

# DisTrack

*"Refocus Yourself"*

**Graeme Britz**

Max Suffel

**Maria Angela Suhardi**

Jackie Chui

Bryan Djunaedi

- **Project Manager**

- User Researcher

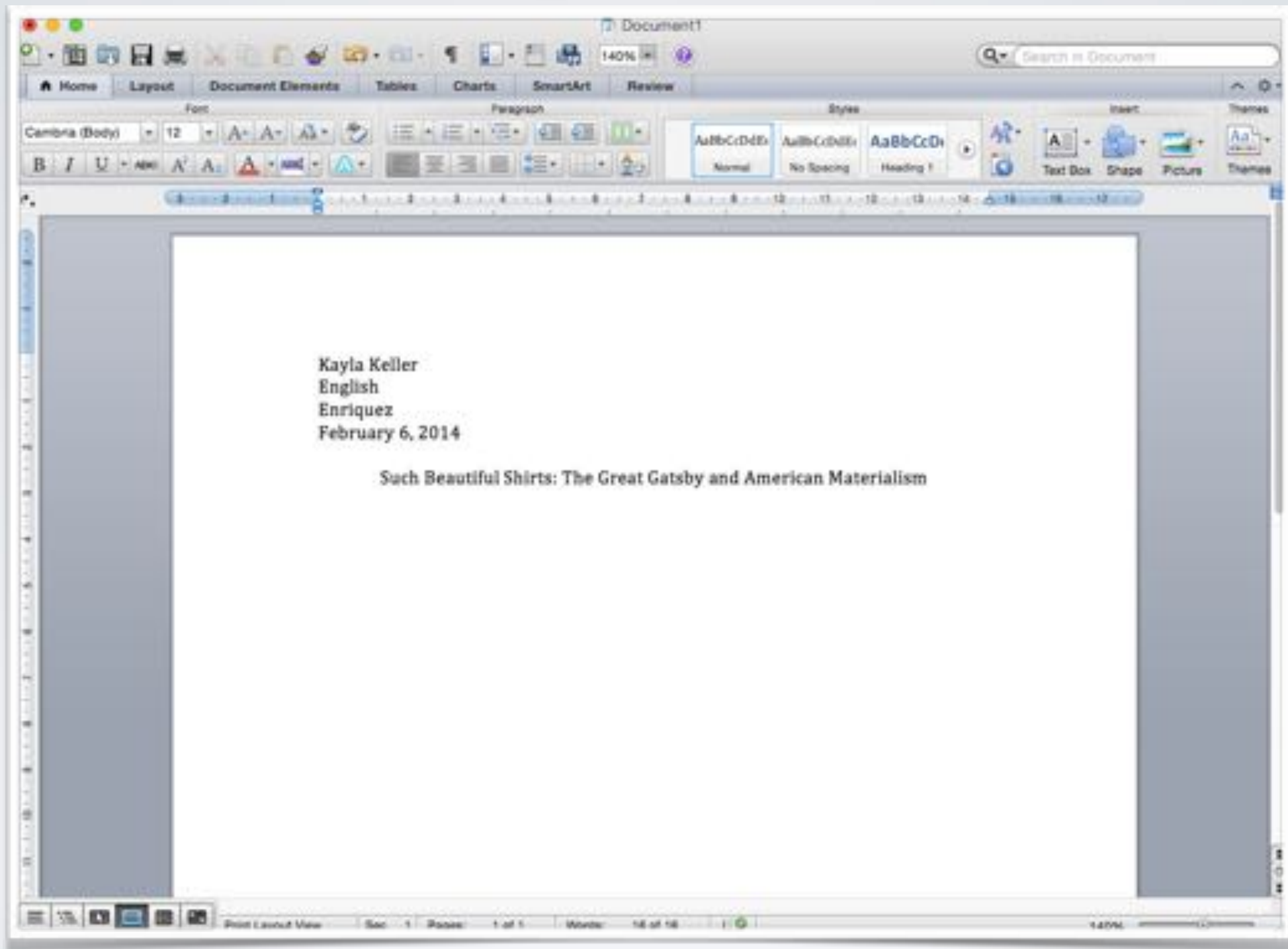
- **Designer**

- Designer

- Designer

PROBLEM







Kevin L. Smith  
Edit Profile

SUGGESTED

- News Feed
- Messages
- Events
- Photos
- Browse
- Ads Manager

PAGES

- DC Business Solutions
- Pages Feed
- Like Pages
- App Center
- Gifts
- Post
- Flu Tool
- VIVO
- McAfee Social Protection
- Games Feed

GROUPS

- Class of 2010
- DC CAP Temple Universi...
- Add Group...

MOBILE

Friends on Chat

Update Status Add Photos/Video

What's on your mind?

Sort: Most Recent

**Upcoming Events**

**JACQUES RENALTY & JUSTIN MILLER + CALE PARKS**  
 March 9 at 10:00pm  
 Brass Nova Civic Club in Brooklyn, New York  
 Join - 81 people are going

See 1 more

**LET'S PLAY HOUSE**  
 George Fitzgerald, "Thinking Of You"

George Fitzgerald, "Thinking Of You"  
 www.spryt.com  
 George Fitzgerald, "Thinking Of You"

Like · Comment · Share · View post · 20 minutes ago

Jennifer Caitlin Welsh  
 Oh good morning cats! Are you telling me to get off my phone and feed you? Do you promise not to jump on me if I do?

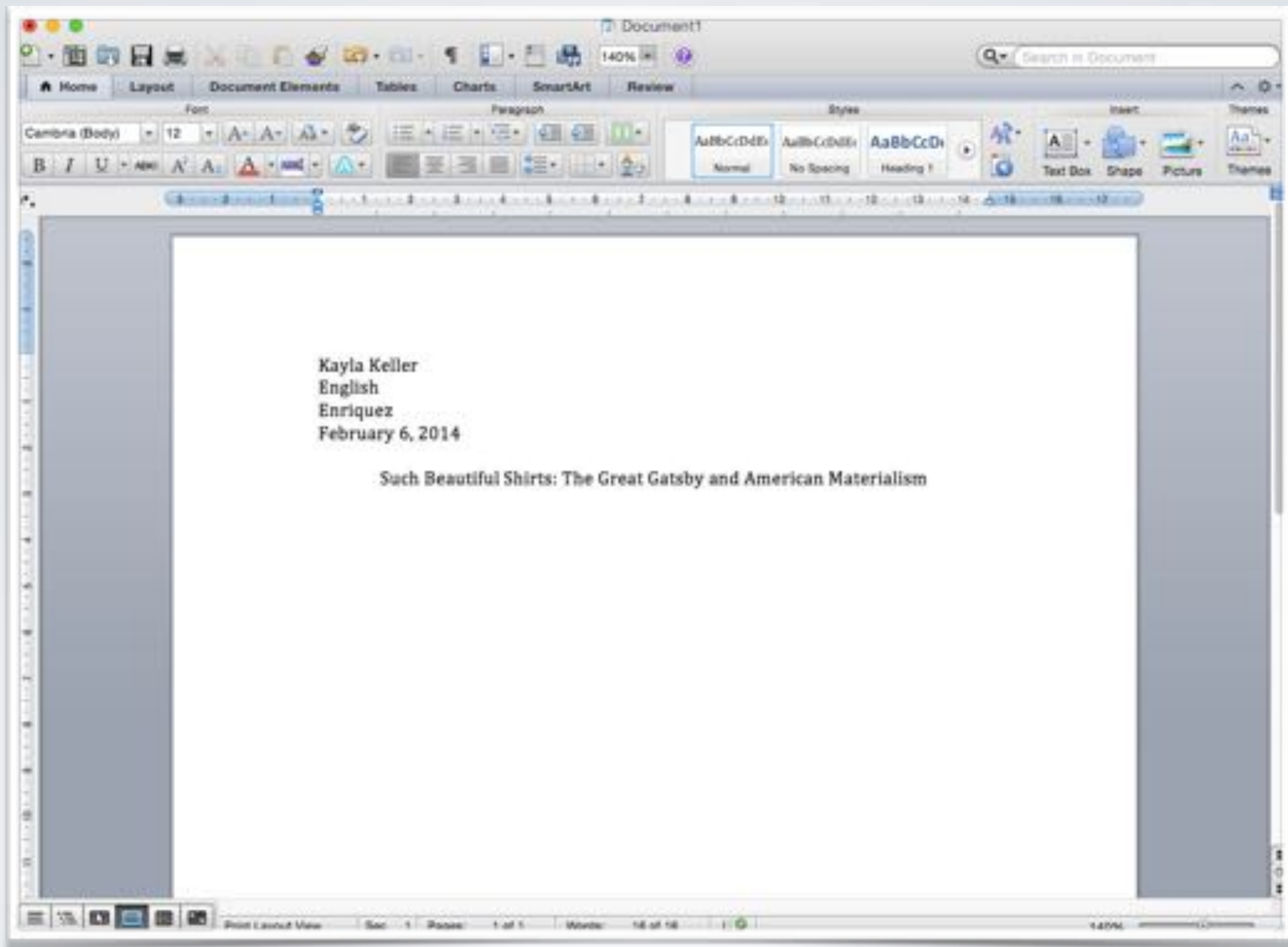


- Iman Jordan and 1 other
- Create Event
- 3 requests from La Mar

Games You May Like

**Zombie Lane**  
 1,000,000 people play Zombie Lane.  
 Play Now

Facebook © 2013  
 English (US) · Privacy · Terms · Cookies · More



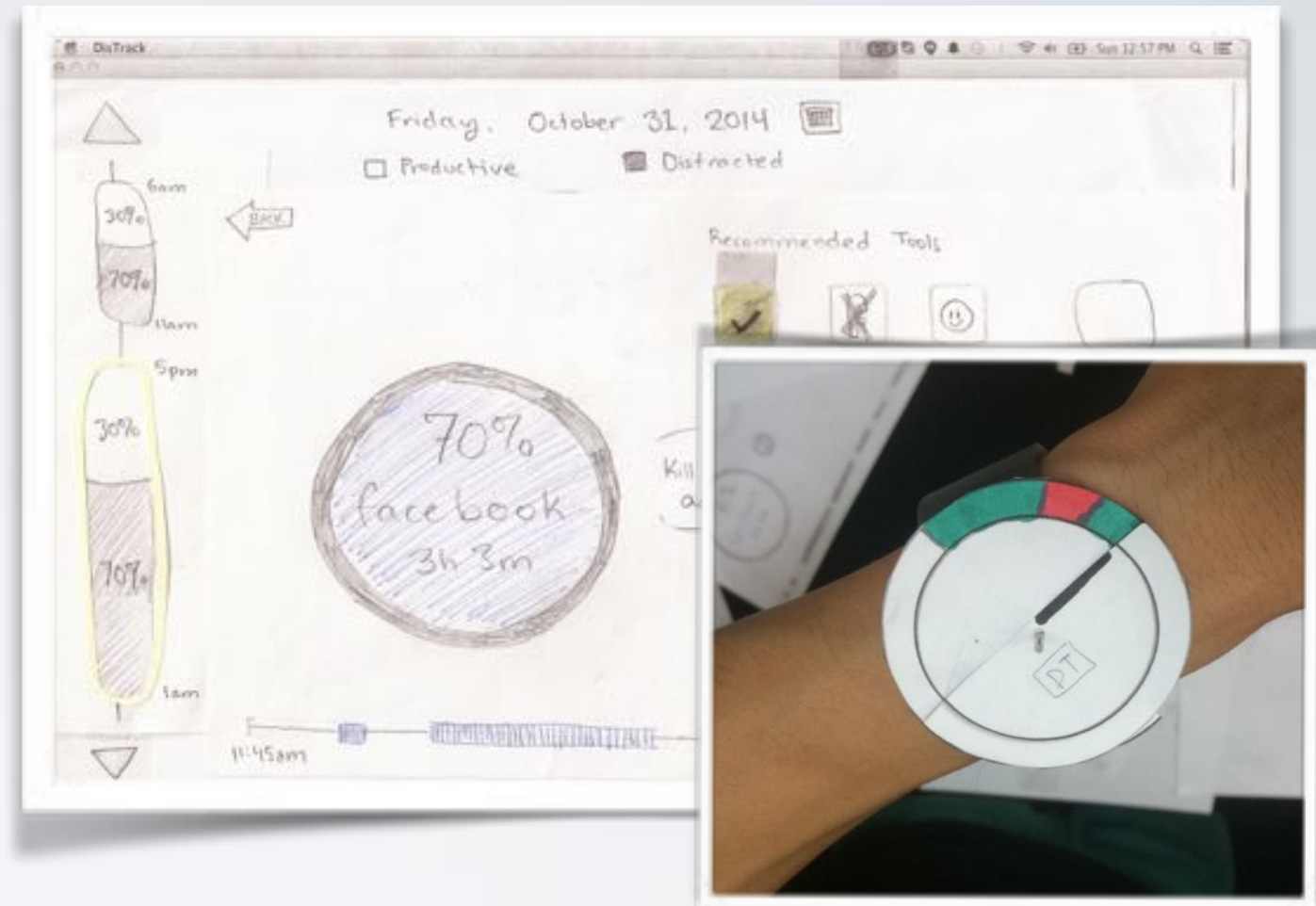




**ONE DOES NOT SIMPLY**

**STUDY WITHOUT TAKING 2 HOURS  
BREAK EVERY 5 MINUTES**

# FIRST PAPER PROTOTYPE



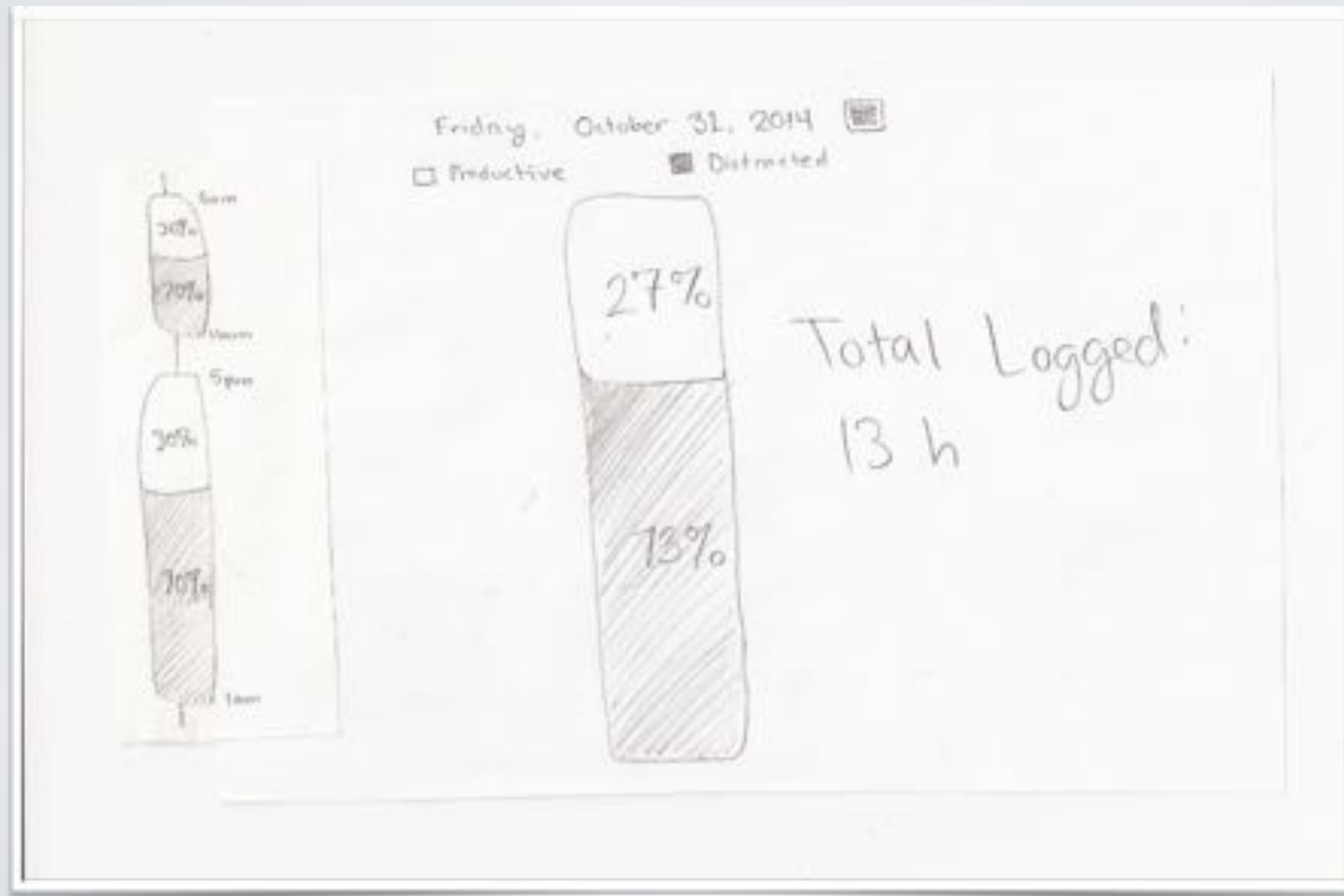


# PRIMARY TASKS

1. Reflecting on past study sessions
2. Finding and using tools to help stay focused when work mode is on

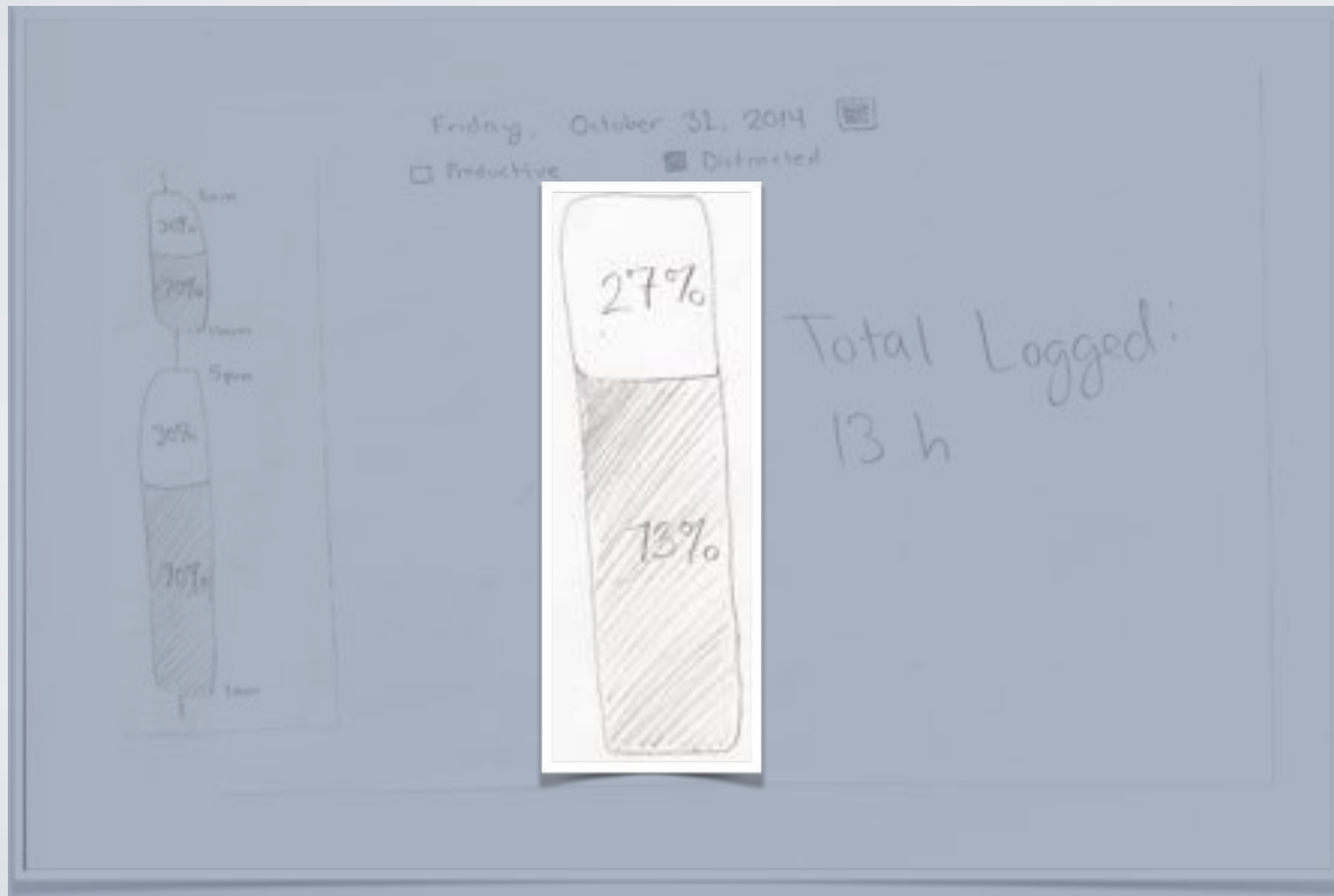
# TASK 1: REFLECT ON PAST STUDY SESSIONS

Reflect mode with overall view



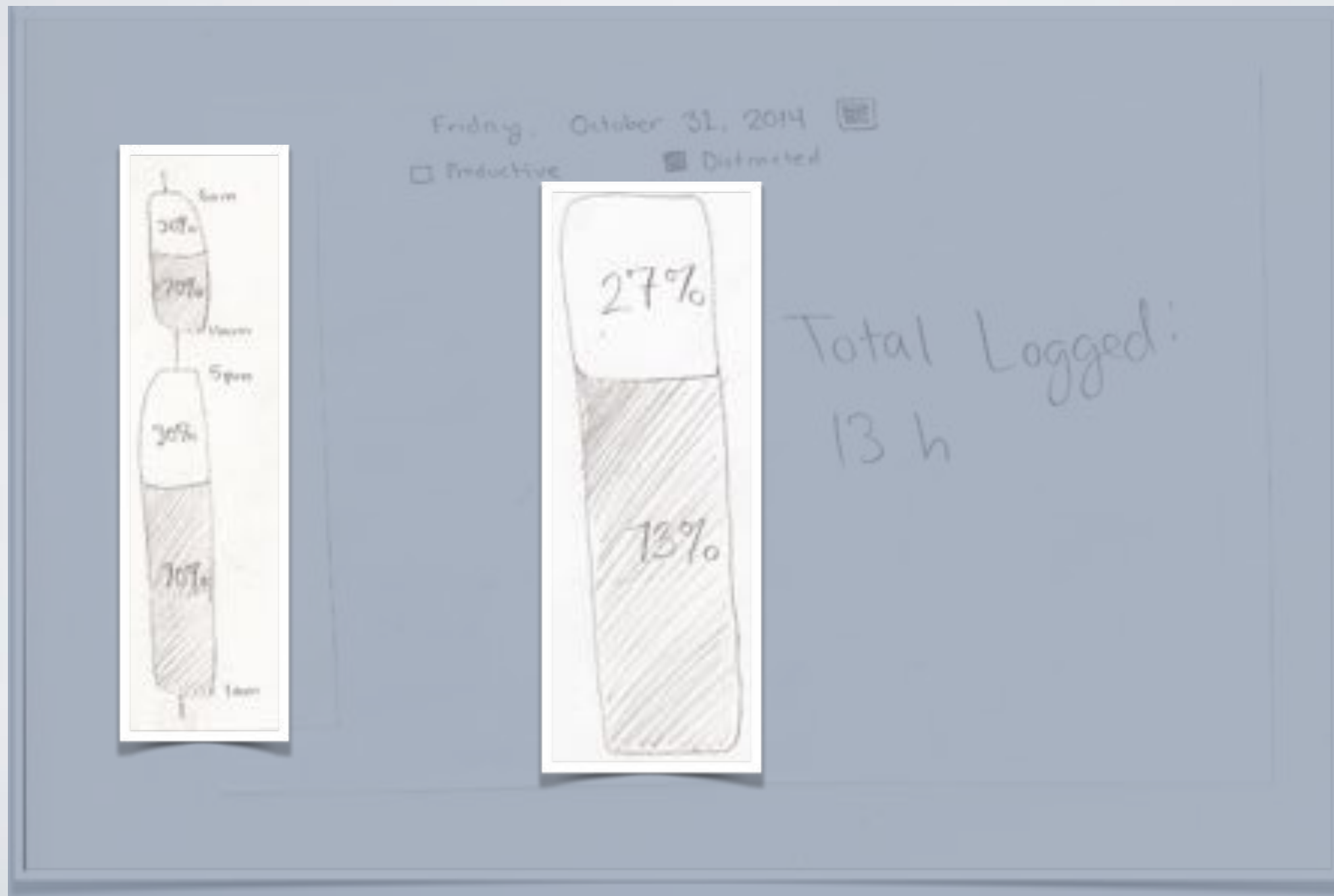
# TASK I: REFLECT ON PAST STUDY SESSIONS

Reflect mode with overall view



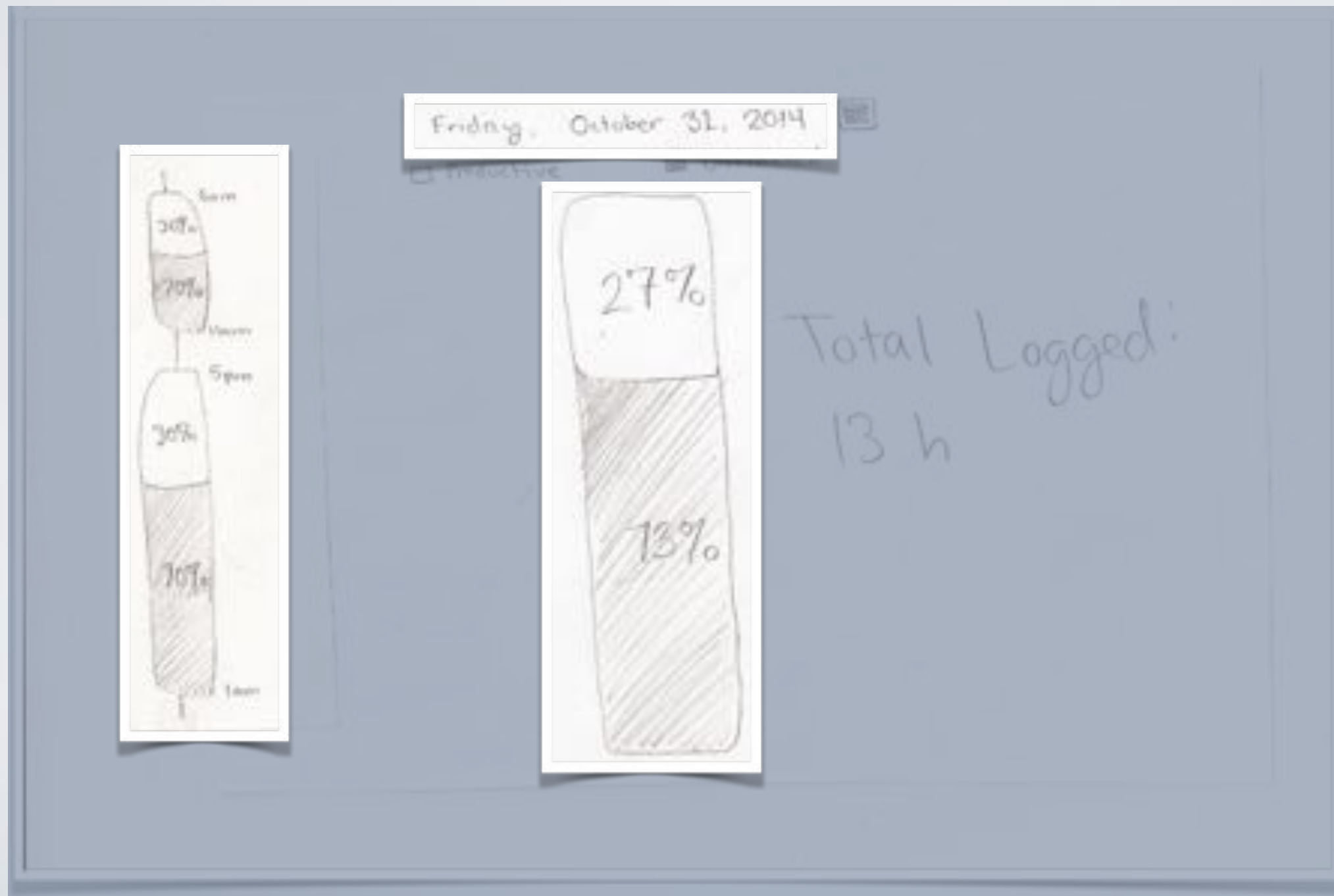
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Reflect mode with overall view



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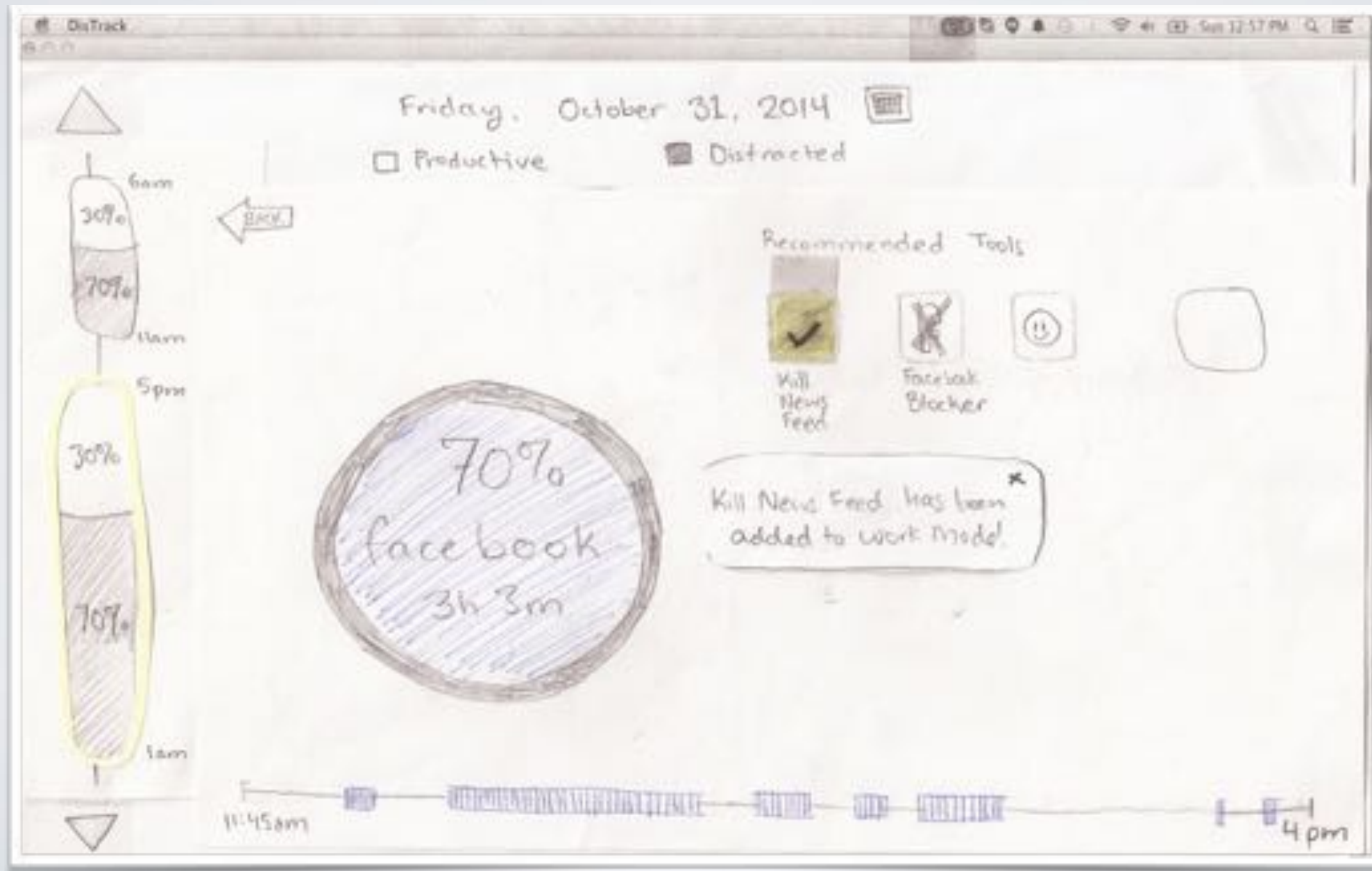
Reflect mode with overall view





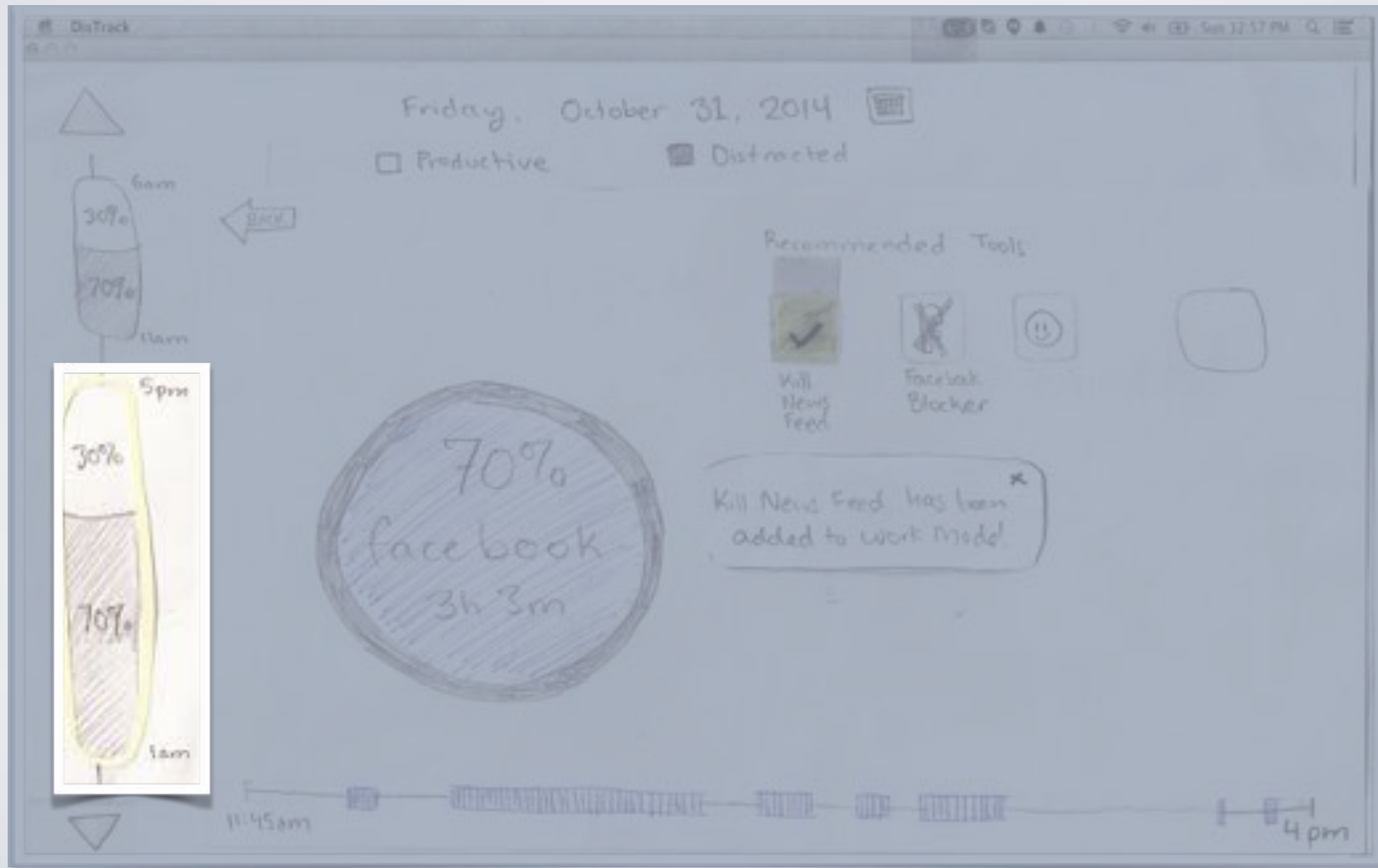
# TASK 2: FINDING TOOLS TO STAY FOCUSED

Recommended tools for a specific activity



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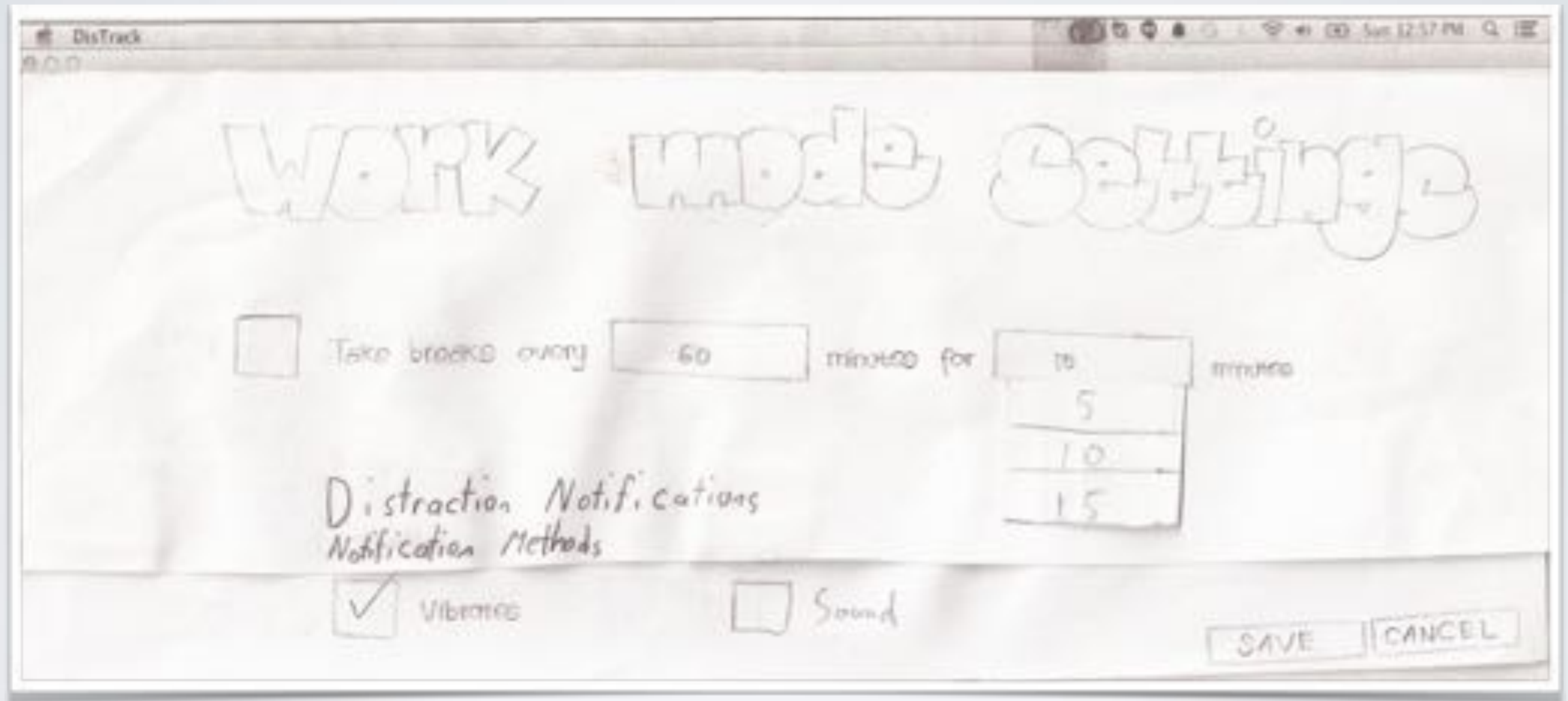
Recommended tools for a specific activity





# TASK 2: SETTING UP WORK MODE TOOLS

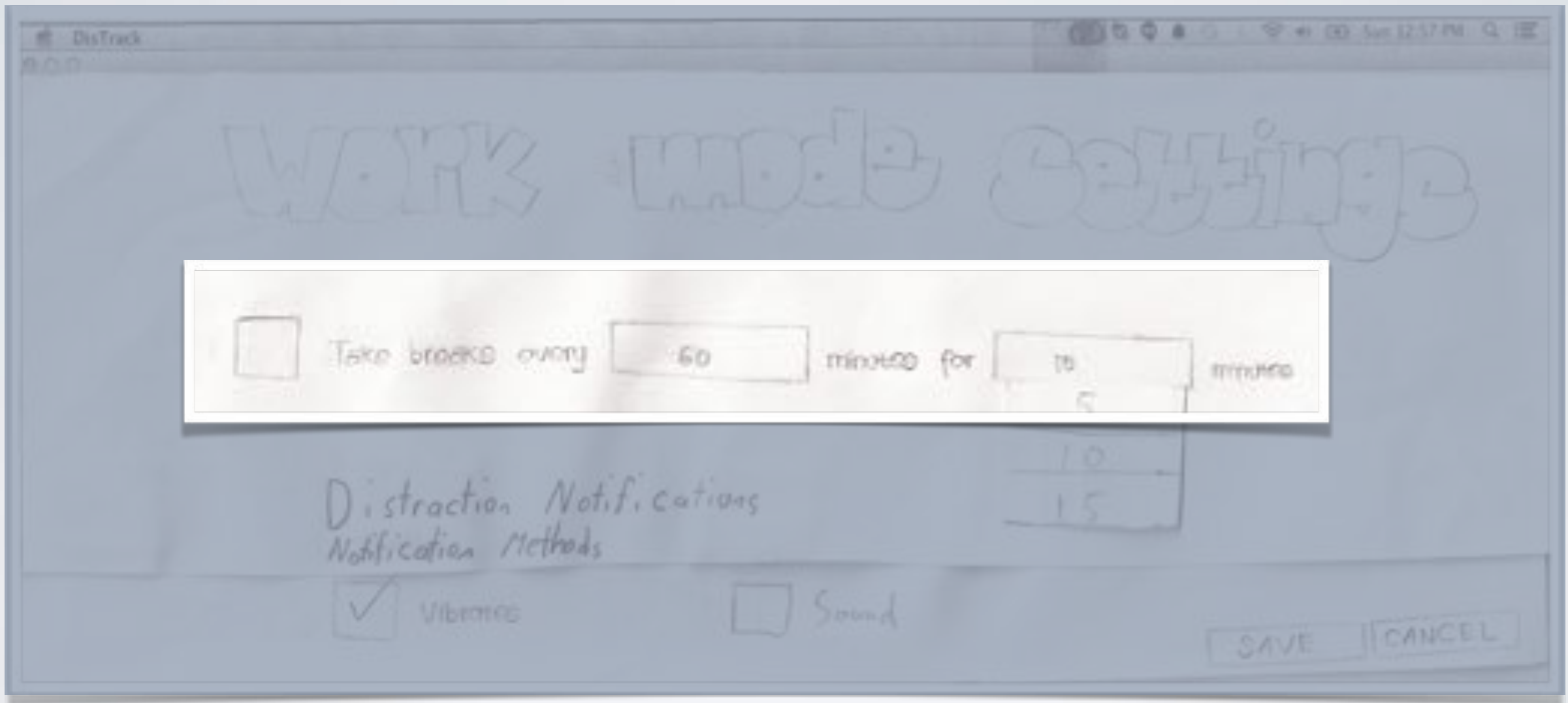
## Work mode settings





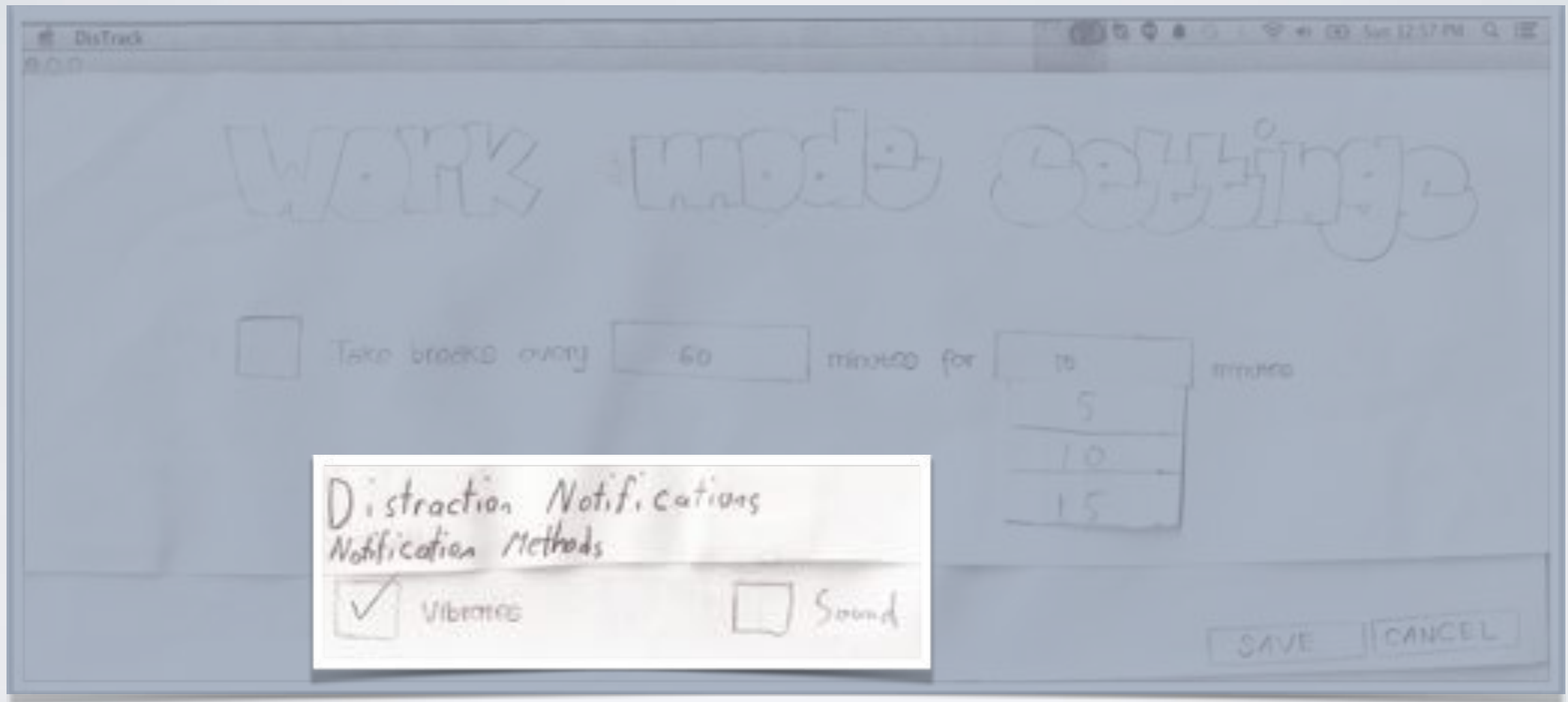
# TASK 2: SETTING UP WORK MODE TOOLS

## Work mode settings



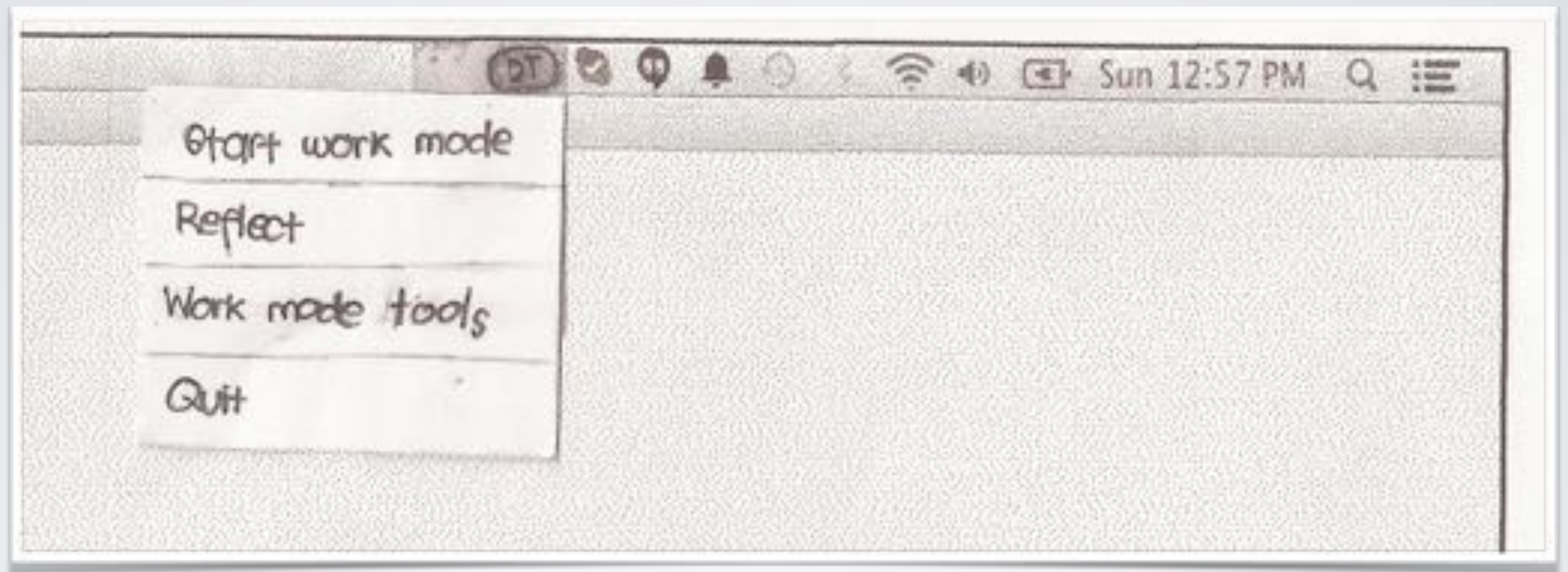
# TASK 2: SETTING UP WORK MODE TOOLS

## Work mode settings



# TASK 2: USING TOOLS IN WORK MODE

Start work mode in menu



# TESTING PROCESS



# TESTING PROCESS

- 1 Heuristic Evaluation
- 3 Usability Tests



# USABILITY TEST PROCESS

- Scenario 1:
  - Focused on reflection and finding tools
- Scenario 2:
  - Focused on using tools through the watch

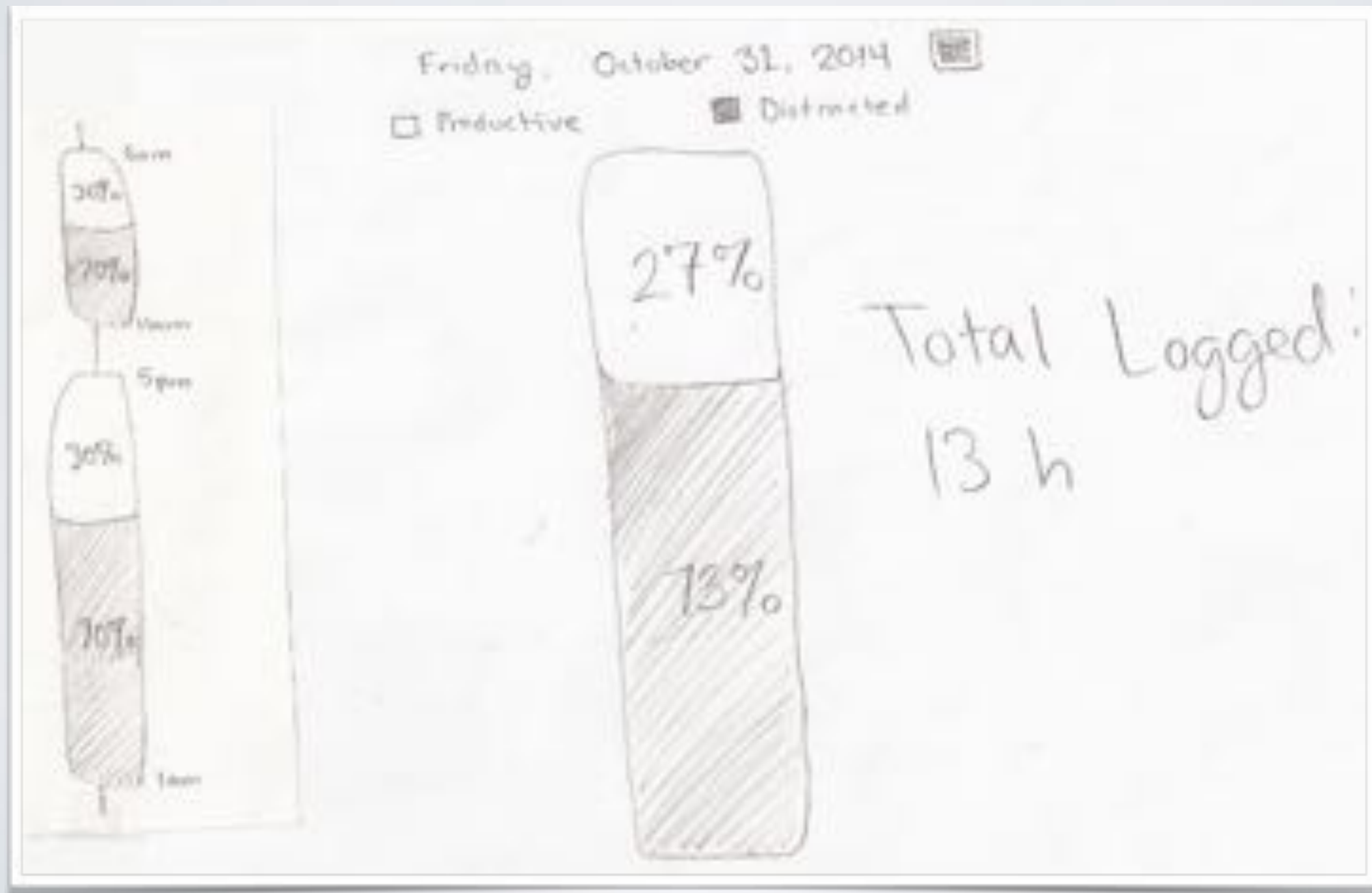
# USABILITY TEST PARTICIPANTS

- 3 undergraduate students
- Odegaard Library & Mercer Court Great Room

RESULTS:  
USABILITY TEST I &  
HEURISTIC EVALUATION

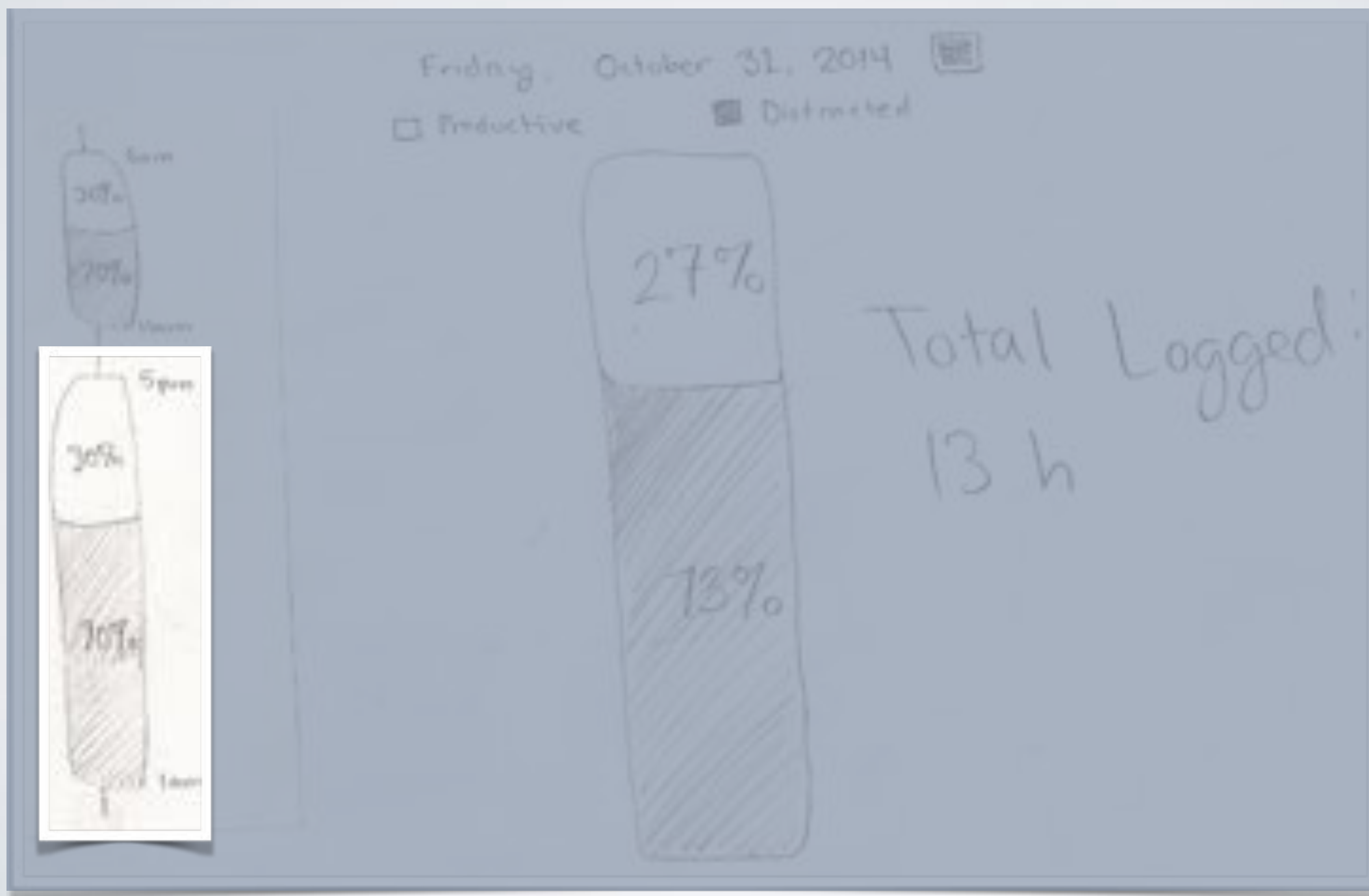
# POOR DATA VISUALIZATION

## A. Unclear relationships with time



# POOR DATA VISUALIZATION

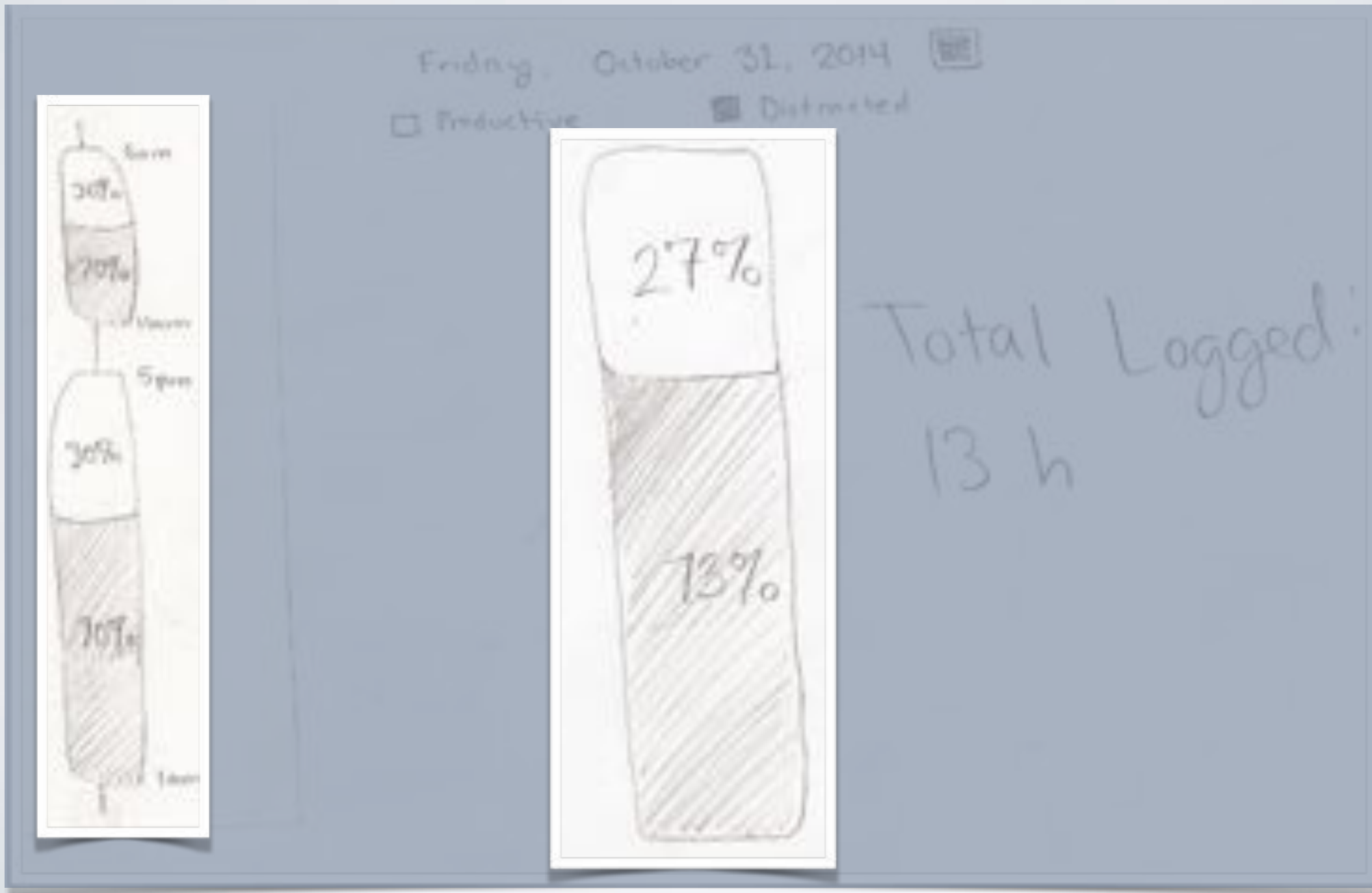
## A. Unclear relationships with time





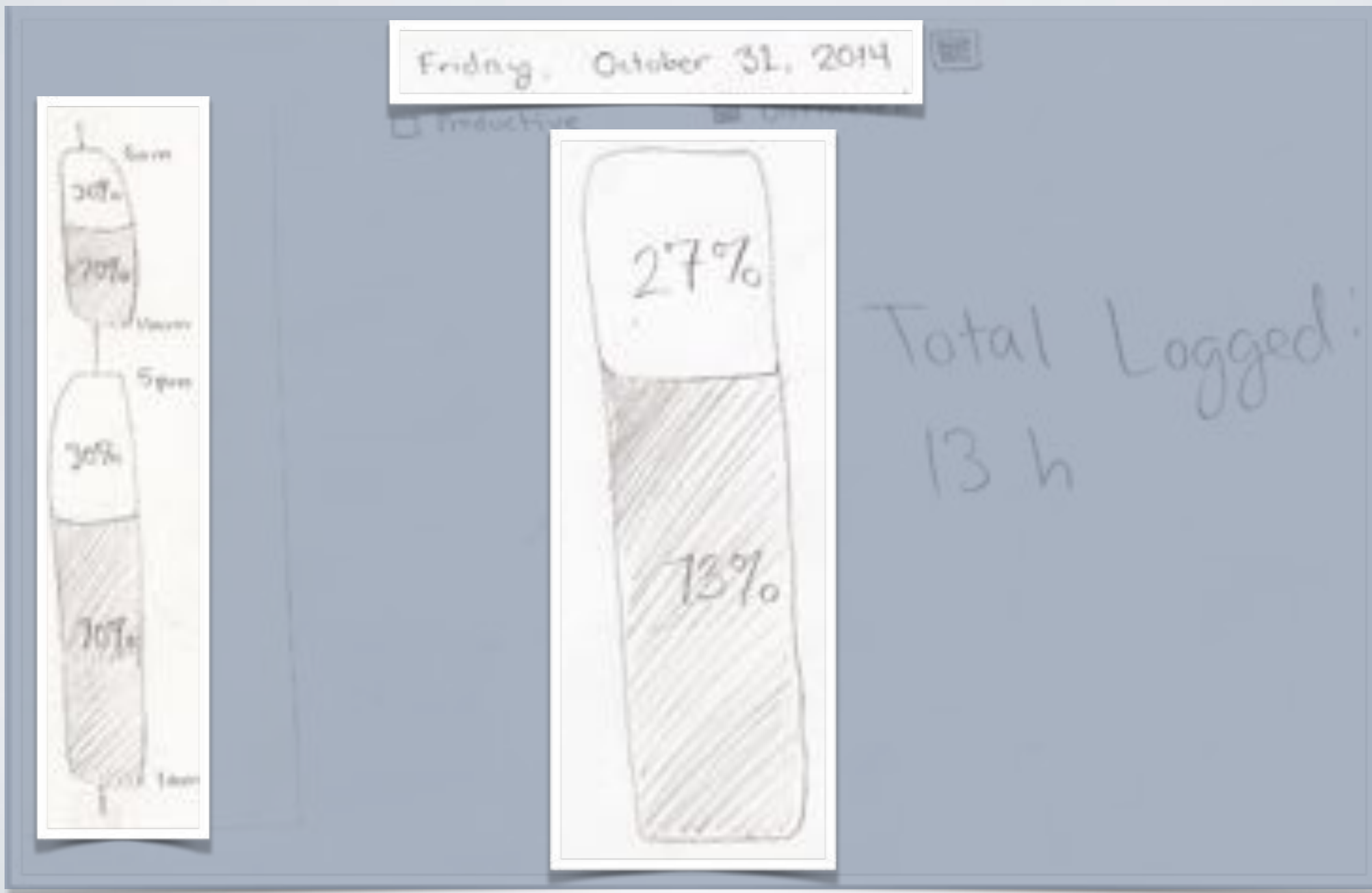
# POOR DATA VISUALIZATION

## A. Unclear relationships with time



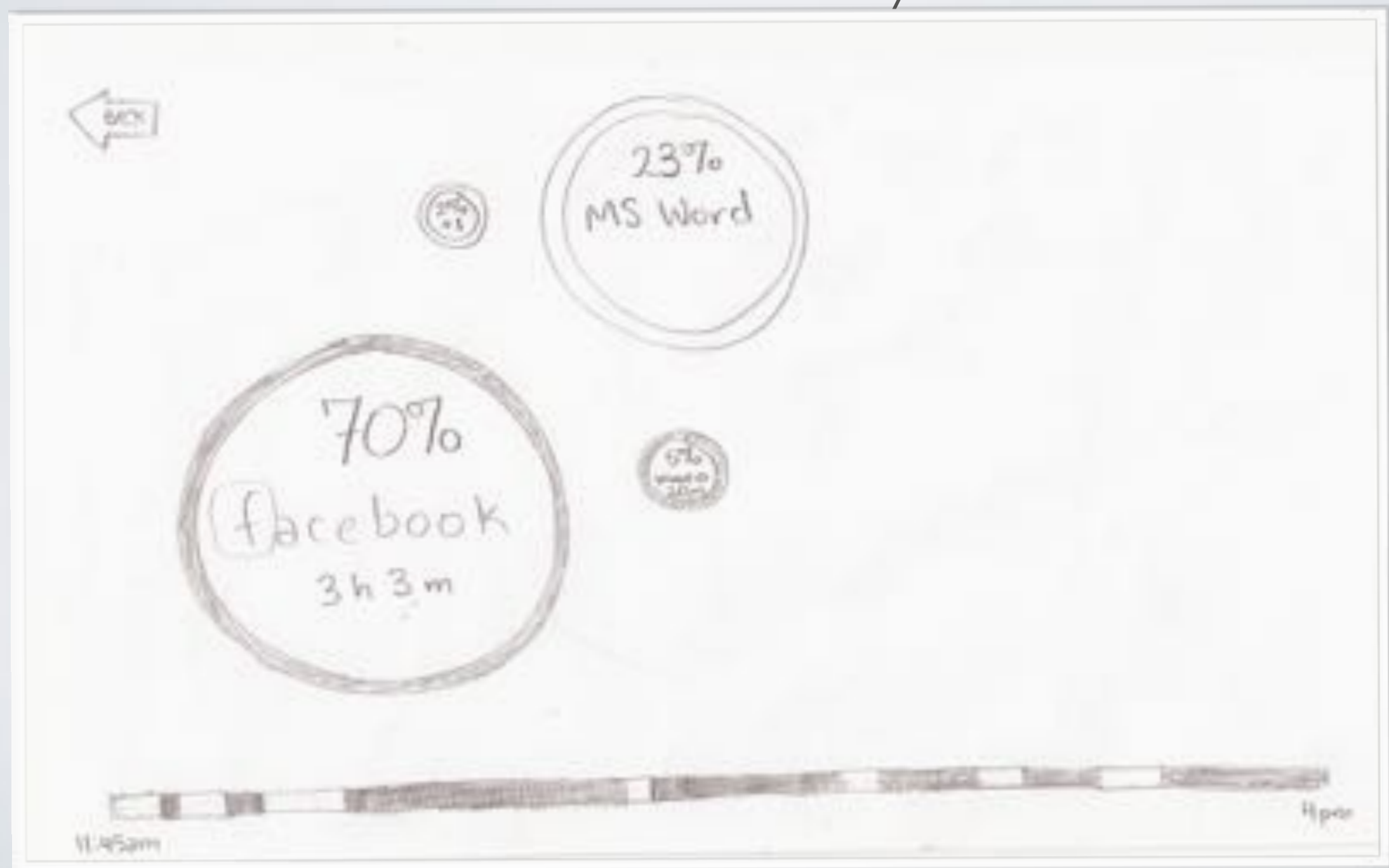
# POOR DATA VISUALIZATION

## A. Unclear relationships with time



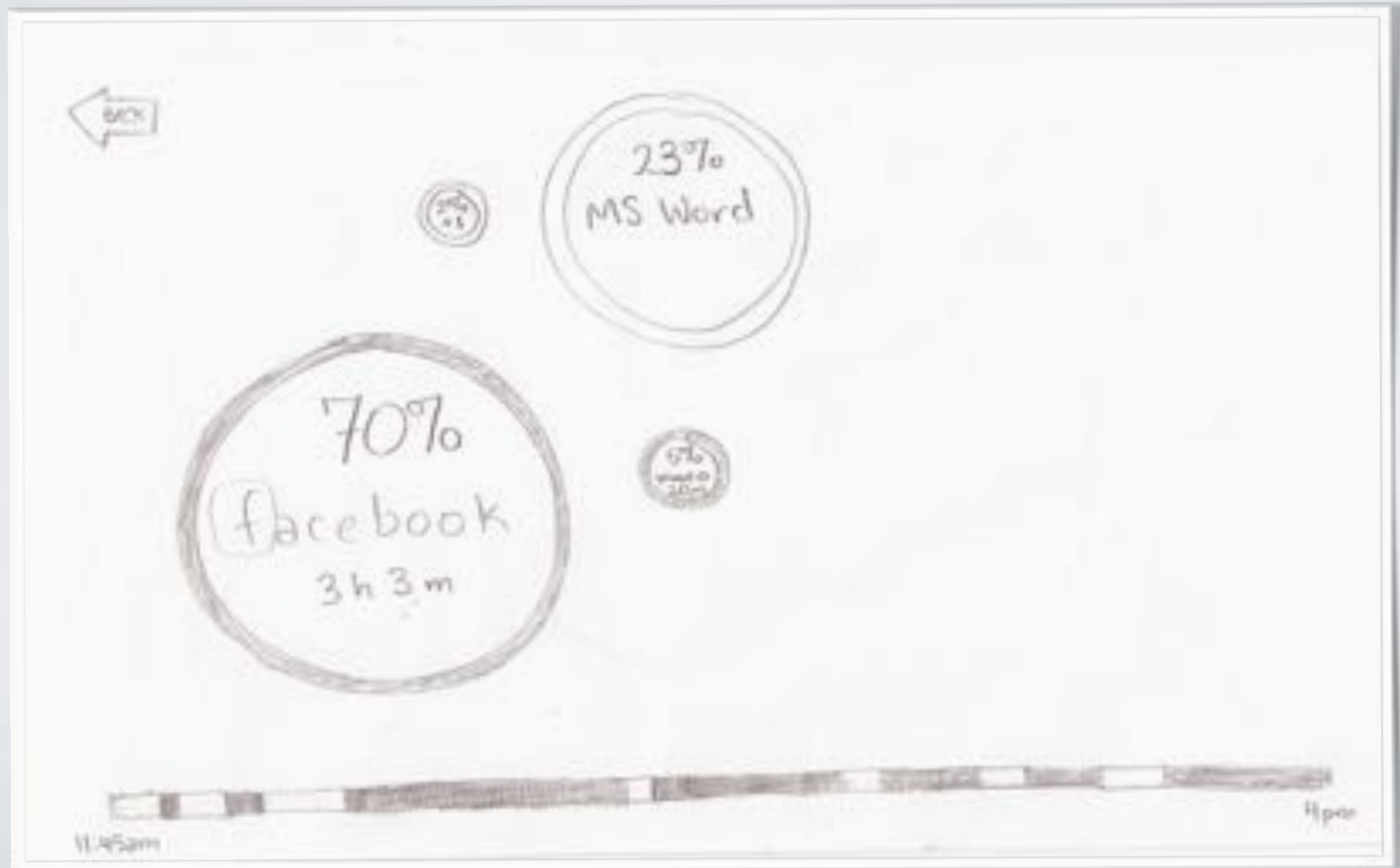
# POOR DATA VISUALIZATION

B. Hard to understand activity information

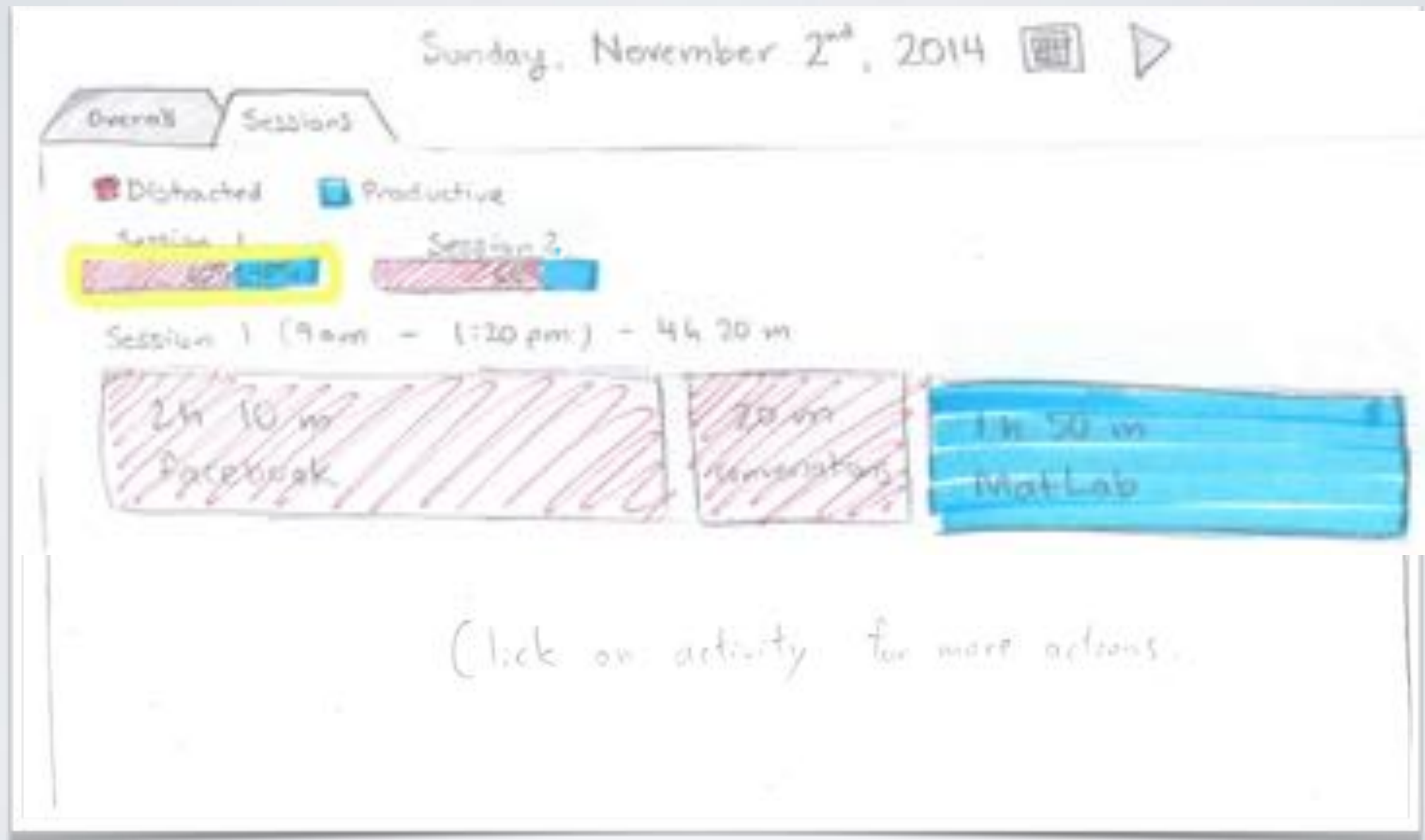


# RECOMMENDED TOOLS HARD TO FIND

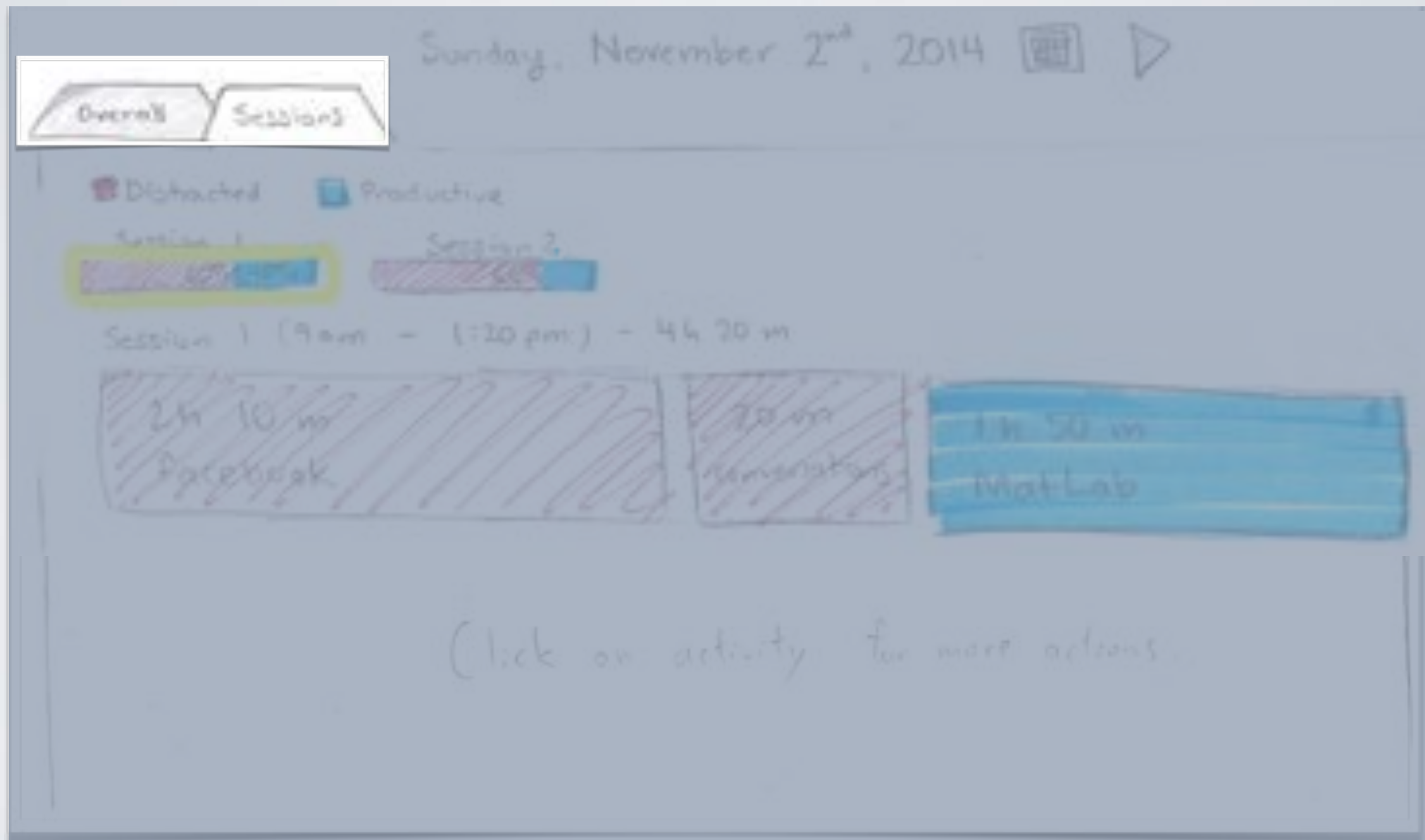
Circles are not obviously clickable



# IMPROVED DESIGN

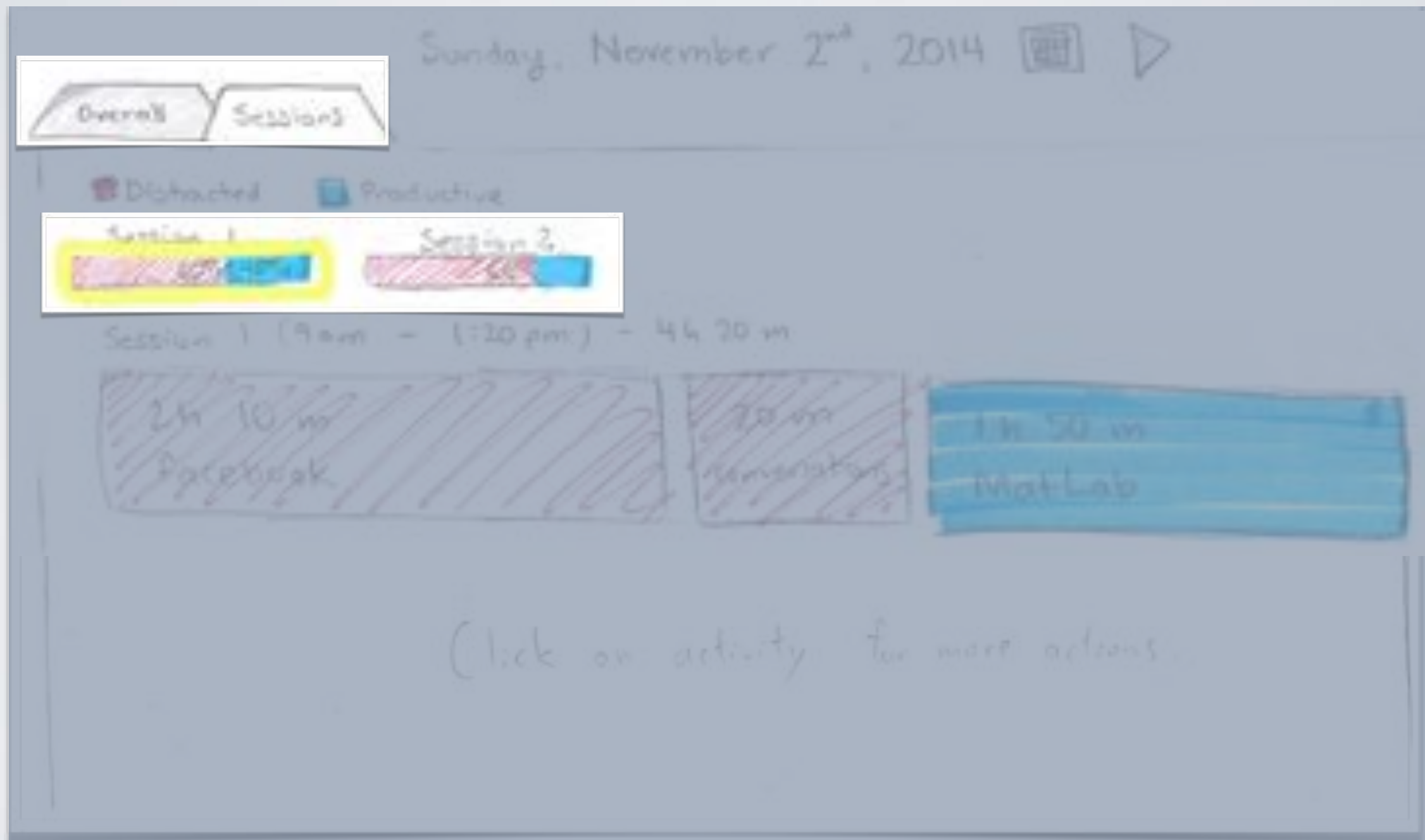


# IMPROVED DESIGN

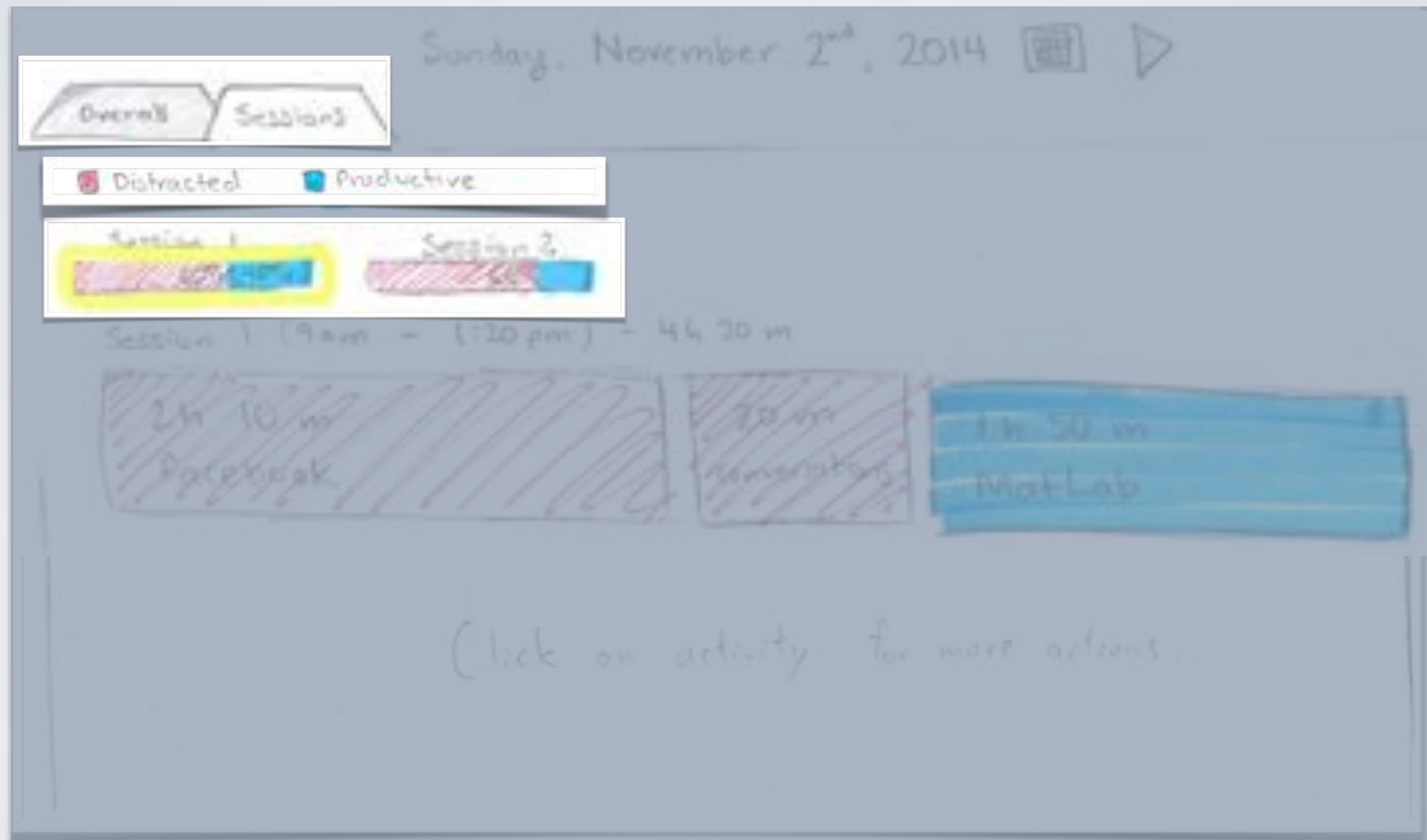




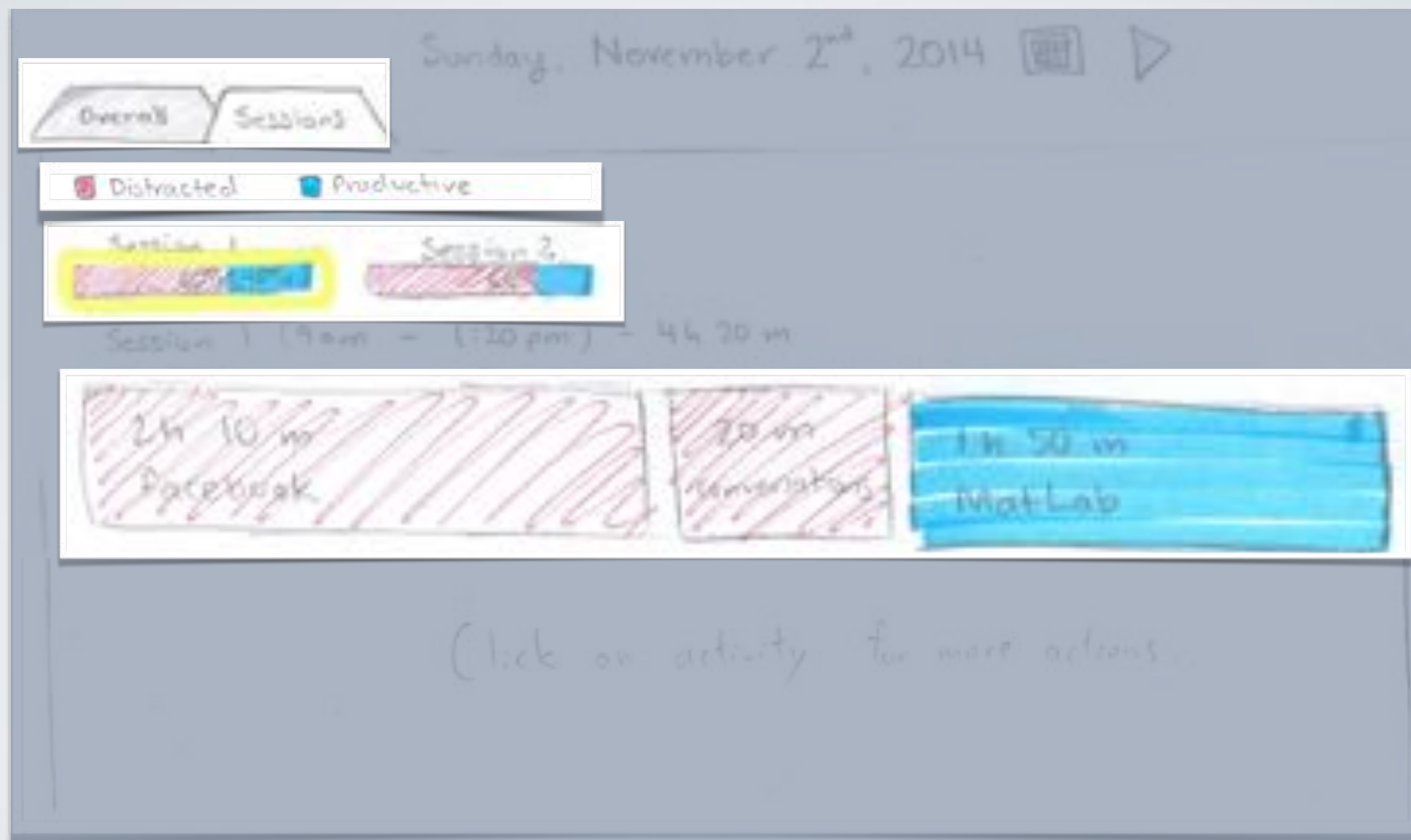
# IMPROVED DESIGN



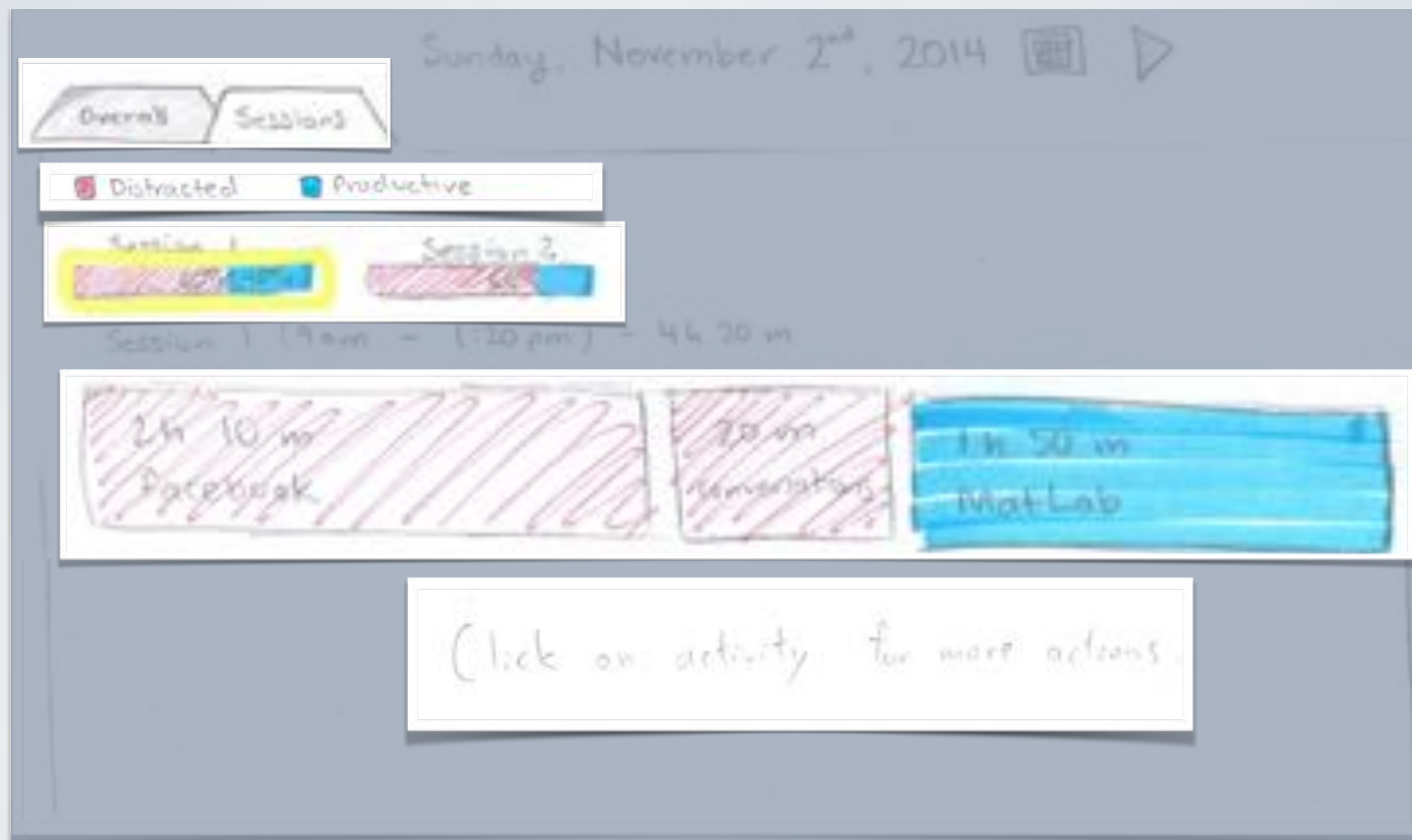
# IMPROVED DESIGN



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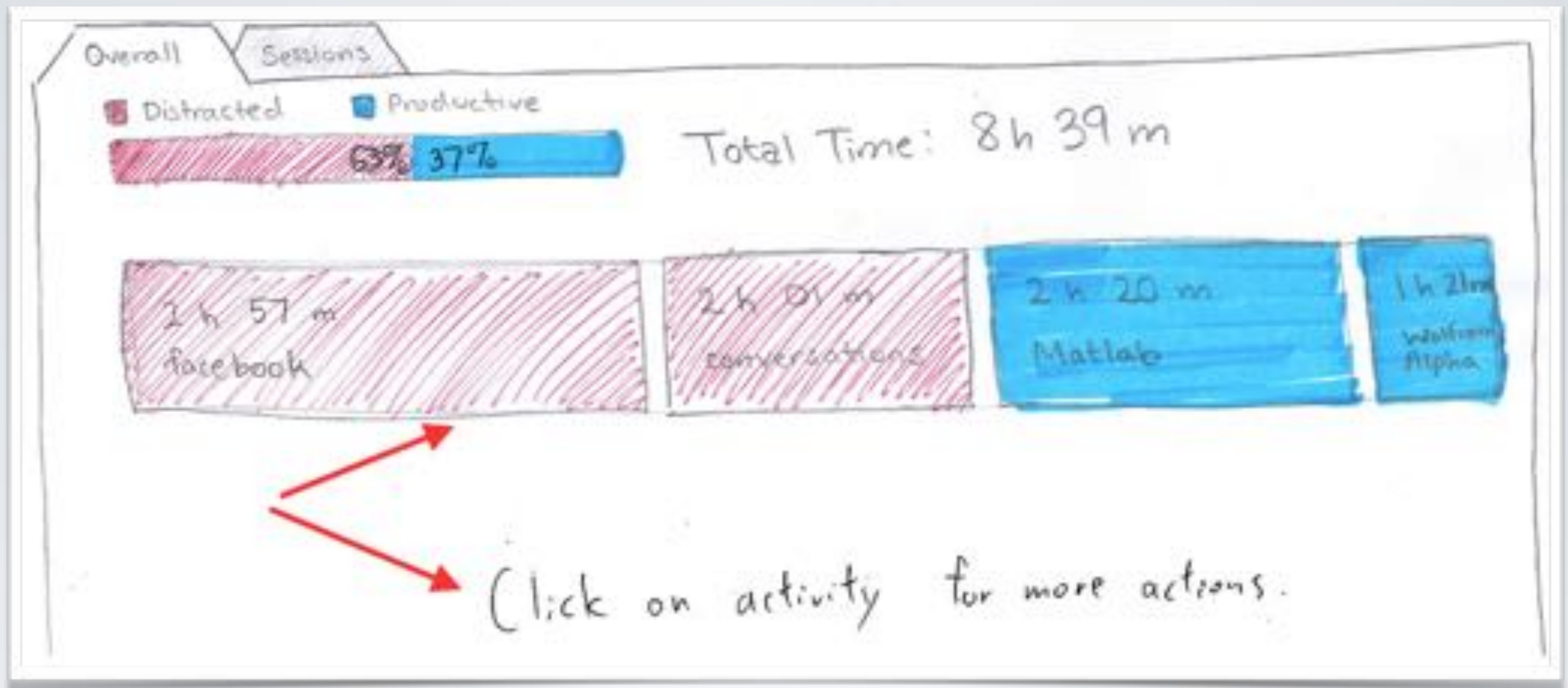


# IMPROVED DESIGN



RESULTS:  
USABILITY TEST II & III

# RECOMMENDED TOOLS STILL HARD TO FIND

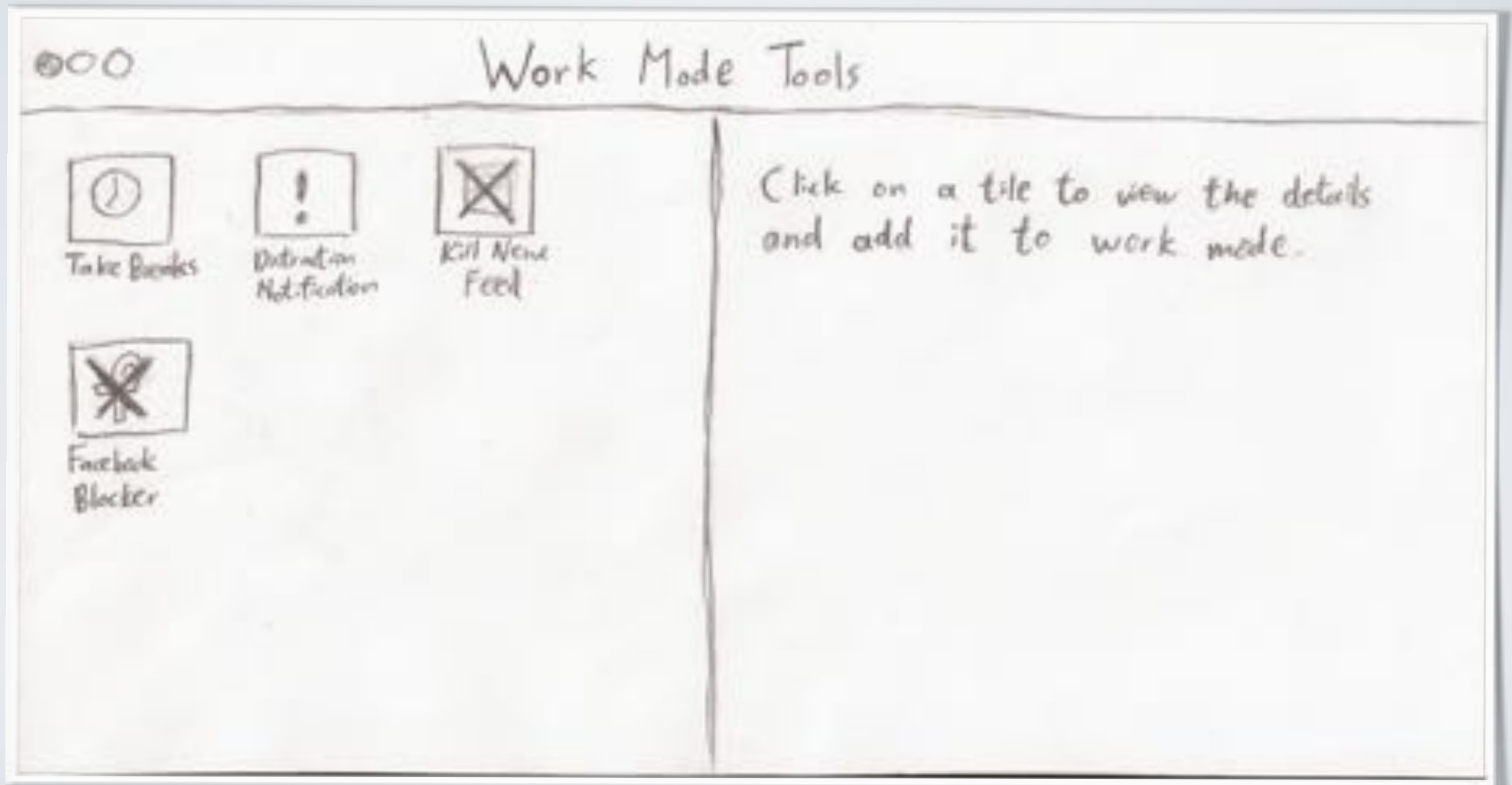




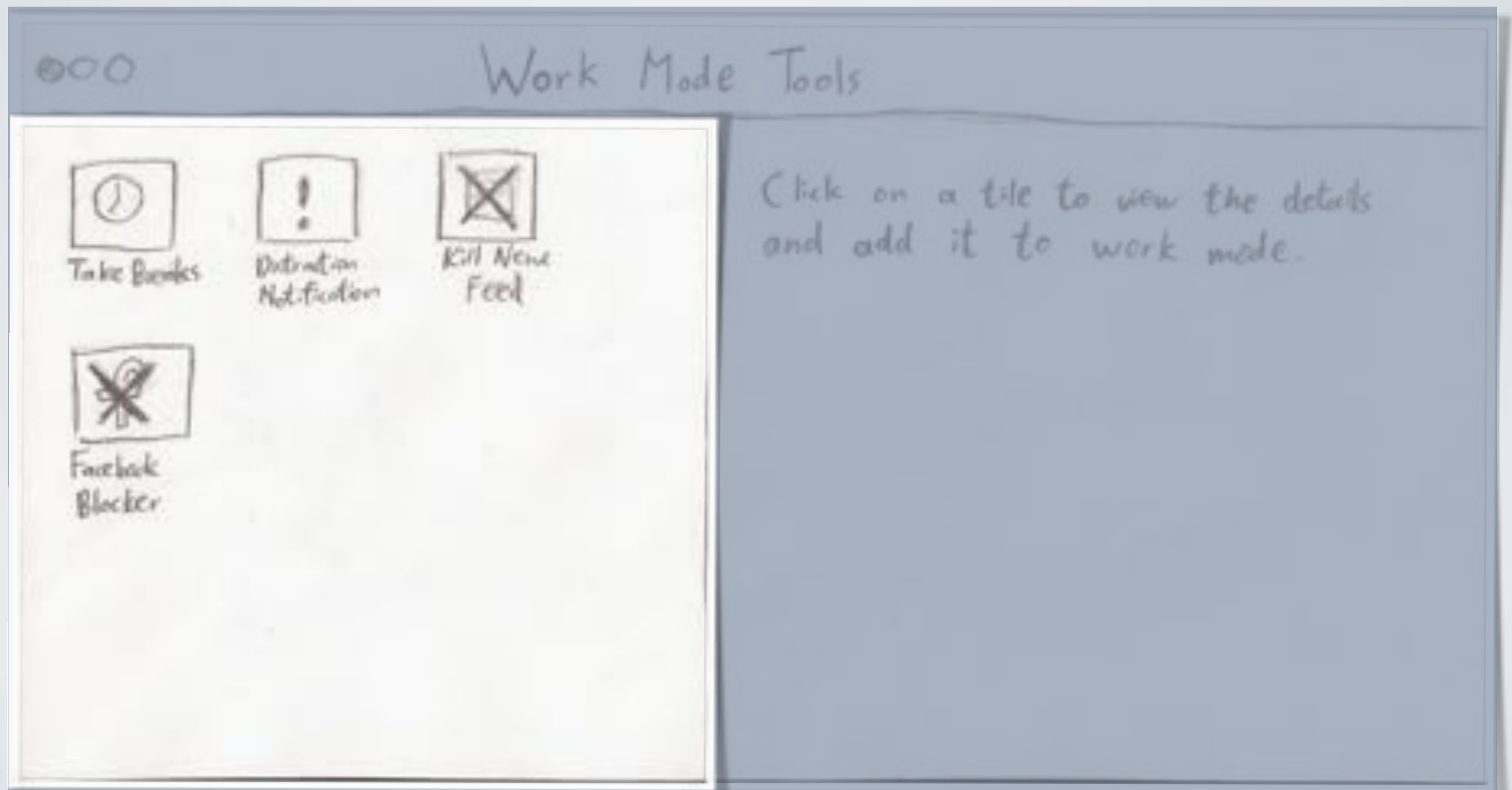
# IMPROVEMENT



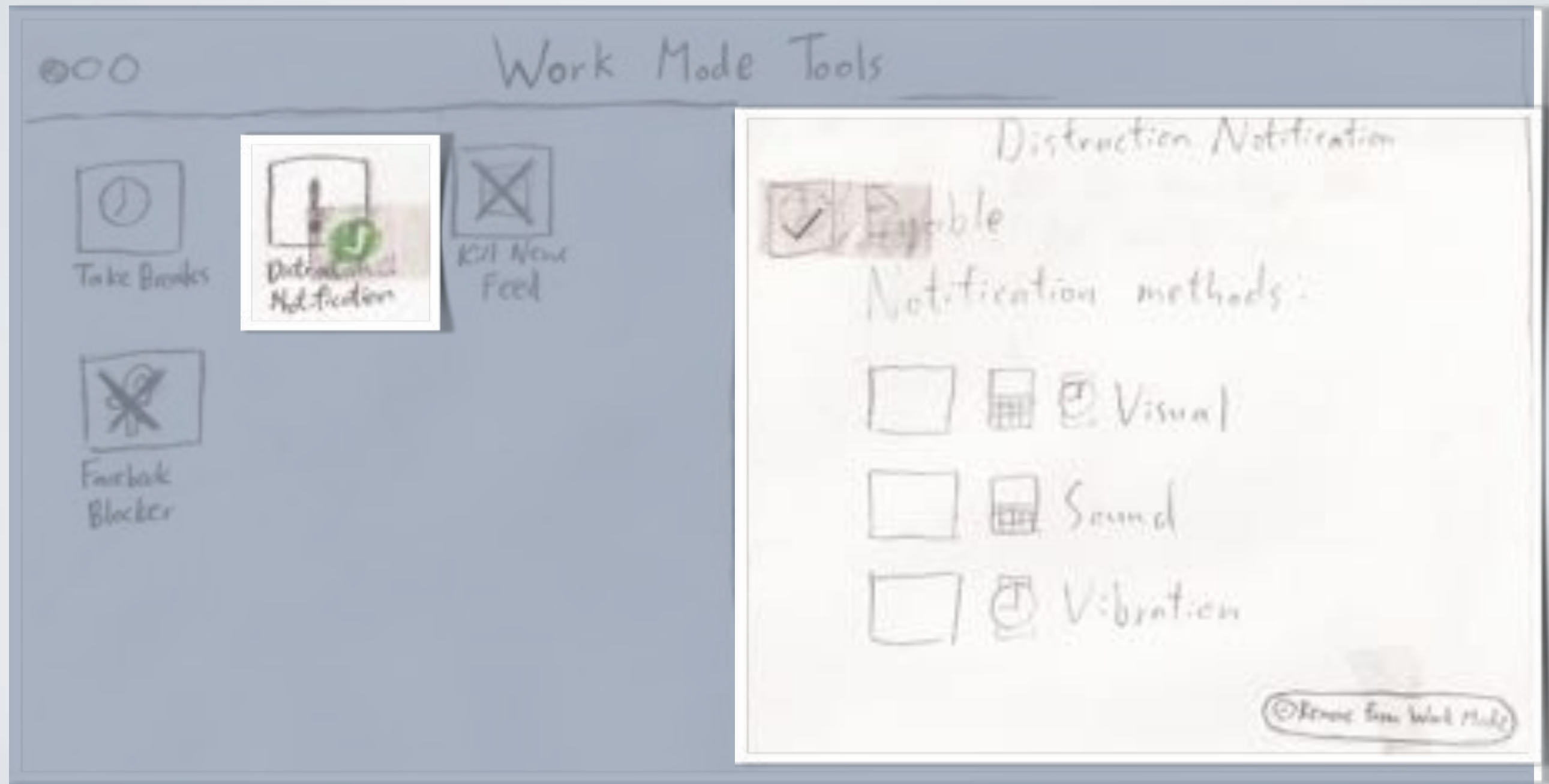
# WORK MODE CONCEPT WAS UNCLEAR



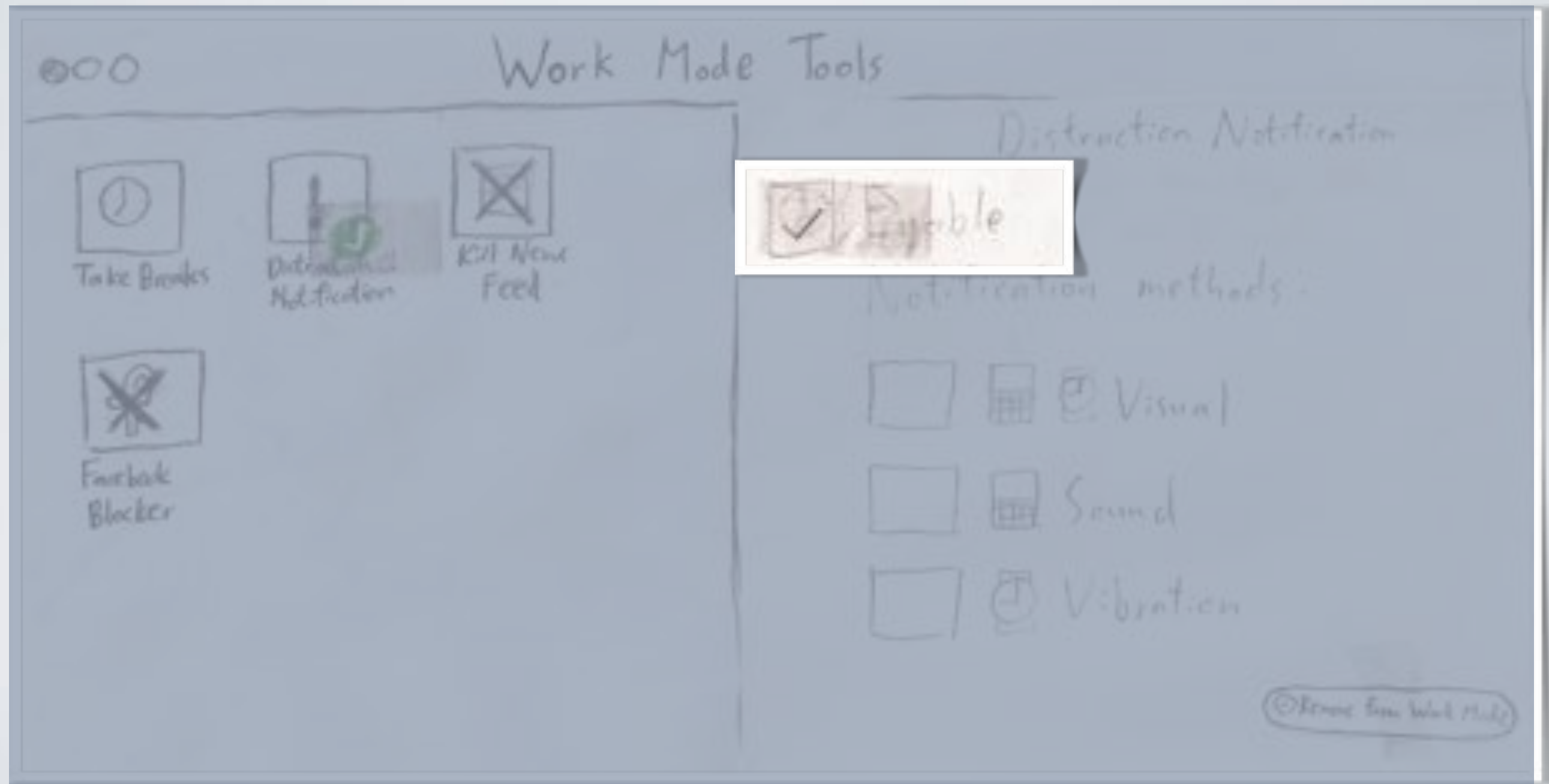
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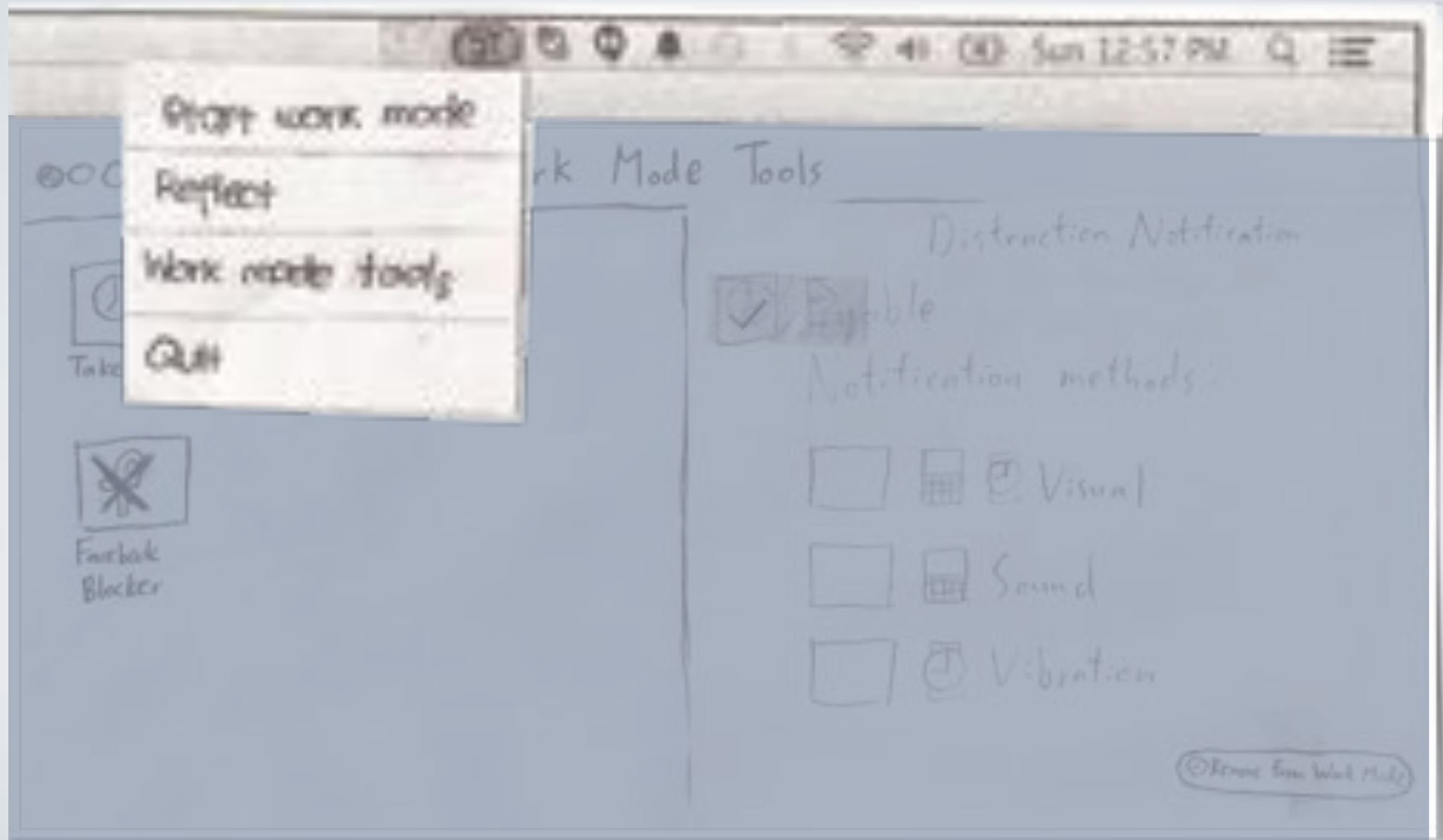
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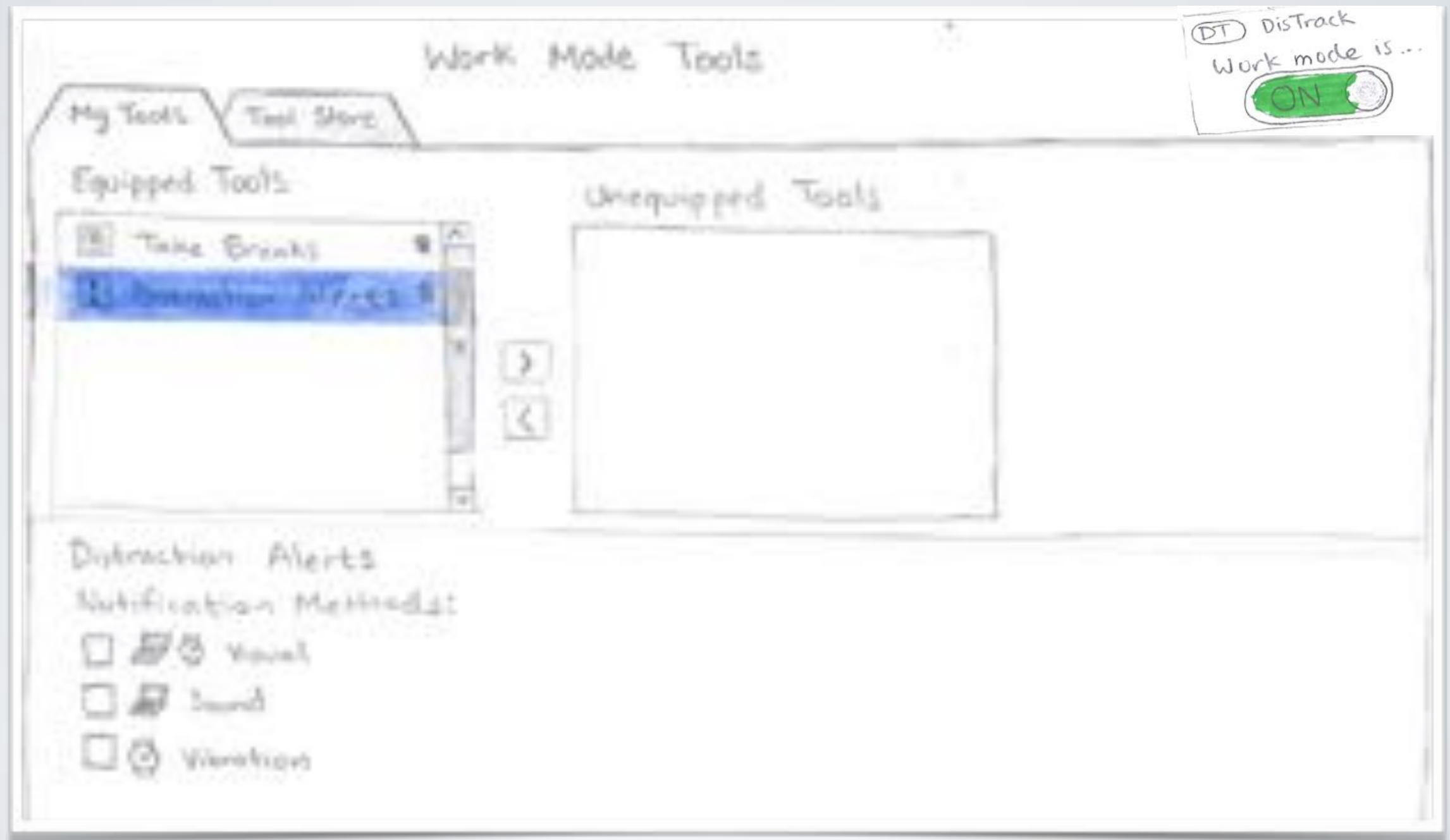


# WORK MODE CONCEPT WAS UNCLEAR



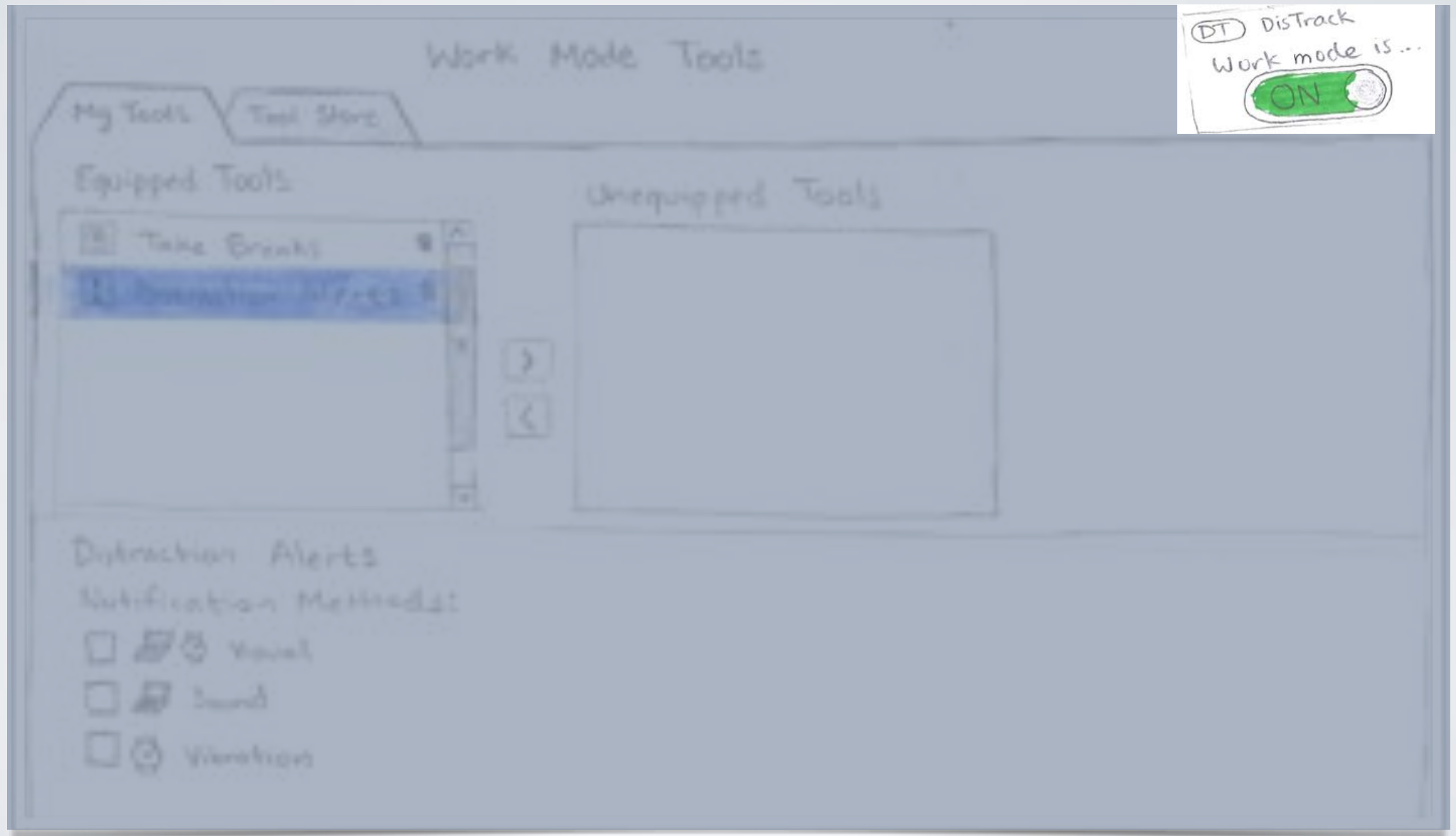


# MORE IMPROVED WORK MODE CONTROLS

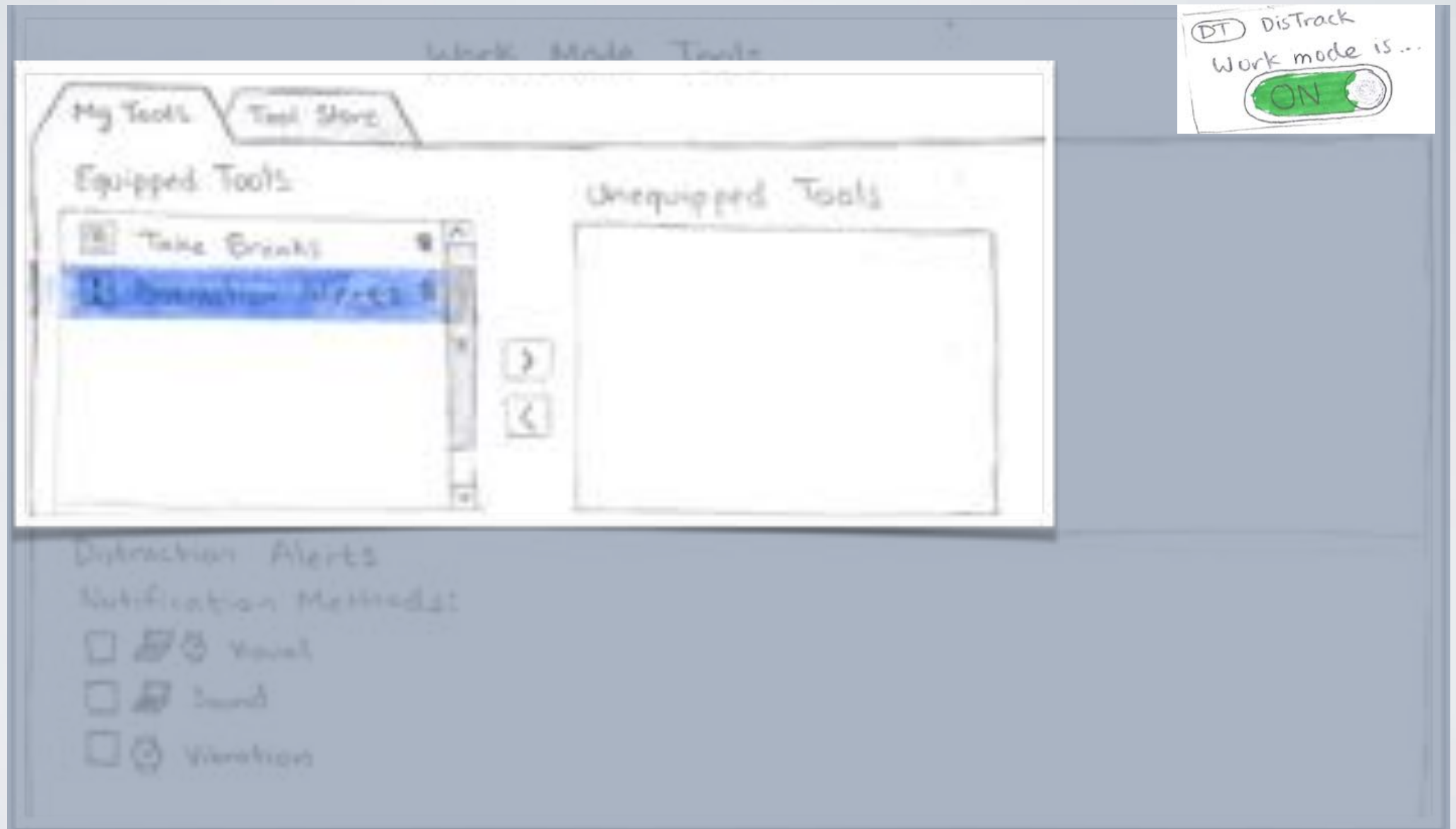




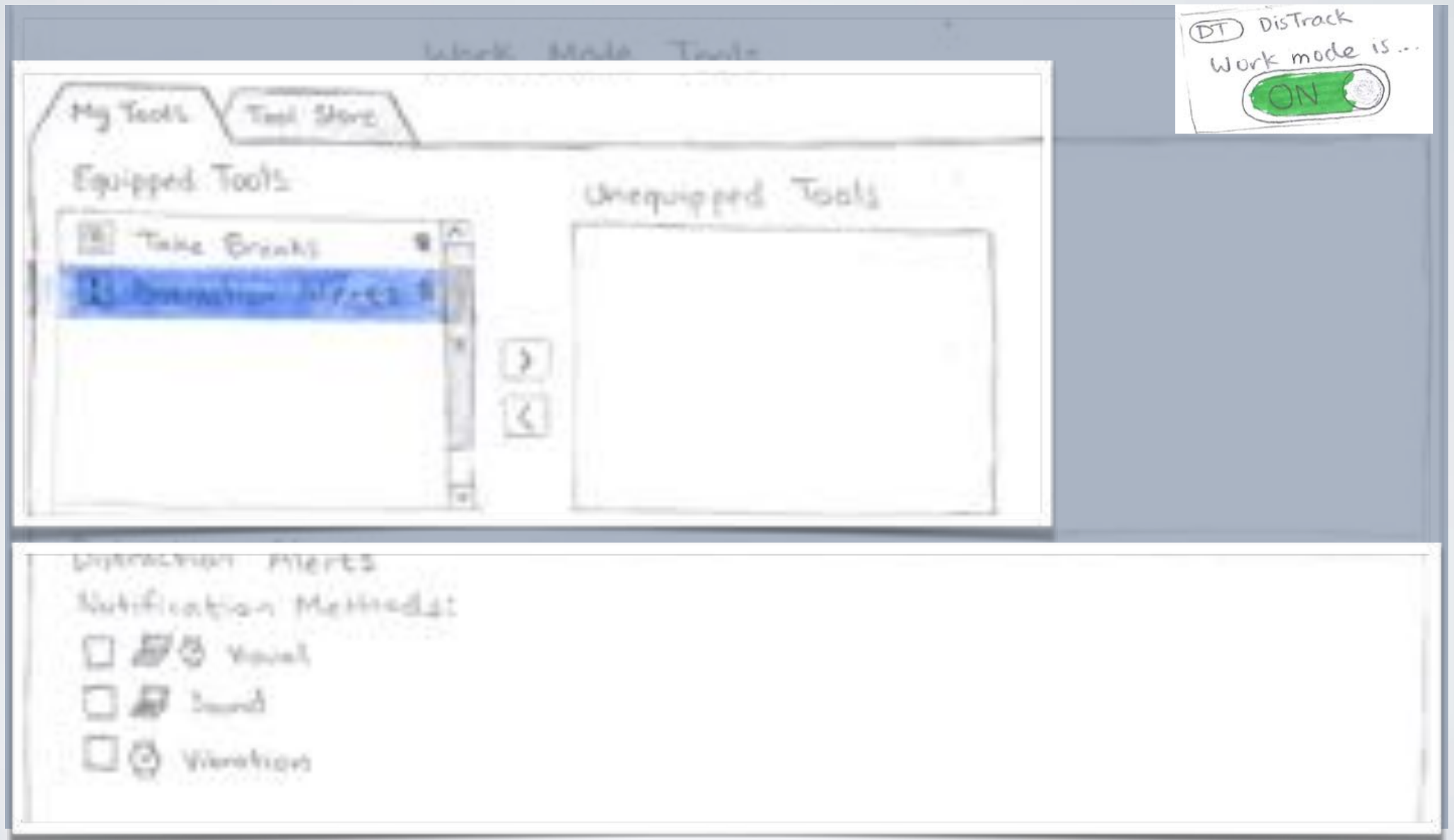
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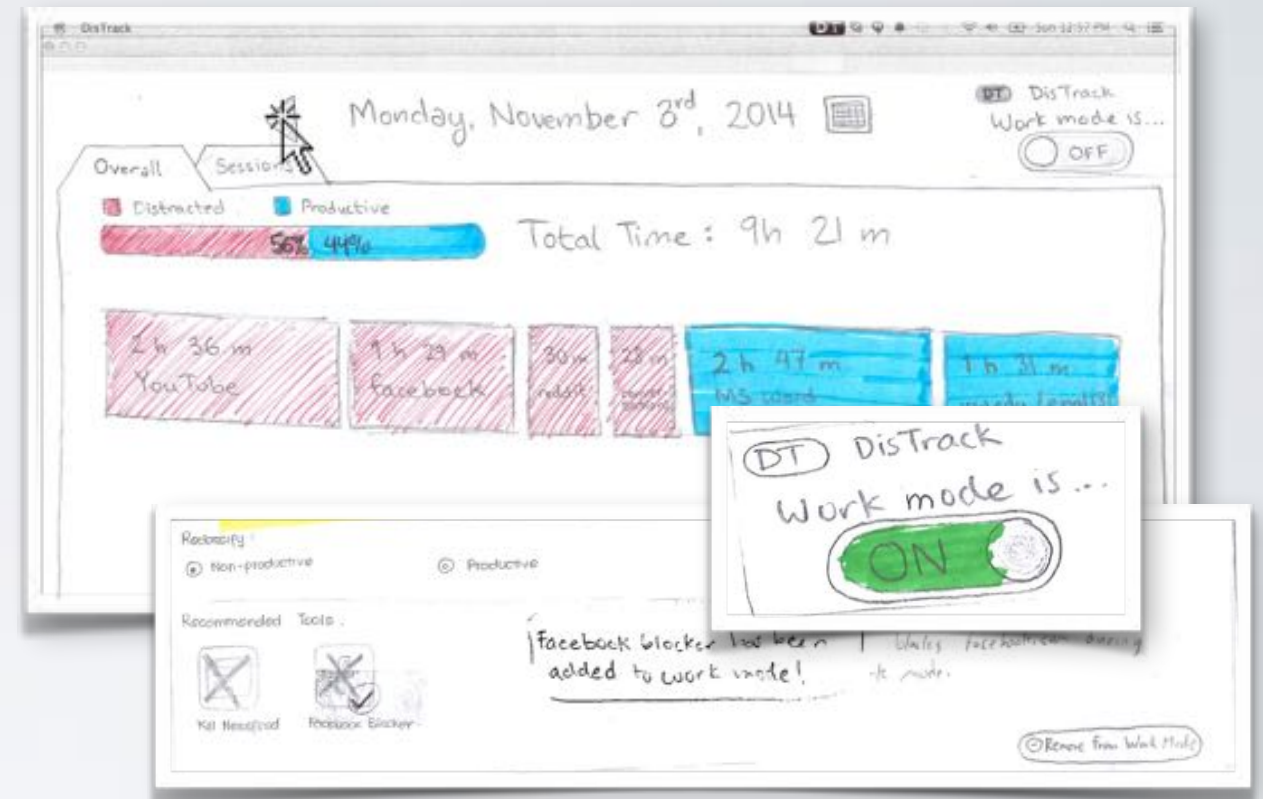
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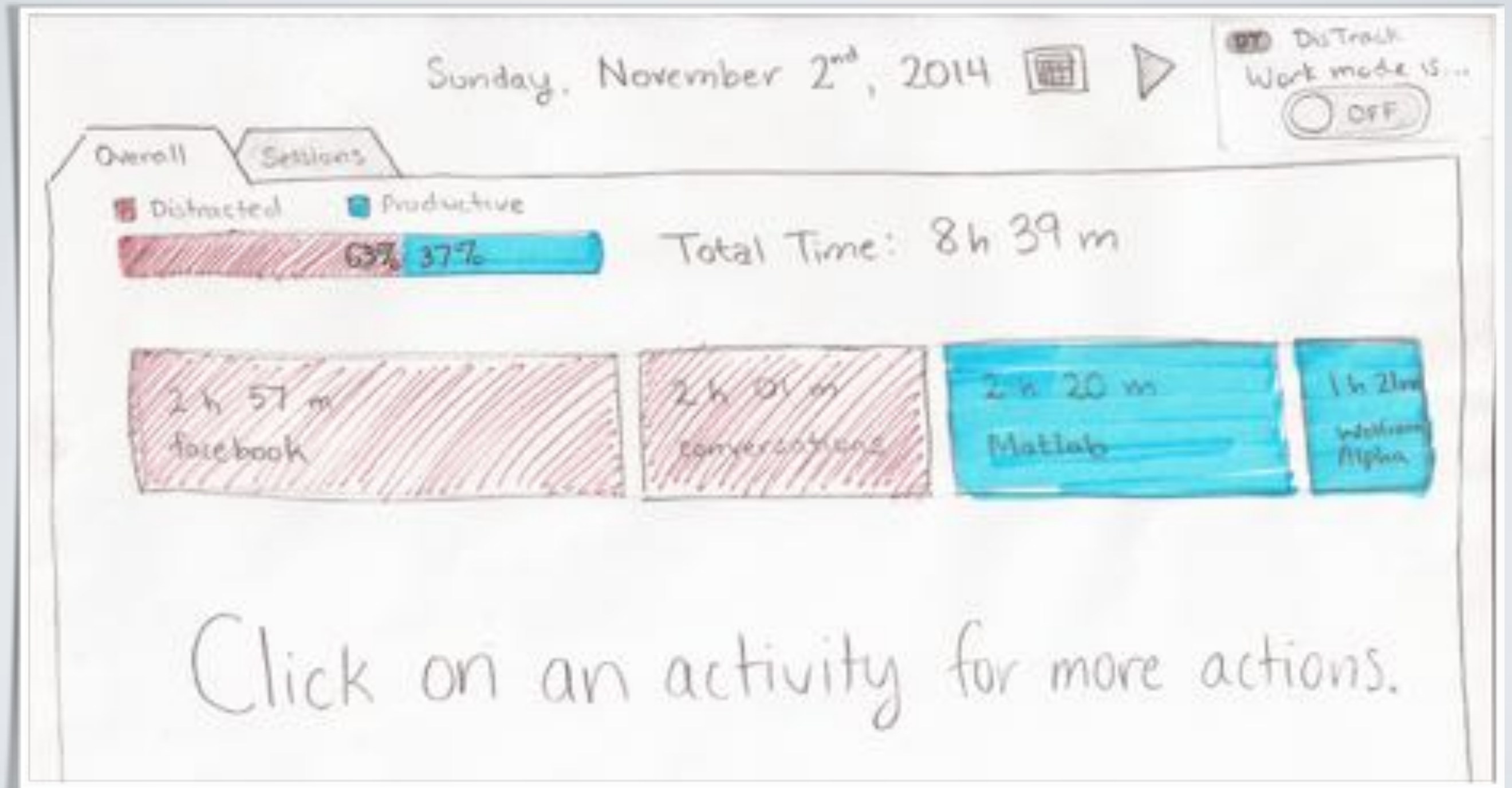
# FINAL PAPER PROTOTYPE



# PRIMARY TASKS



1. Reflecting on past study sessions
2. Finding and using tools to help stay focused when work mode is on

# REFLECTION






# REFLECTION

Sunday, November 2<sup>nd</sup>, 2014  

Overall

Sessions

 Distracted

 Productive



Total Time: 8h 39m



Reactivity

Non-productive

Productive

Recommendations

Tools



Kill Newsfeed



Facebook Glitcher



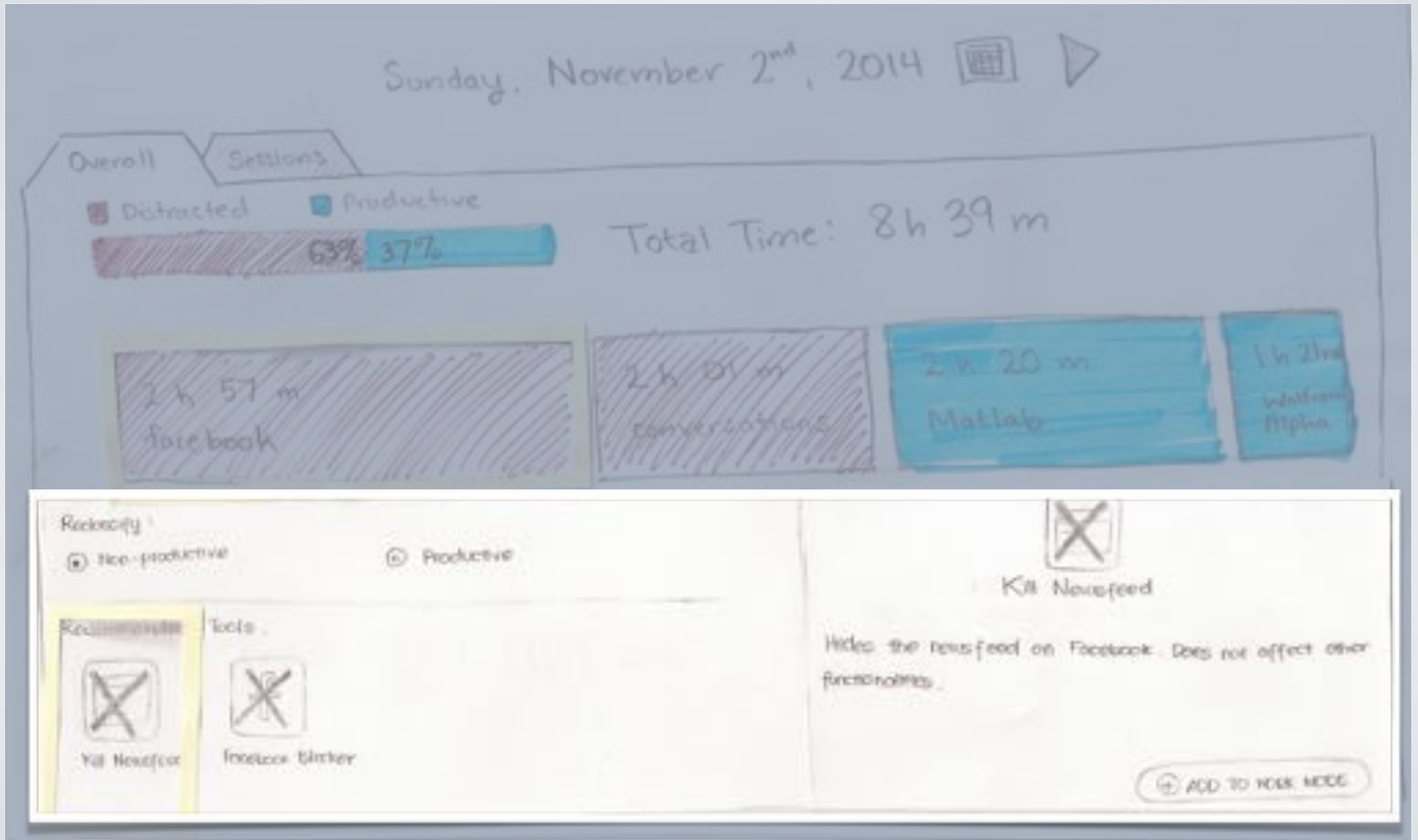
Kill Newsfeed

Hides the newsfeed on Facebook. Does not affect other functionalities.

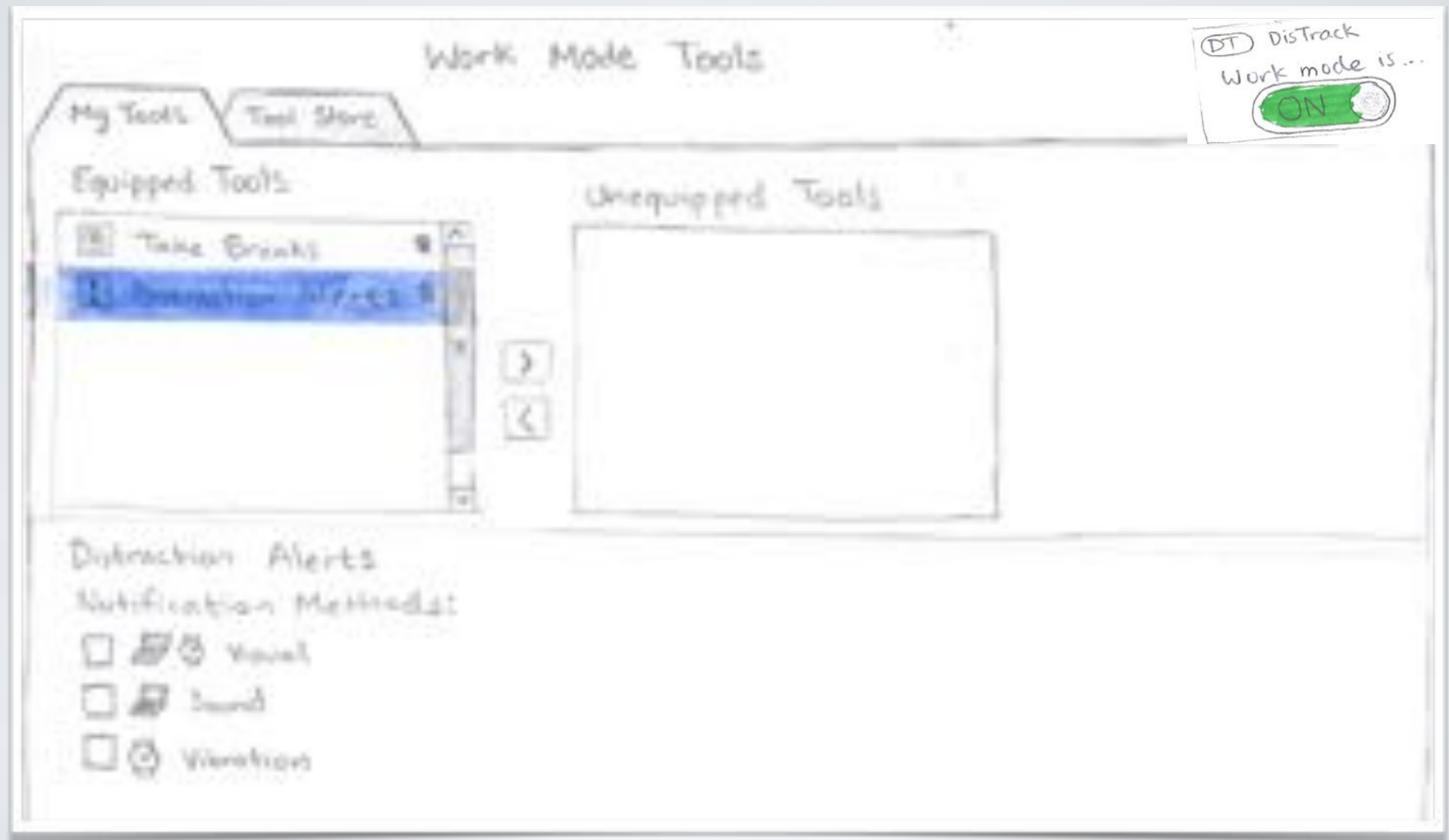
 ADD TO YOUR FEED



# REFLECTION

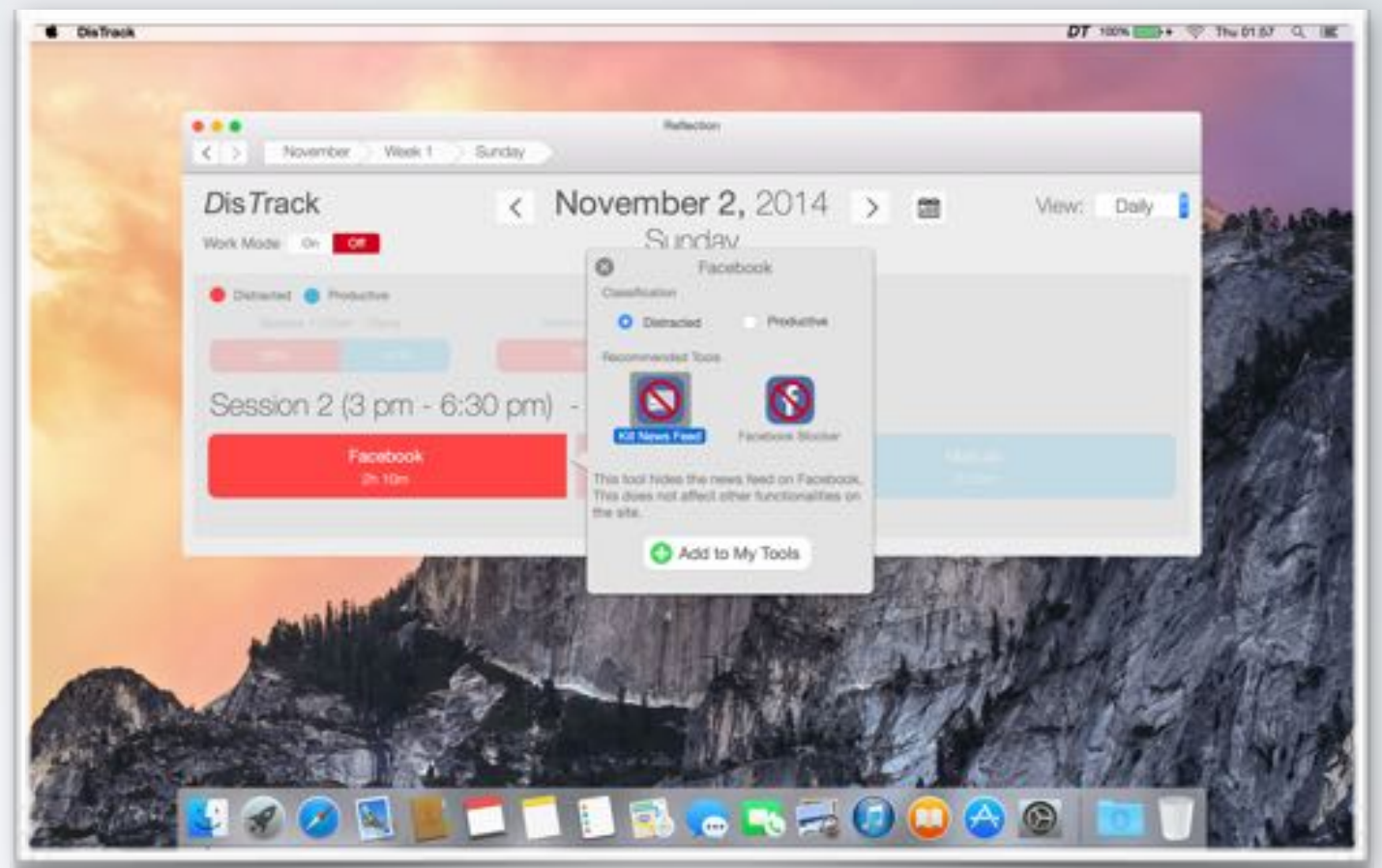


# WORK MODE TOOLS



# DIGITAL MOCKUP

Desktop application



# PRIMARY TASKS

1. Reflecting on past study sessions
2. Finding and using tools to help stay focused when work mode is on

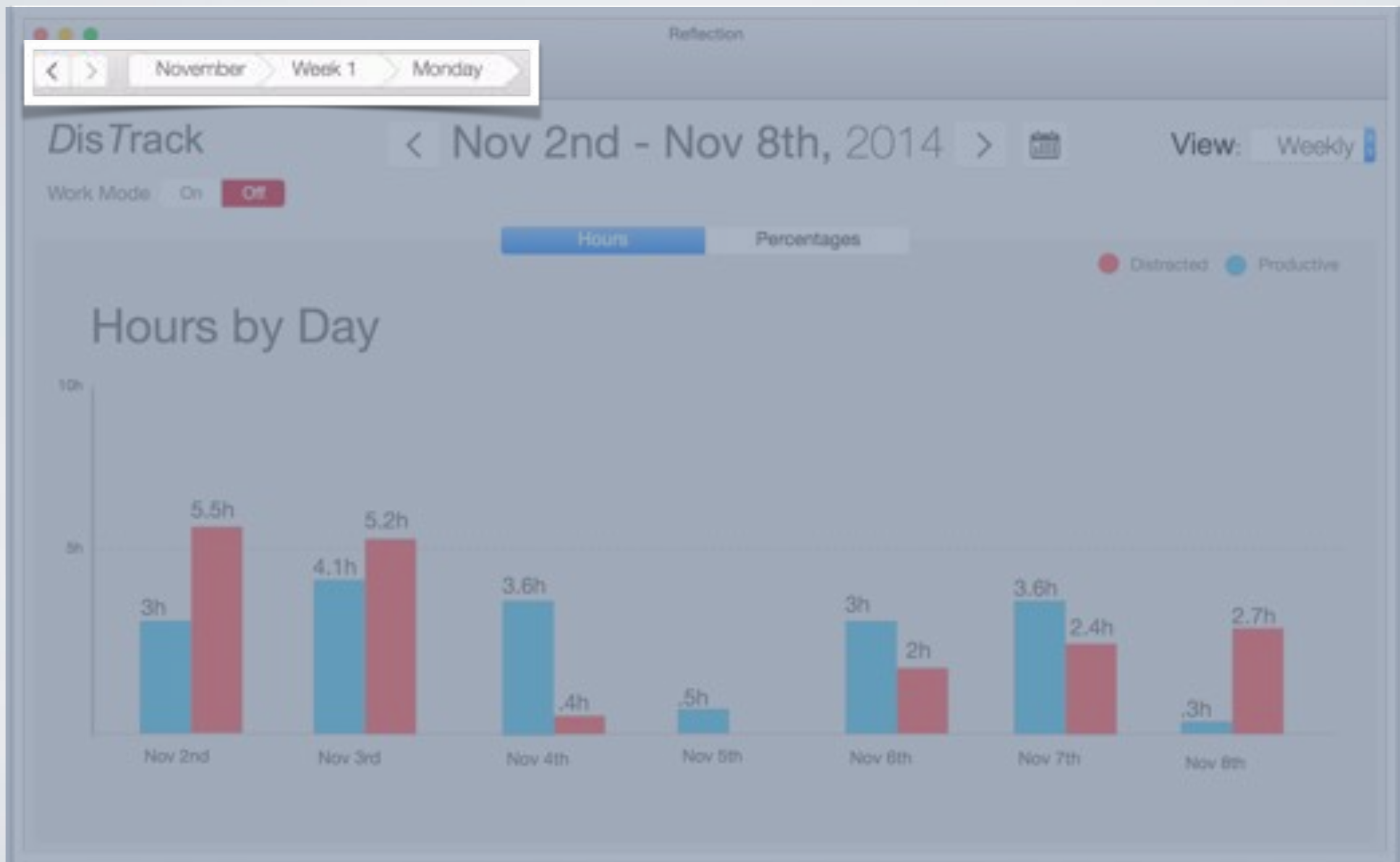
# TASK I: REFLECT ON PAST STUDY SESSIONS

## Weekly View



# TASK I: REFLECT ON PAST STUDY SESSIONS

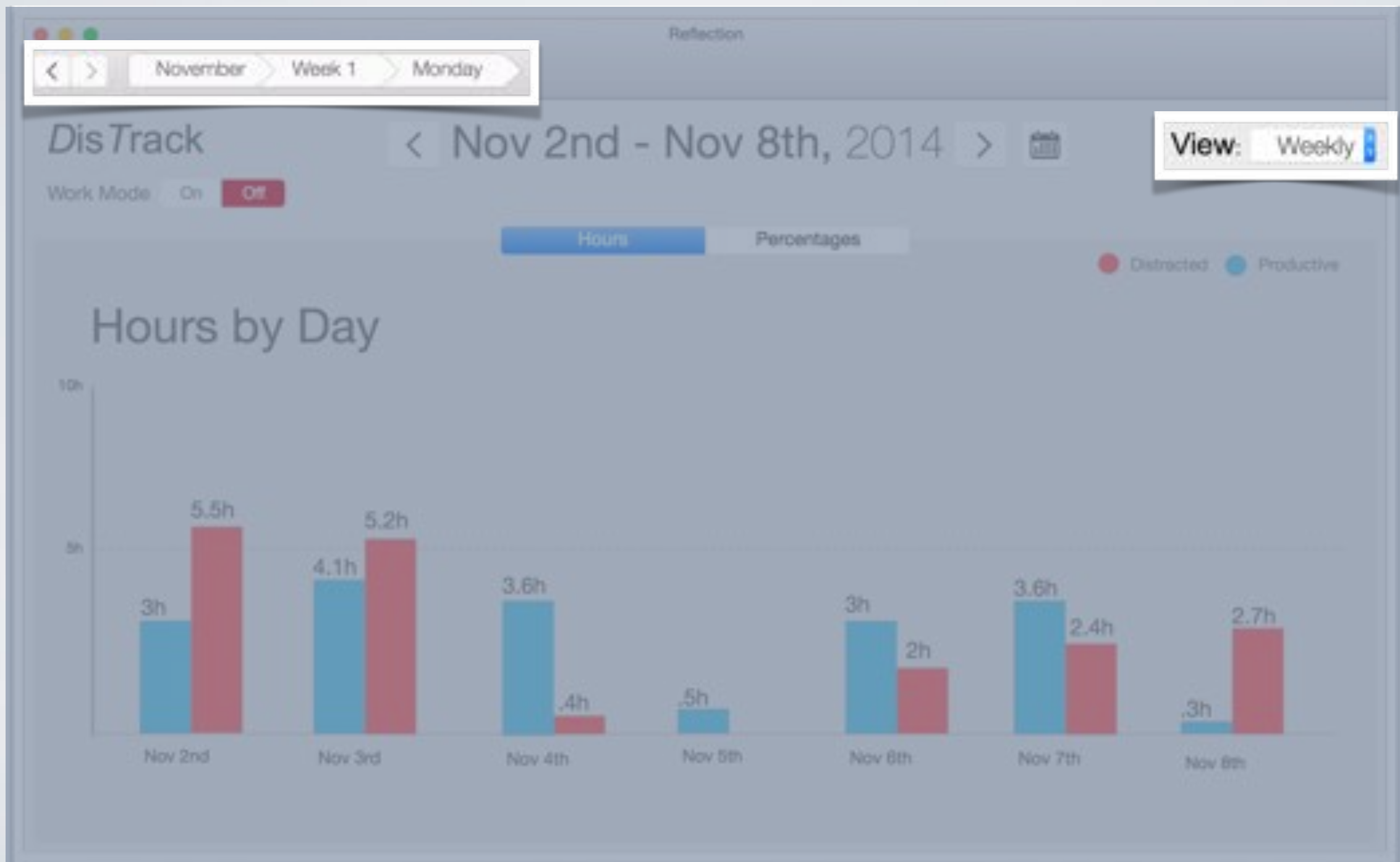
## Weekly View





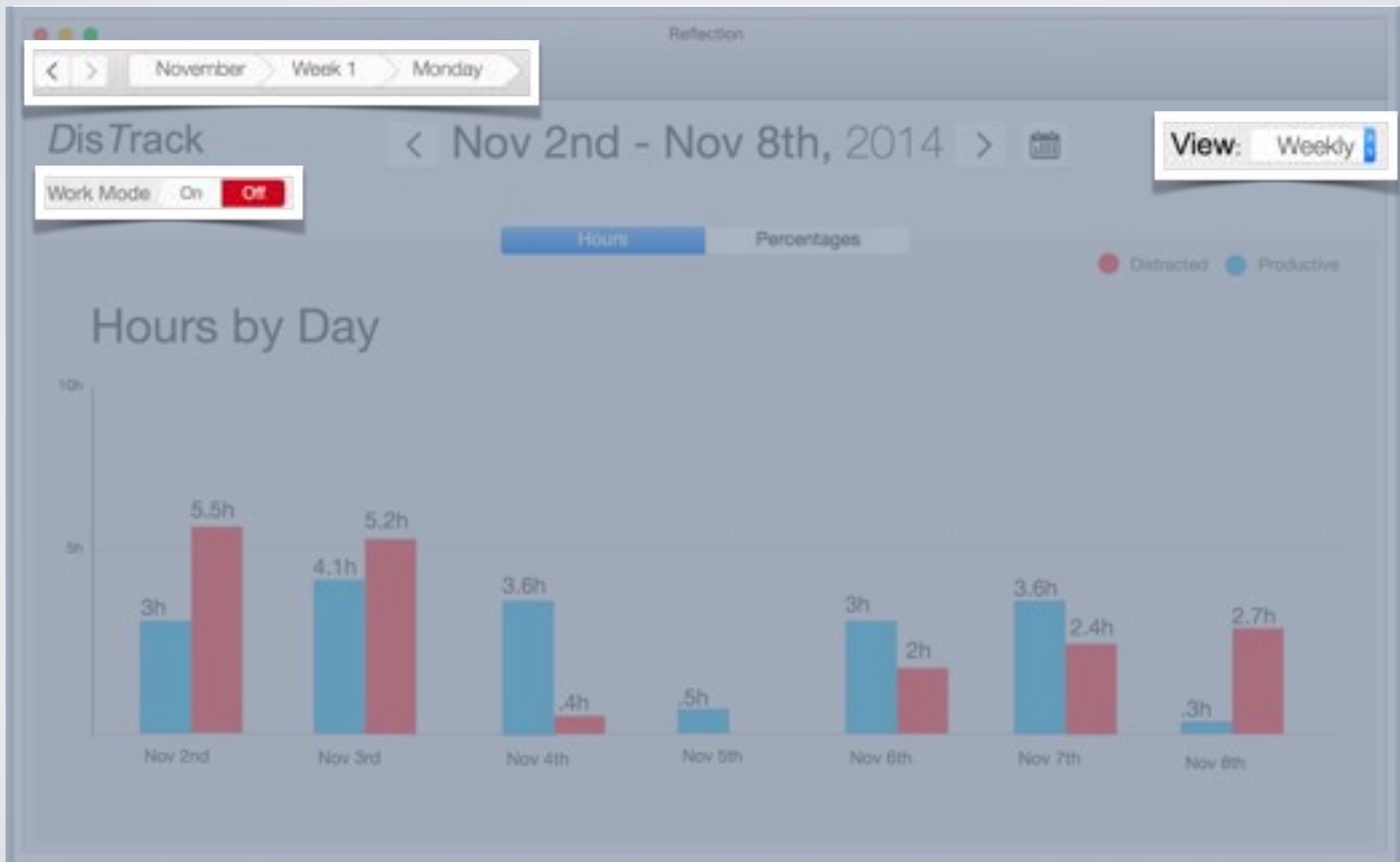
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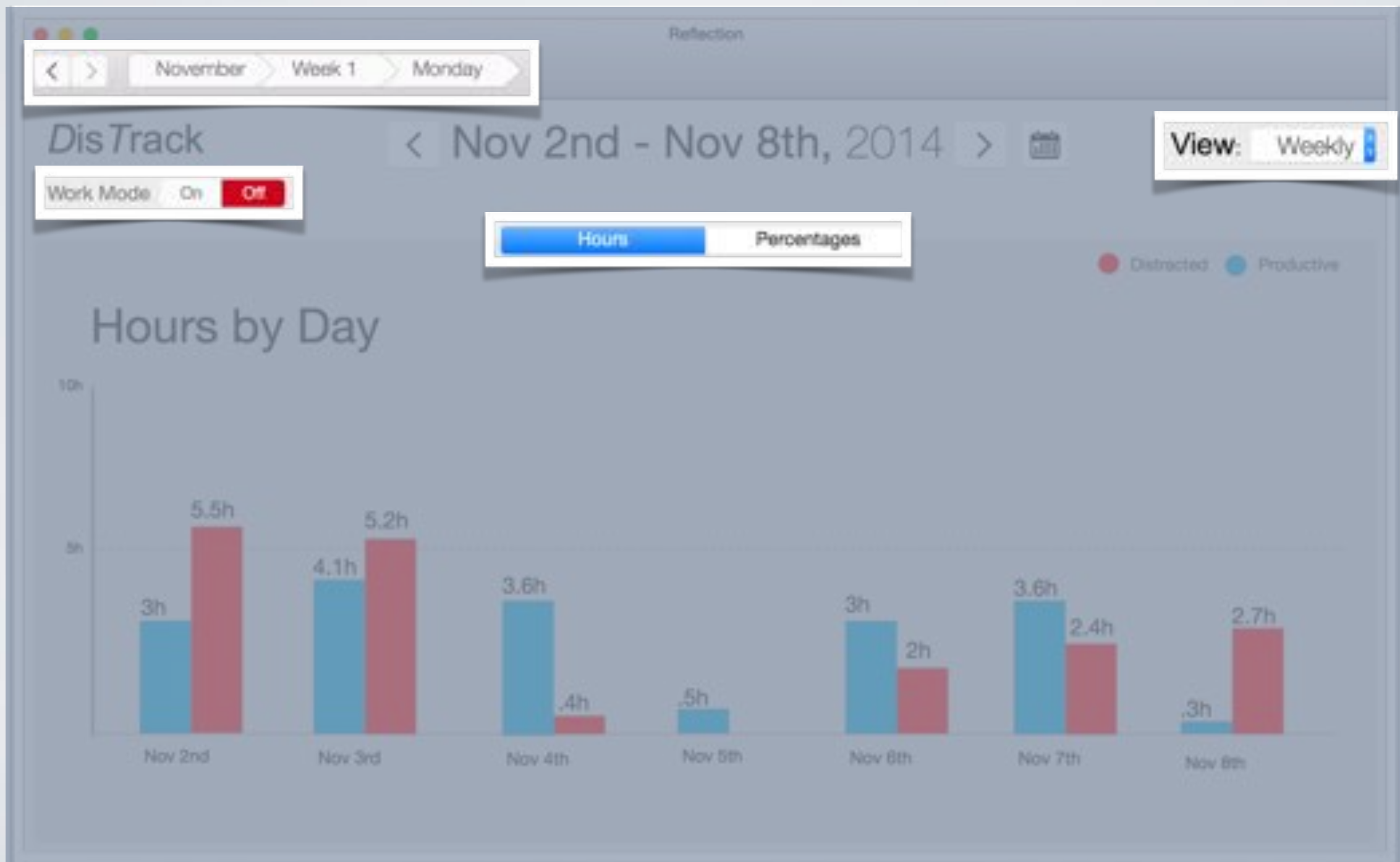
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# TASK I: REFLECT ON PAST STUDY SESSIONS

## Overall View



# TASK 1: REFLECT ON PAST STUDY SESSIONS

## Sessions View





# TASK 2: FINDING TOOLS TO STAY FOCUSED

Adding a recommended tool for an activity

The screenshot displays the DisTrack application interface. At the top, it shows the date and time: "November 2, 2014 Sunday". The "Work Mode" is currently set to "Off". A progress bar indicates the session's status, with "Distracted" (red) and "Productive" (blue) segments. A session titled "Session 2 (3 pm - 6:30 pm)" is shown, with a red bar representing "Facebook" activity lasting "2h 10m".

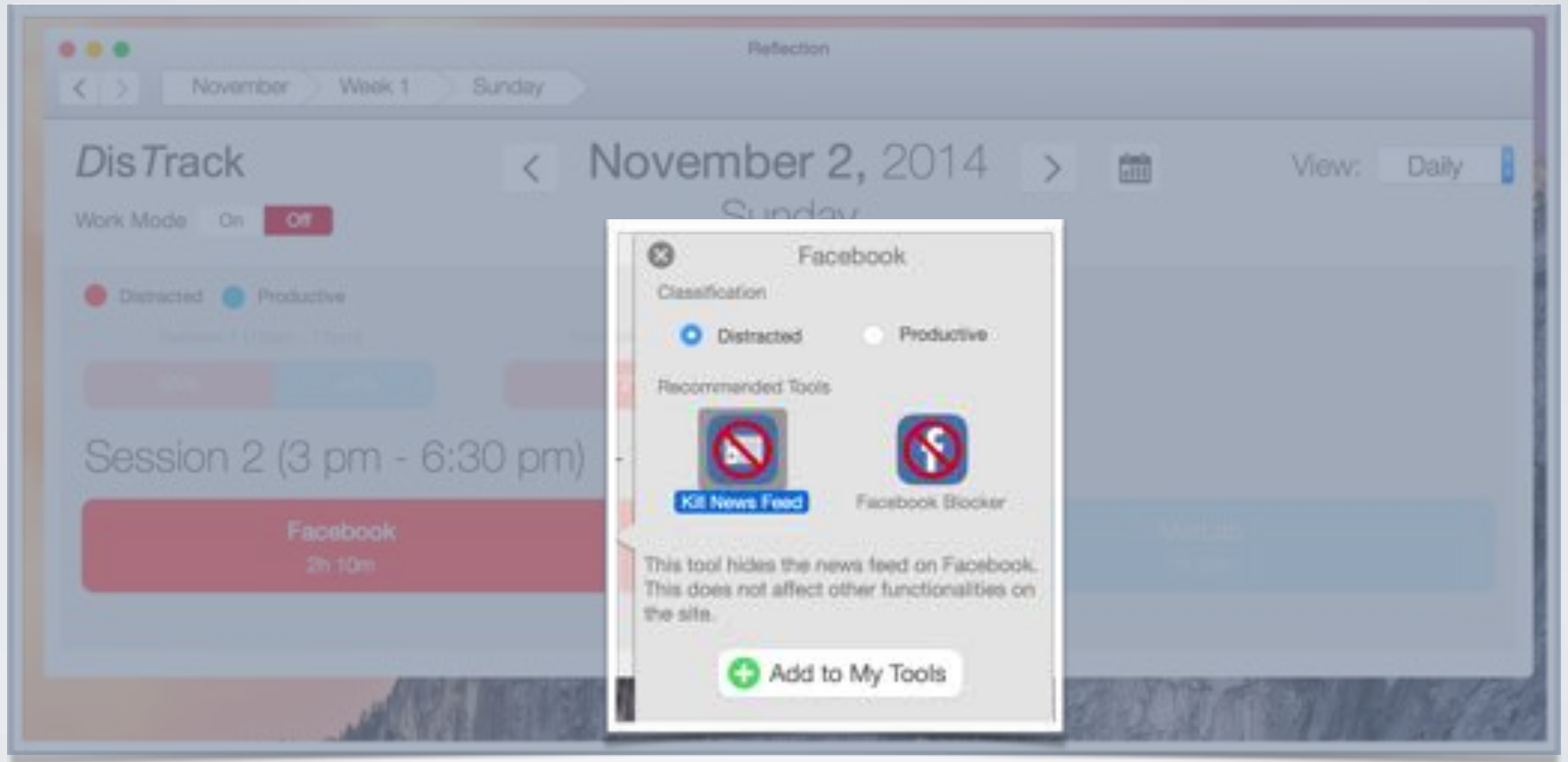
A tooltip window is open over the Facebook activity bar, titled "Facebook". It contains the following information:

- Classification:** "Distracted" (selected) and "Productive".
- Recommended Tools:** "Kill News Feed" (with a red 'X' icon) and "Facebook Blocker" (with a red 'f' icon).
- Description:** "This tool hides the news feed on Facebook. This does not affect other functionalities on the site."
- Action:** "Add to My Tools" (with a green plus icon).

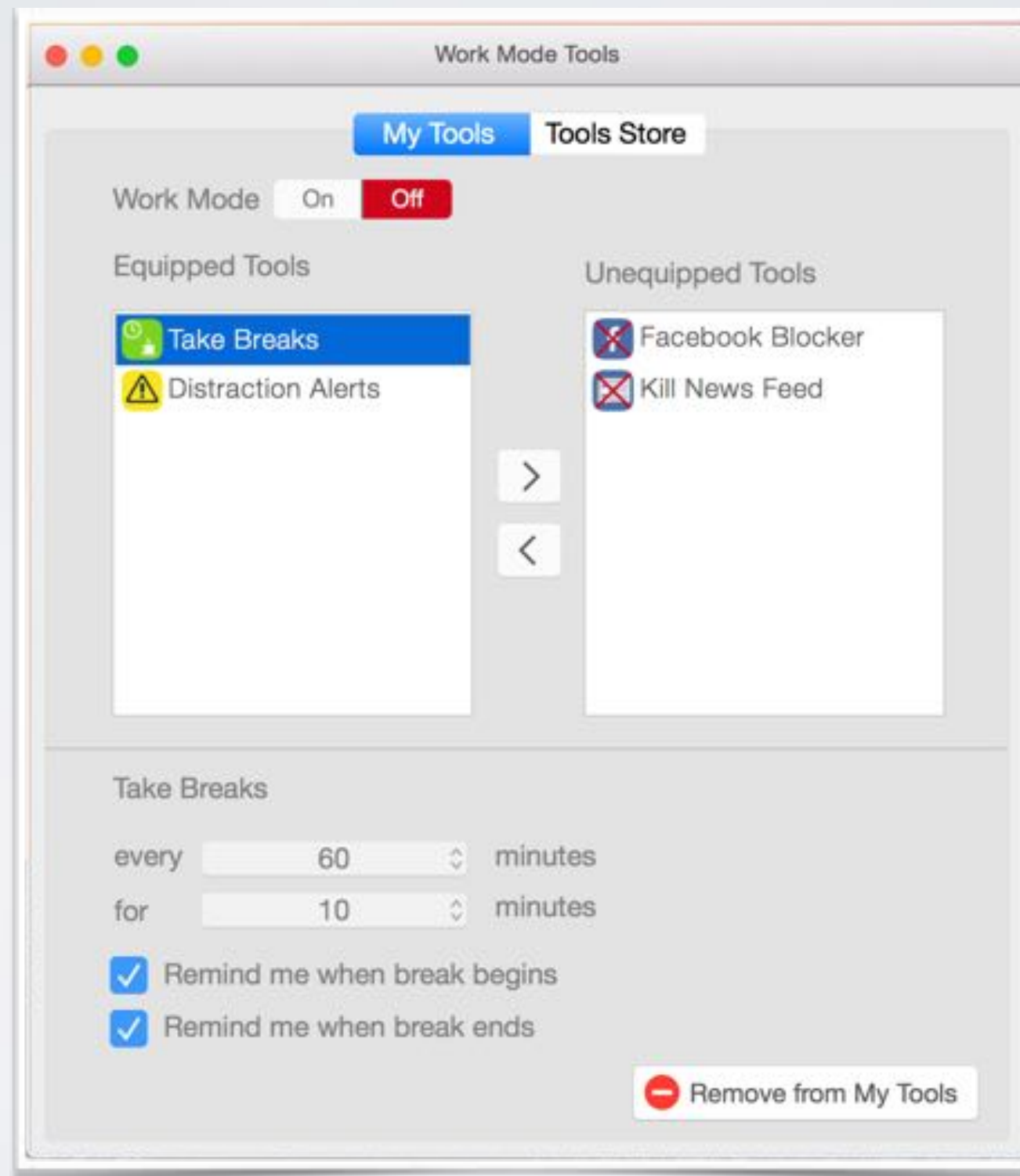


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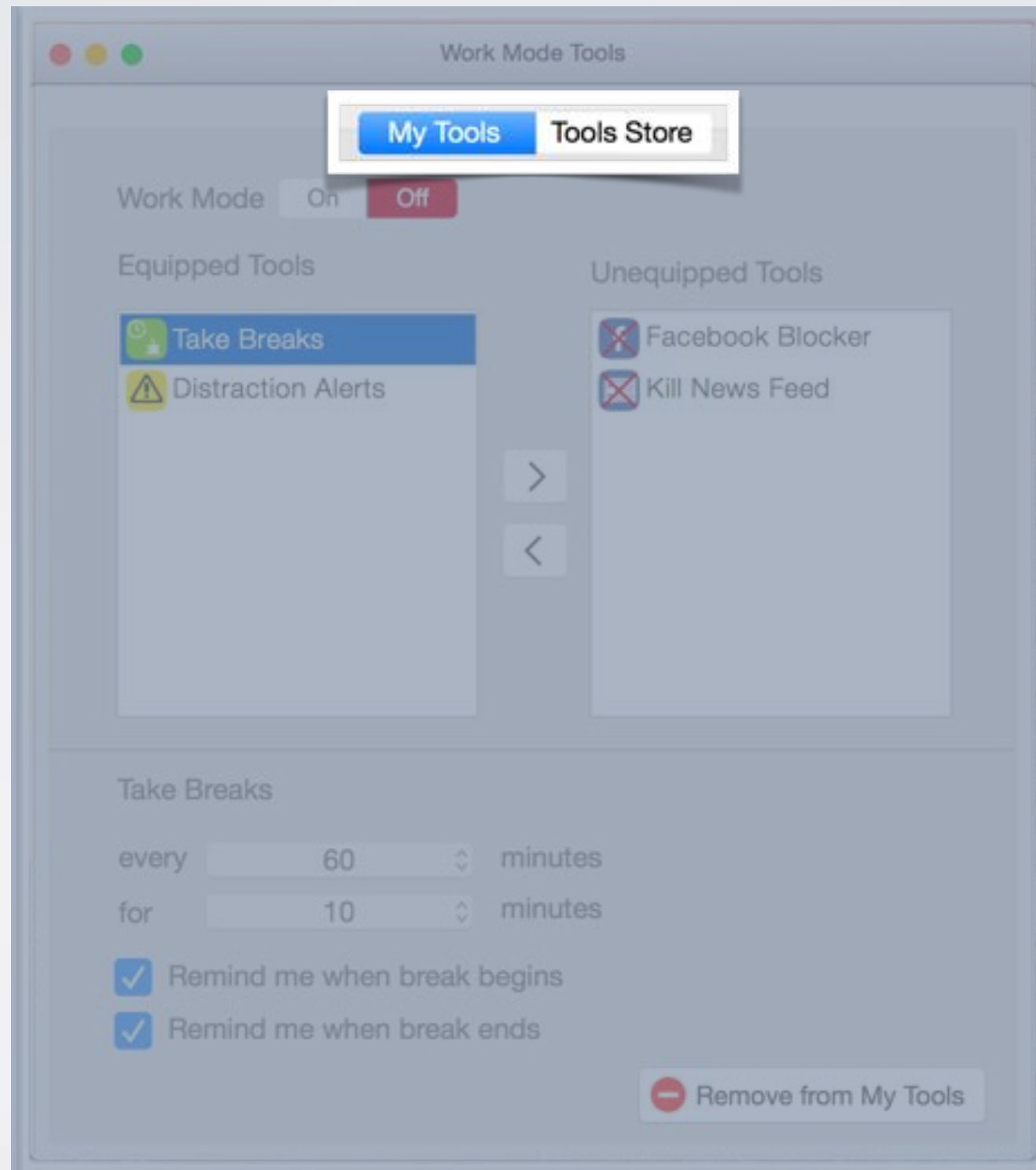
Adding a recommended tool for an activity



# TASK 2: USING TOOLS TO STAY FOCUSED



# TASK 2: USING TOOLS TO STAY FOCUSED



# LESSONS LEARNED

- Iteration is an effective design technique
- Rapid iteration benefits from discipline, time, and practice
- Designing two systems in parallel is difficult

THANK YOU!

*DisTrack*

*"Refocus Yourself"*