

## List of Hypothesis to test in round 1 of user studies

Note: Please take care of the tests for each hypothesis : How are we going to validate them ? What are we going to measure ? How are we going to know if a certain hypothesis is true or not ?

People use boards because they are frustrated of using pen and paper

Hypotheses:

0- Are students motivated AND abled to be productive ?  
?

1- People need to be reminded continuously of tasks and activities that they should or want to be doing

**Test:** forget, too much information to-do's, information duplication, people want their moms with all the time, people put thier to-do's in visible places

**Questions:**

2- People want to see their progress and have a sense of accomplishment

**Test:** treats, bonuses, points, crossing things out, remarks/compliments, separate by completion, looking at the end to get an idea of where you are, color coding

3- People need a quick way to sketch and capture their ideas

**Test:** paper, pen, sticky notes even though they have digital tools

4- People like to solve and/or communicate problems or collaboratively

**Test:** whiteboard, google docs, conference calls, verbal reminders

## 5. People complete more tasks if they visibly help them reach a goal

**Test:** resolutions, people compare themselves to where they want to be, goals can be shared, goal is the end and tasks are the means

### Questions

1- Ask them about their desks and work environments, what do they have in it (either on their computer or on their desk)

Hypotheses: 1, 2, 3

2- Ask them to tell us about a time that they forgot to do something important and what did they do to make sure that that doesn't happen again

Hypotheses: 1, 2, 4

3- Ask them how do they work with others to work or accomplish something

Hypotheses: 3, 5

4- Ask them about the apps they use on their phones, or computers and how do they use it and what do they have in it. Ask them about things they have tried and didn't work out for them.

Hypotheses: 3, 4

5- Ask them how they remember what they need to do

Hypotheses: 1, 2, 3, 5

6- Ask them when they go to bed and they feel unproductive what comes to their mind

Hypotheses: 2, 5

7 - Ask them when they go to bed and they feel they were productive what comes to their mind

Hypotheses: 2, 5

8- Ask them about the degree of detail in the things they either write down or capture electronically, and how do these differ depending on the context

Hypotheses: 3, 4

### **Other Questions:**

Ask people about how do their usual tasks for students it includes.

Ask for permission to record the session. If you have someone else the other person takes note if not you will listen to it again.

At the end listen to the studies, take further notes, and discuss.

a-learning in the class

b- studying alone

c- solving a problem / doing a homework

d- communicating with their peers about ideas

e- Reading something (What do they do in the book/paper ? Do they use notes ? Do they highlight ? )

## **Other Hypotheses**

2- People want to be able to be reminded and remind other people (because - the action lies with someone else, social pressure forces/ enables action)

3- People don't want to spend so a lot of time and effort on tracking the tasks and activities that they should or want to be doing

5- People want to be able to prioritize all their tasks and activities so they are spending time on what adds the most value to their life

7- People need a way to organize their ideas while they are thinking

8- People want to see only as much detail as needed while they are solving a problem

9- People want to be able to use their hands to solve a problem

11- People like to have a physical interaction with their thoughts, ideas and information because it makes it more concrete and memorable