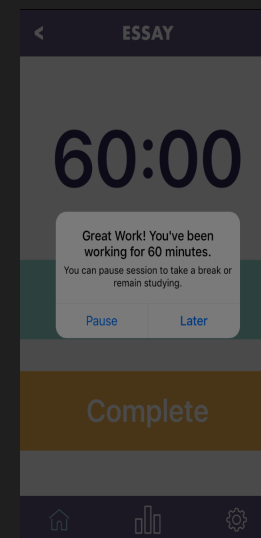
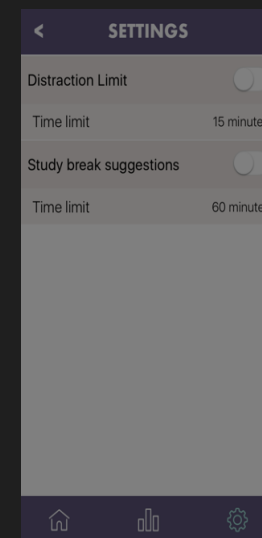
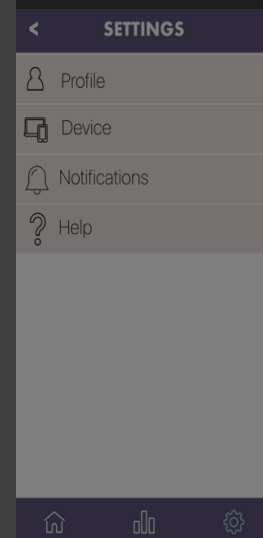
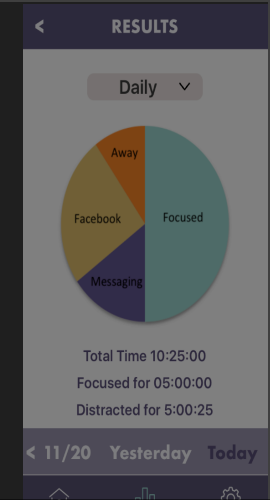
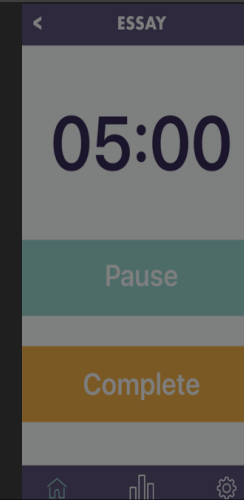
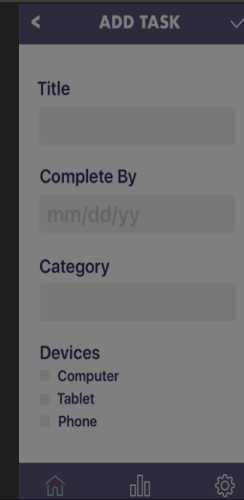
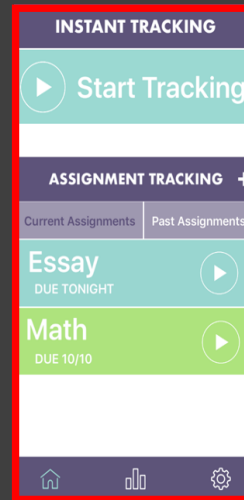
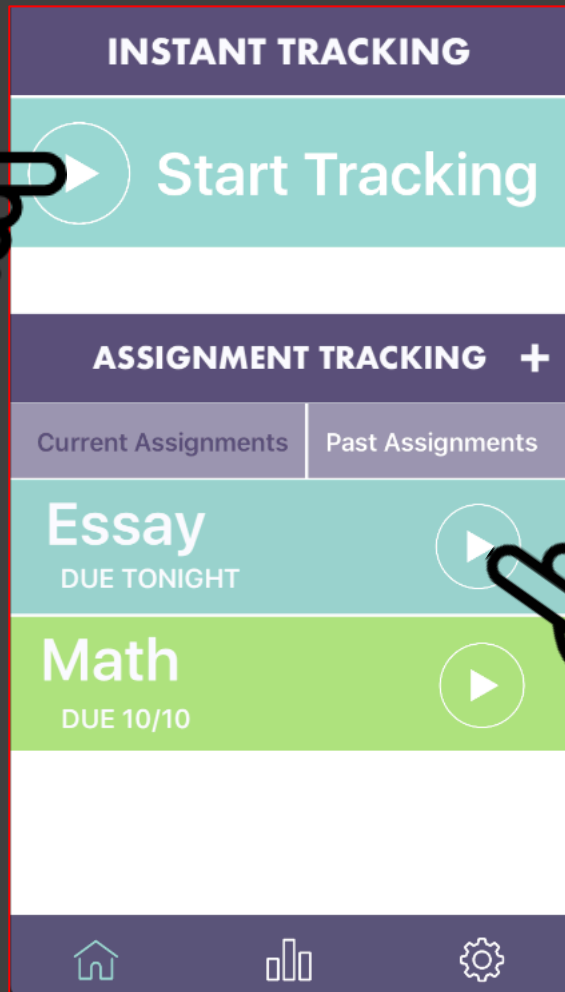
Task #2

- Set preferences
- Activate sensors
- Get Notifications



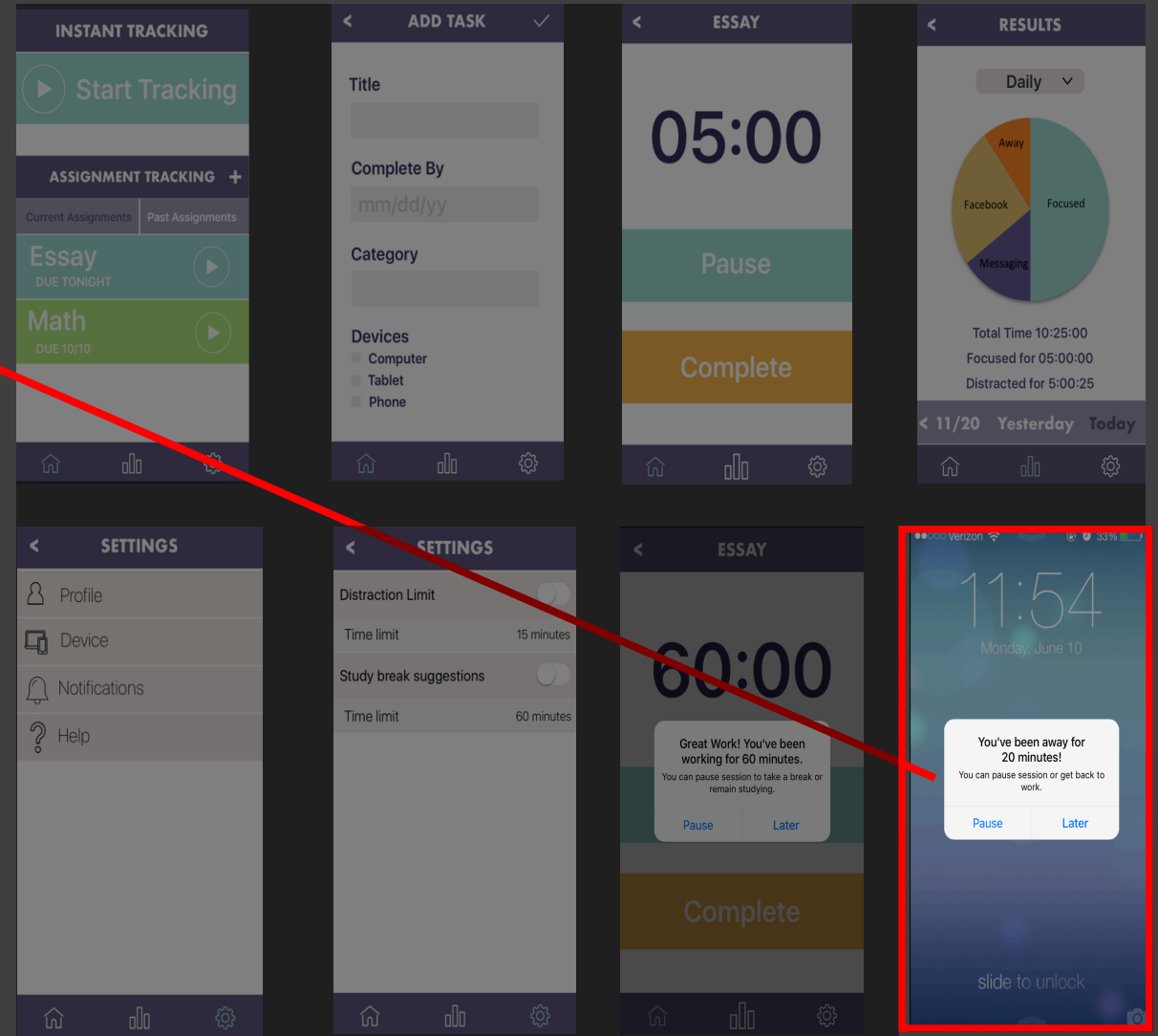
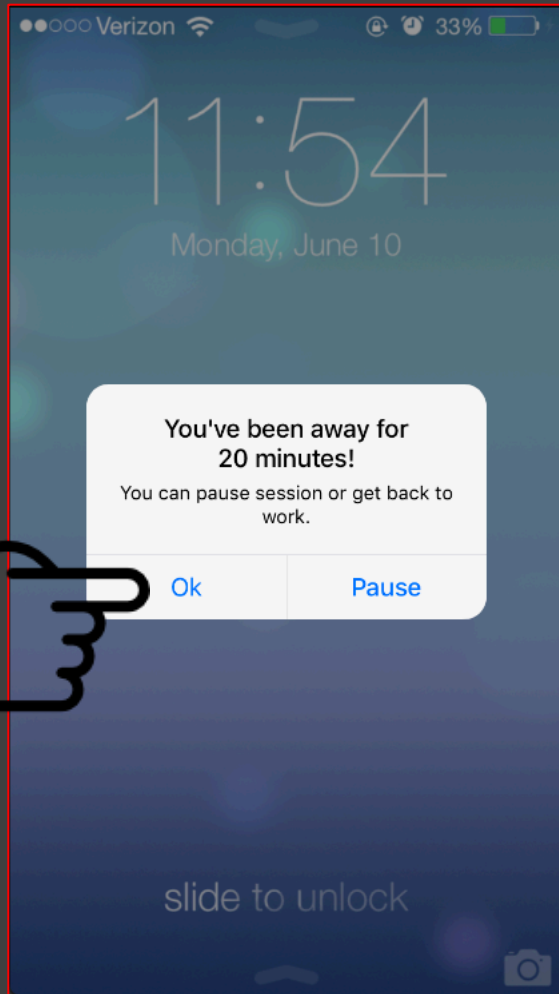
Task #2

- Set preferences
- Activate sensors
- Get Notifications



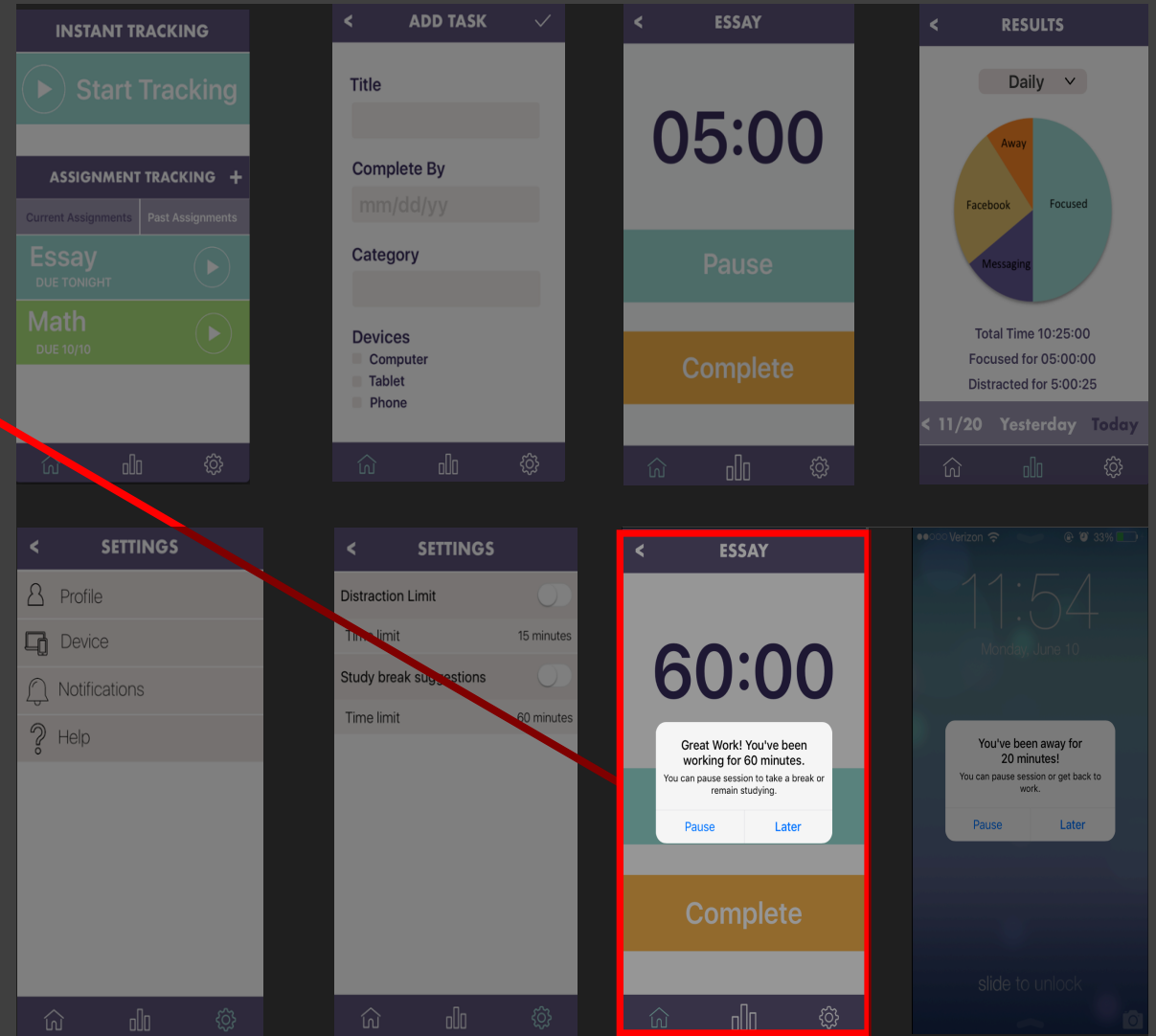
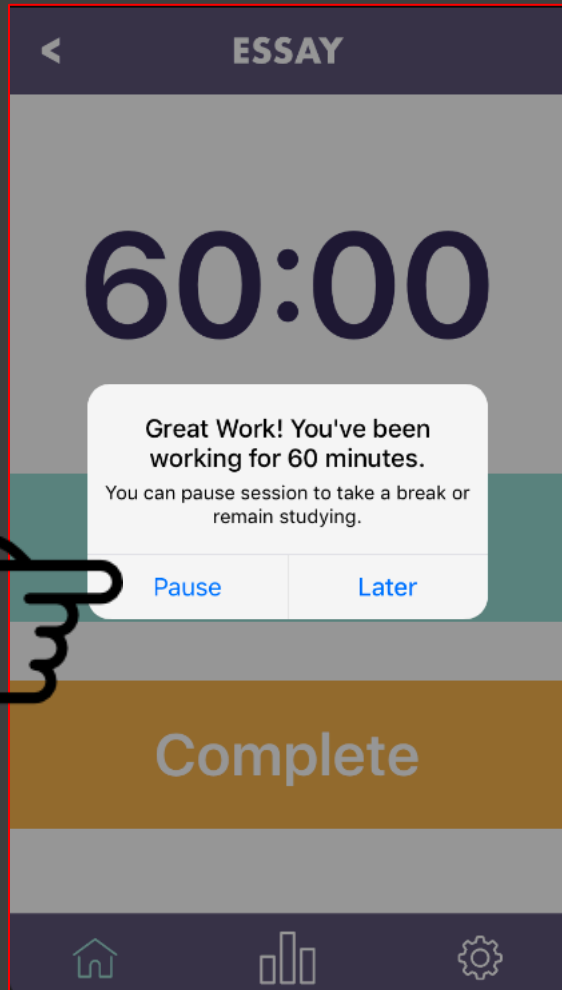
Task #2

- Set preferences
- Activate sensors
- **Get Notifications**



Task #2

- Set preferences
- Activate sensors
- Get Notifications



Summing it up

- Different participants will find different issues
- Testing strategies determine validity of the test
- Guidance is extremely important for usability
- Embrace participant ideas





THANKS FOR LETTING US

distract you

FOR THE LAST 7 MINUTES