

# Jarvis

Your best study companion!



April (Hang) Yin  
Gary (Jiayang) Zhou  
Field (Yepingzhi) Kuang  
Scott(Senghout) Lim



# Overall Problem



Procrastination ?



Undesirable grades ?



Too many distractions ?



No motivation to study?

- Organize study
- Awareness of personal study habits
- Motivation

You need a personal assistant -  
Jarvis!



# Contextual Inquiry

Year standing:

- Freshman
- Junior
- Senior

Majors:

- CSE
- Physiology
- Accounting

Locations:

- Odegaard Library
- Orin's Place
- Foster School Library
- Suzzallo Cafe



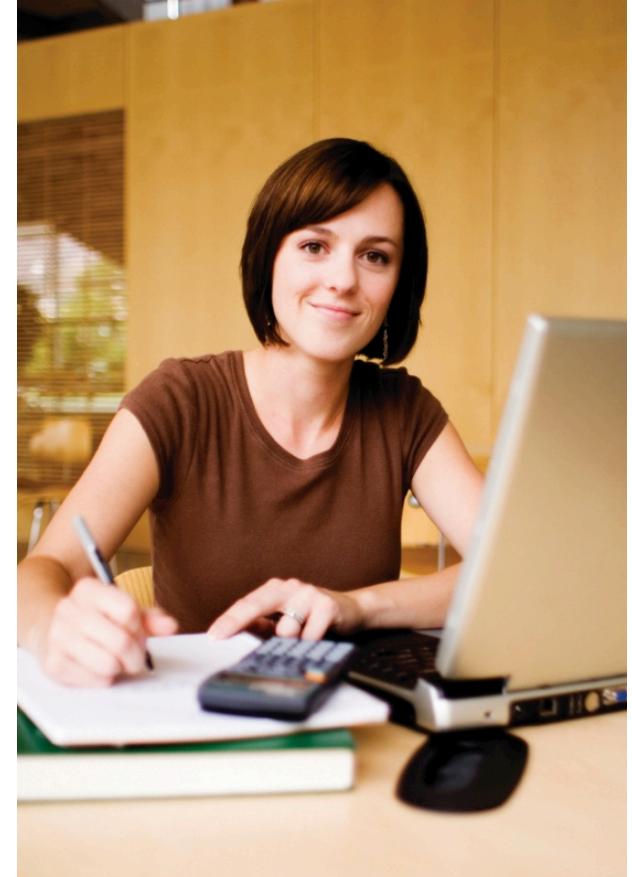


# Contextual Inquiry

## Things we learned:

Most of the participants:

- are motivated by deadlines
- don't have a good study plan
- fail to achieve their goal GPA occasionally
- affected by external distractions
- Environment matters

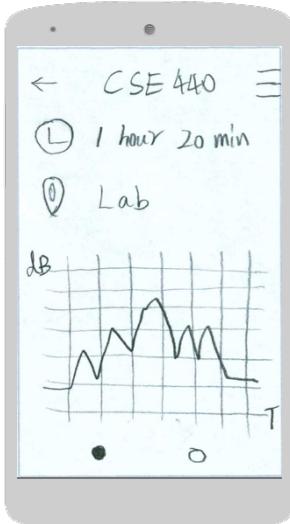
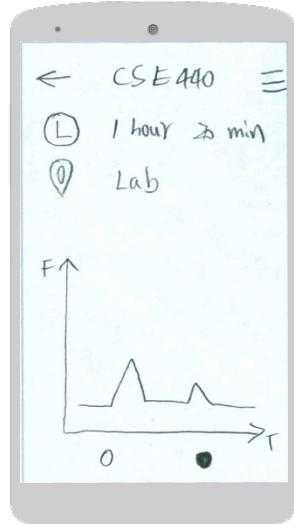
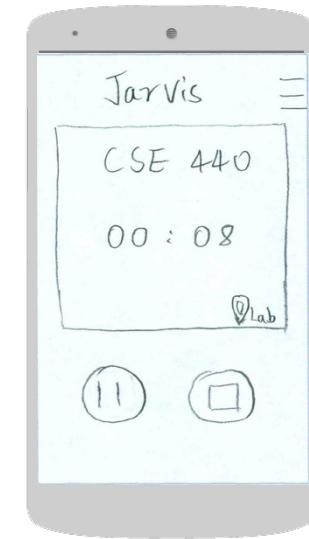
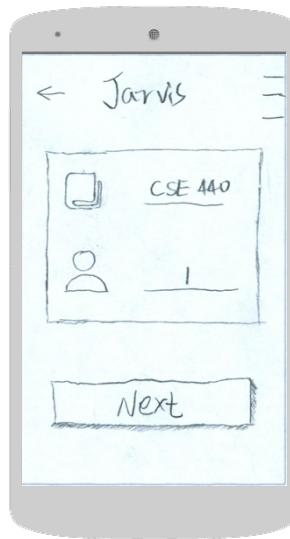
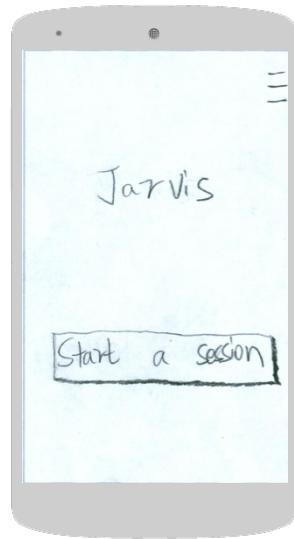




# 6 Tasks

- Recommend Study locations
- Record study session
- Prevent Distraction
- Preview course materials
- Evaluate study behavior
- Make smart study plan

# Design 1

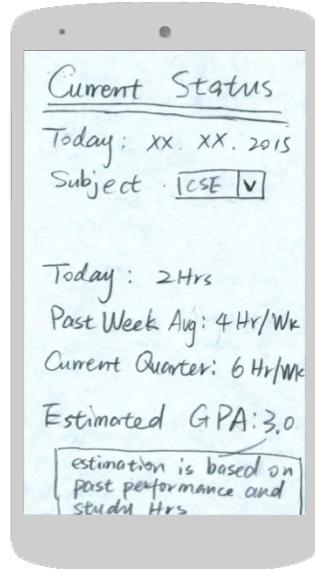
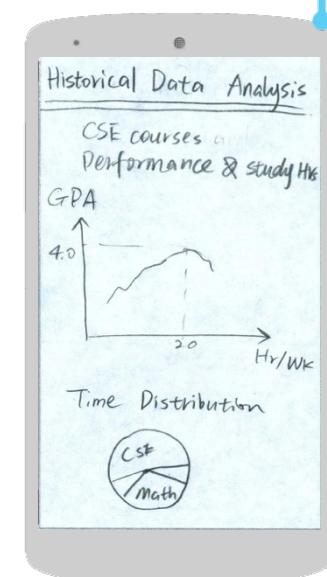
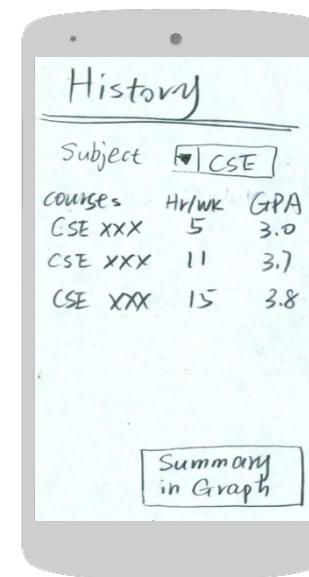
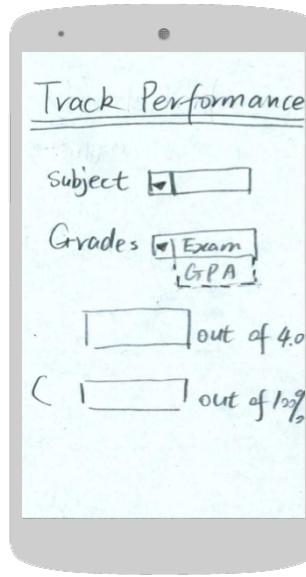
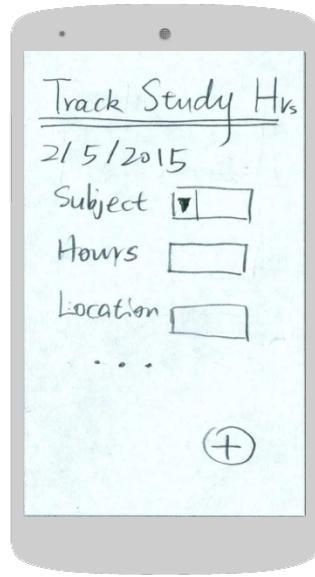


## Tasks Accomplished:

- Record Study Session
- Prevent Distraction



# Design 2



## Tasks Accomplished:

- Record Study Session
- Evaluate Study Behavior

# Design 3



**Set Goal GPA**

Courses	Goal	Recommended GPA Goal
CSE XXX	3.9	3.9
CSE XXX	3.7	3.8
Math XXX	4.0	4.0

Your ambition: top 5%  [Update]

**Customize Study Plan**

- Subject
- Time
- Location
- ...

[Make Plan]

**Weekly Study Plan**  
Winter 2015

Mon	Tue	Wed	Thur	Fri	Sat

[Modify]

**Day [▼ Mon]**  
8:00 - 10:00 am  
Subject: CSE XXX  
Location: CSE Lab  
Partners: ...

**Find A Better Place**

2:00 - 4:00 pm  
Subject:  
Location:  
...

[Done]

**Find Study Location**  
UW Seattle Campus  
Jan 10, 2015  
Study Group  2  
Projectors  Y  
Window  Y  
Quiet Area  Y  
Campus Location:  
N  S  W  E   
Every Week   
[Find]

**Recommended Location**

- Allen Library  
Booth XX
- Odgaard  
Room XXX
- ...

[link to UW library reserve system]

**Study Time!**  
Jarvis Task: Review Chapter 3  
2:10


## Tasks Accomplished:

- Make Smart Study Plan
- Recommend Study Location



# Design We Chose

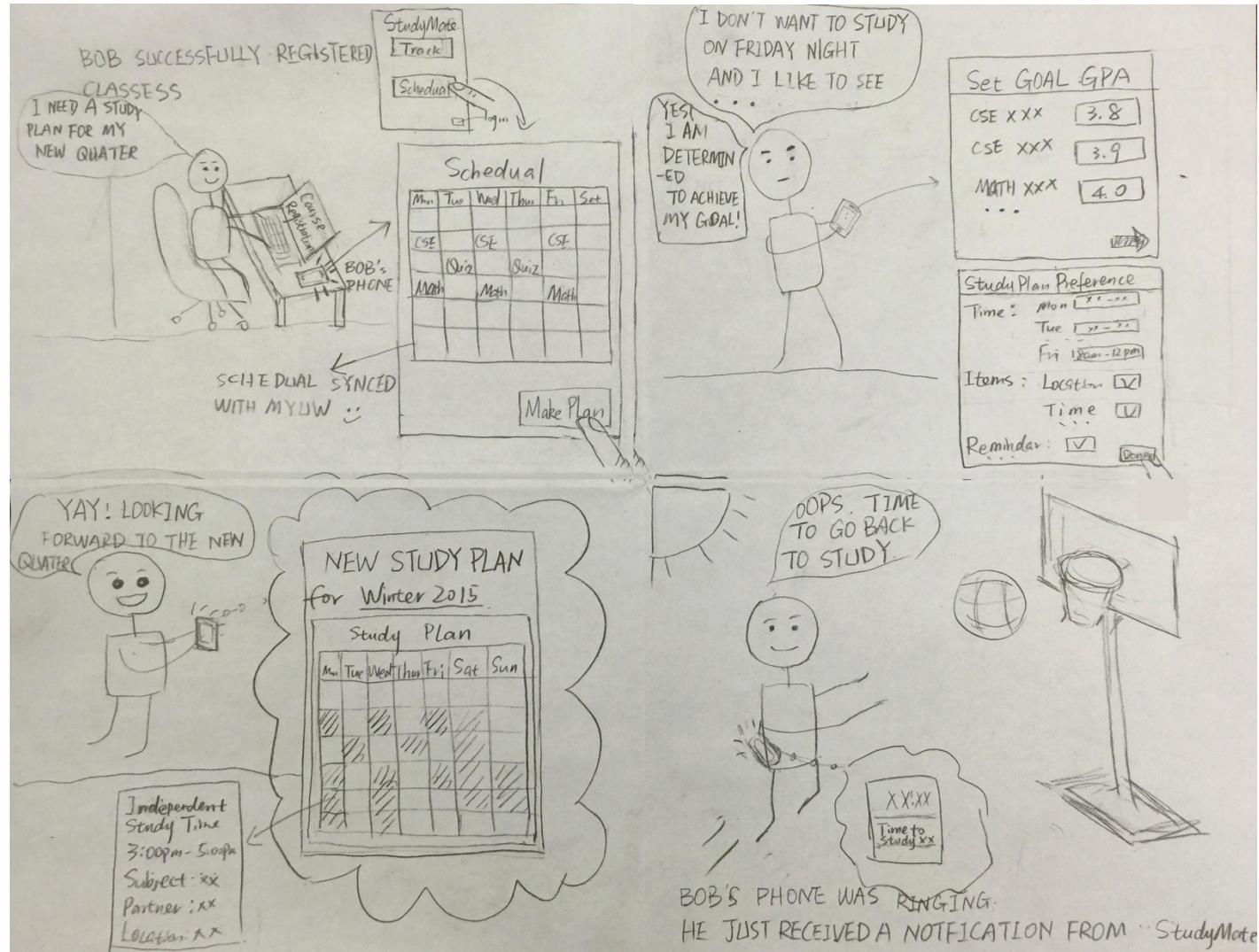
- Make study plan (Design 3)
- Recommend study location (Design 3)
- Track study session (Design 1)
- Track past performance (Design 2)

## Why?

- Solve common problems - organize study
- Increase motivation - set goals
- Intelligent tool - learn your study behavior

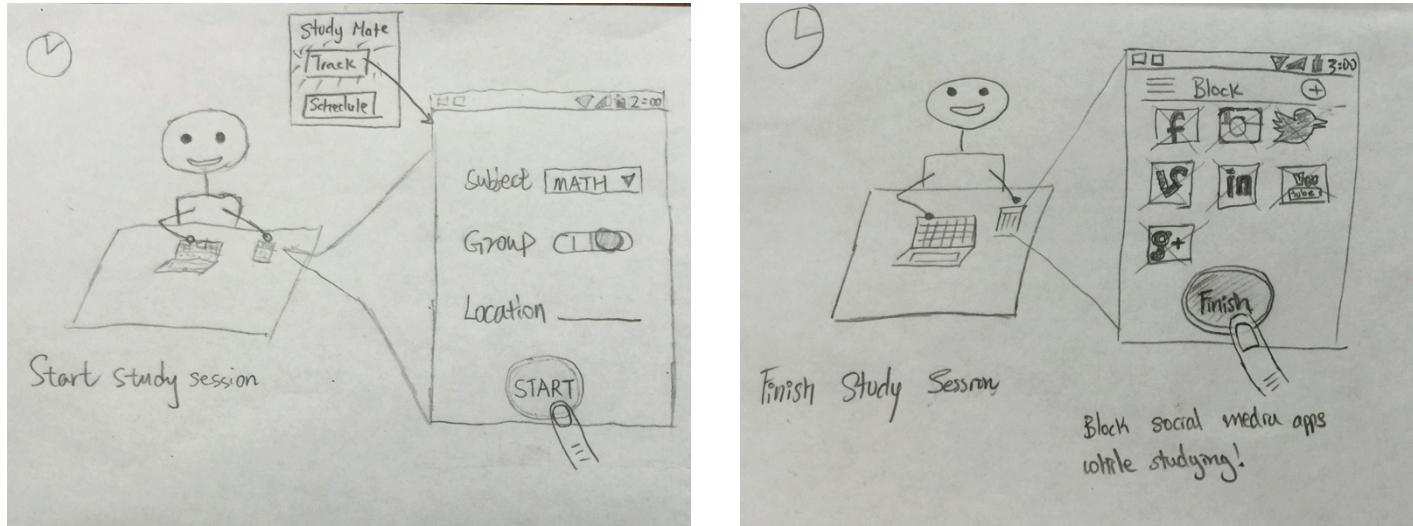


# Storyboard 1





# Storyboard 2





# Summary

- Start with an easy to harder tasks
- Avoid manually input data
- Getting quick feedbacks
- Focus is the key

# Comments and questions?

