



# JARVIS

Your best study companion

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

# Overall Problems

**Most students don't  
have study plans**

**Some students can't focus on study  
because of social lives**

# Initial Paper Prototype

# Make Study Plan

JARVIS

UW NETID

Password

Log In

JARVIS

Your class schedule is update!

Do you want to make a new plan?

Yes No

←

Become top 5% in class

Courses	Reference	Goal
CSE142	3.90	
CHEM142	3.80	
MATH124	3.80	

1 Customize Plan

4 Create Plan

3 ← Customize Plan

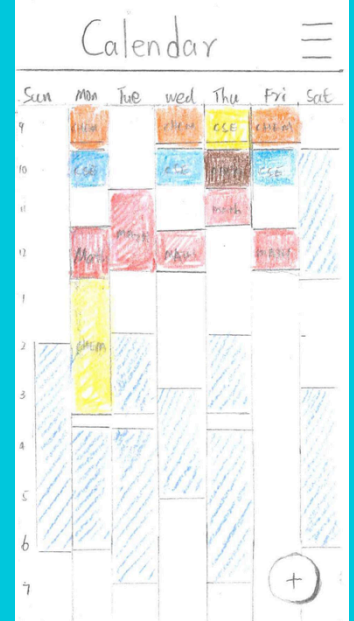
No study during

From  To

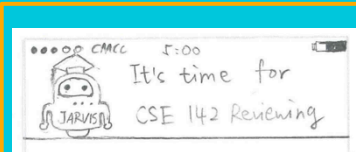
7 28  
8 29  
9 30 AM  
10 31 PM  
11 32

(S) (M) (T) (W) (T) (F) (S)

2 (+)



# Begin Study Session



SESSION

Subject: CSE 142

Participant: 1

Location: MGH 134

duration: 90 min

Note: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

NEXT

Silent Apps

General Notification

Messages

Wechat

Phone

facebook

Twitter

START

CSE 142

01 min

Done

SUMMARY

Subject: CSE 143

Participant: 1

Location: MGH 134

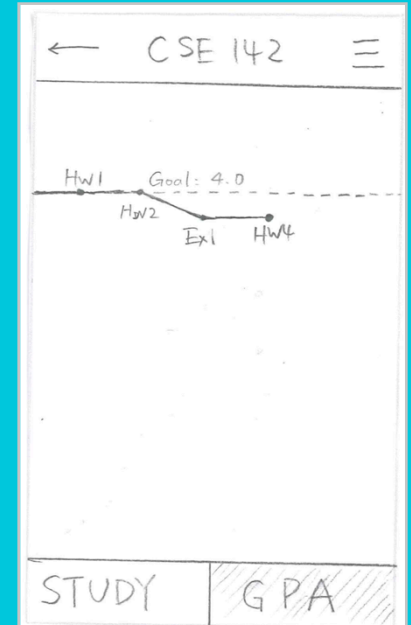
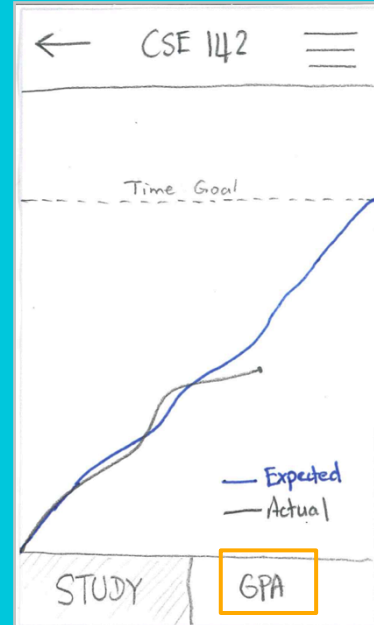
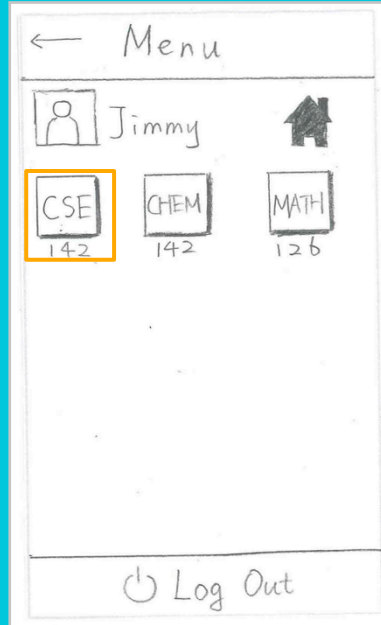
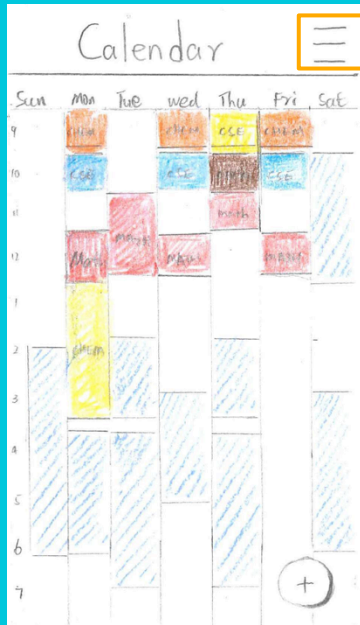
target: 90min

Actual: 85min

progress overall: 89%

REVIEW

# See your progress





# Testing Process

# Usability Tests



# Testing Results

Make things visible

←

Become top 5% in class

Courses	Reference	Goal
CSE 142	3.90	<input type="text"/>
CHEM 142	3.80	<input type="text"/>
MATH 124	3.80	<input type="text"/>

**Customize Plan**

---

create plan

Before

← Set Goals

Become top % in class

Courses	Top_% GPA	Goal
CSE 142		<input type="text"/>
CHEM 142		<input type="text"/>
MATH 124		<input type="text"/>

Customize Time →

← Customize Study Time

Create No Study Blocks

---

Import Calendars

---

Make Plan

After

# Balance Social and School life

← Customize Study Time

Create No Study Blocks

Import Calendars

Make Plan

← Import Calendars

iCloud ✓

Google

YAHOO!

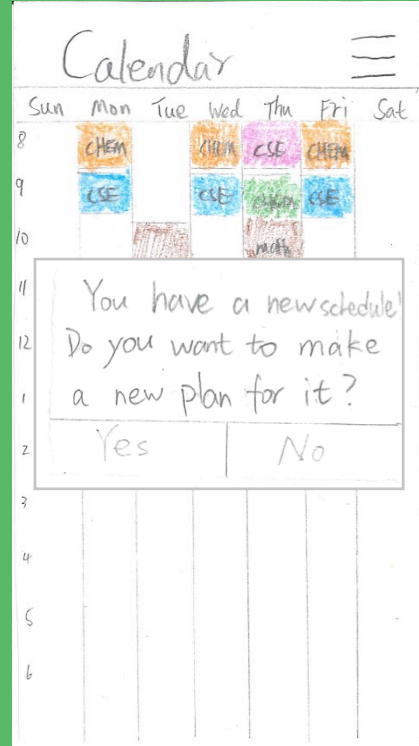
Outlook.com

Facebook

Make things clear

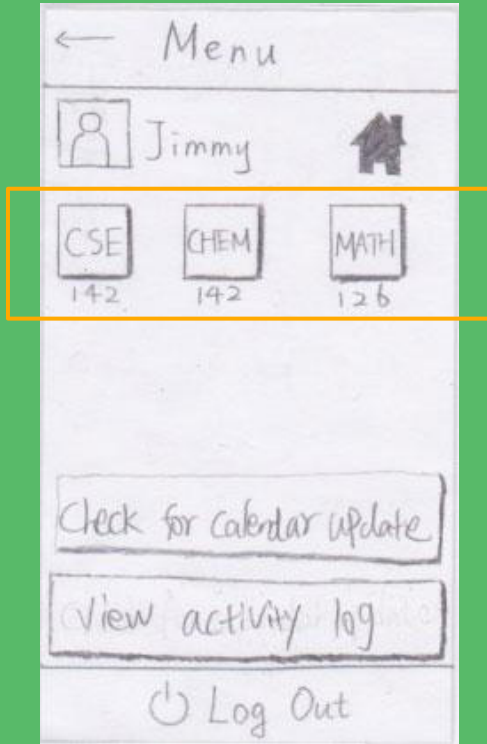


Before

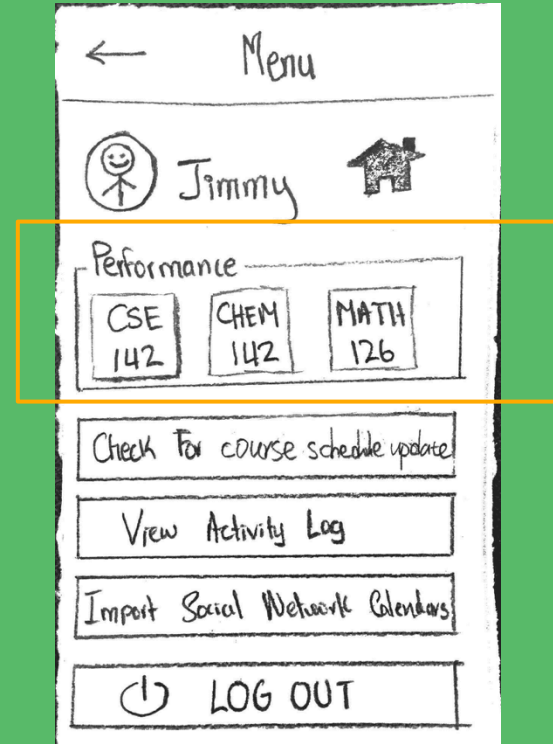


After

Make things clear

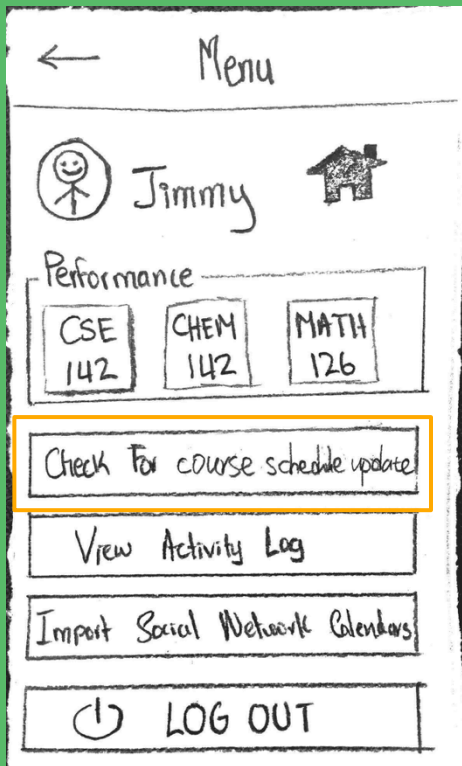


Before



After

# Provide feedbacks

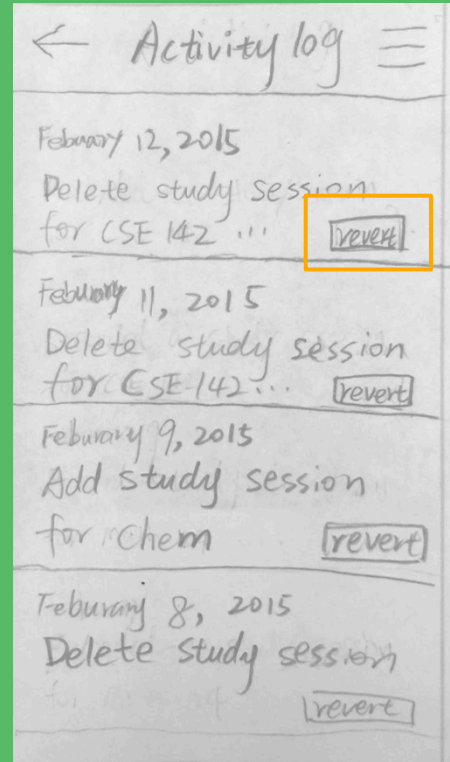
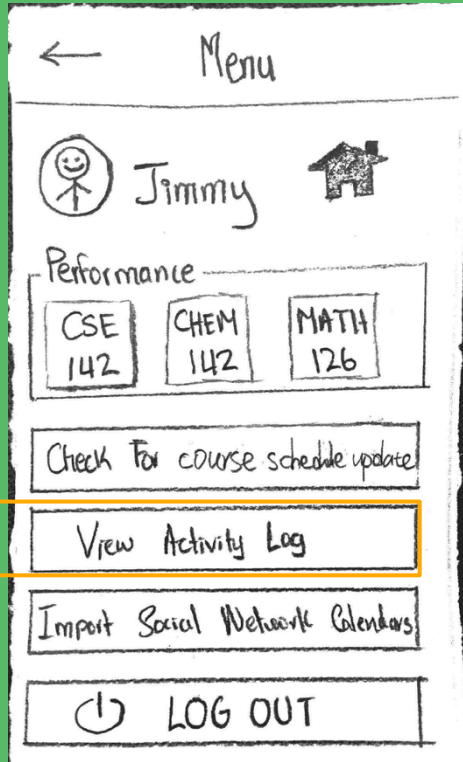


Your schedule is up  
to date.

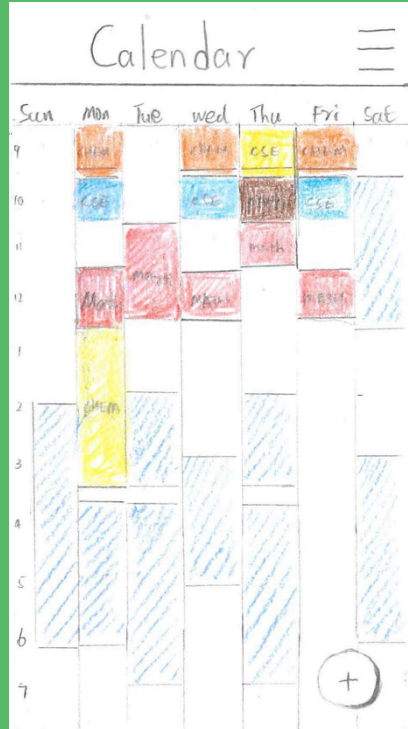
OK



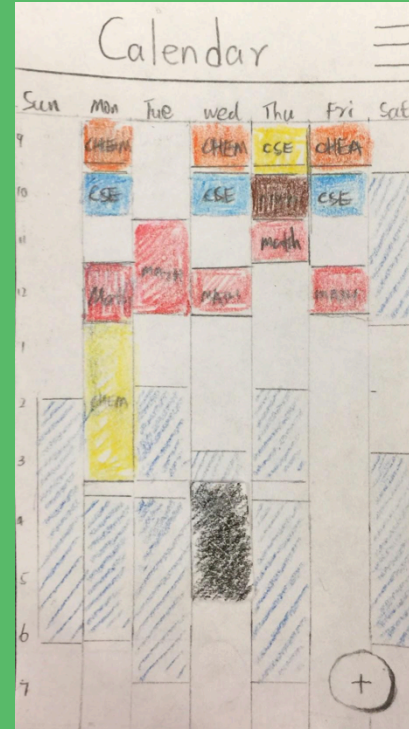
# User control & freedom



# Make things visible



Before



After

**Final Paper Prototype**

# Make Study Plan

JARVIS

UW NETID

Password

Log In

### Calendar

Sun Mon Tue Wed Thu Fri Sat

8	CHEN		CHEN	CSE	CHEN	
9	CSE		CSE	CHEN	CSE	
10				math		
11						
12						
1						
2						
3						
4						
5						
6						

You have a new schedule!  
Do you want to make a new plan for it?

Yes | No

### ← Set Goals

Become top % in class

Courses	Top_% GPA	Goal
CSE 142		<input type="text"/>
CHEM 142		<input type="text"/>
MATH 124		<input type="text"/>

1 Set Goals

2 Customize Time

Customize Time →

### ← Customize Study Time

Create No Study Blocks

Import Calendars

Make Plan


### Calendar

Sun Mon Tue Wed Thu Fri Sat

9	CHEN		CHEN	CSE	CHEN	
10	CSE		CSE	CHEN	CSE	
11				math		
12	math		math		math	
1						
2	chem					
3						
4						
5						
6						
7						(+)

# Begin Study Session

5:00 CMLC It's time for CSE 142 Reviewing



Four empty square buttons at the bottom.

SESSION

Subject: CSE 142

Participant: 1

Location: MGH 134

duration: 90 min

Note: \_\_\_\_\_

NEXT

Silent Apps

General Notification

Messages

Wechat

Phone

facebook

Twitter

START

CSE 142

00:13

Planned: 01h30m

Done

SUMMARY

Subject: CSE 143

Participant: 1

Location: MGH 134

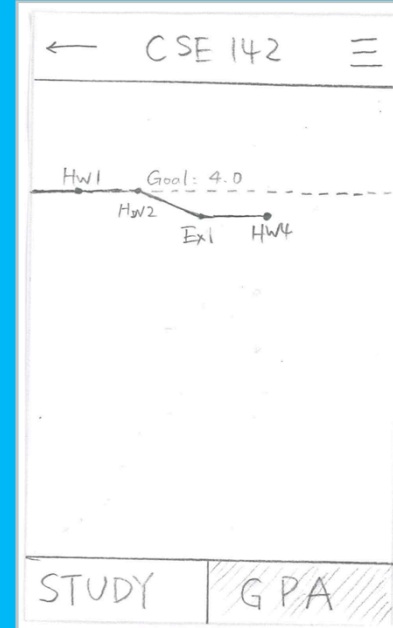
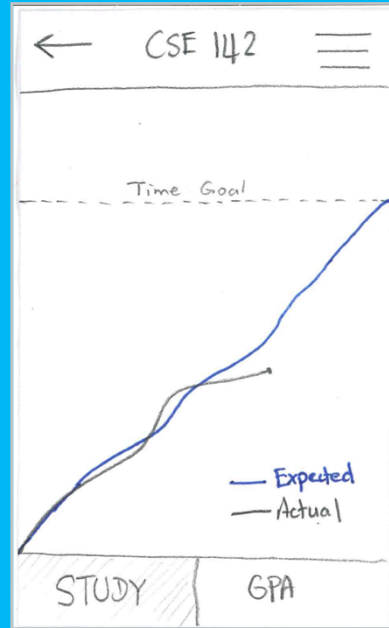
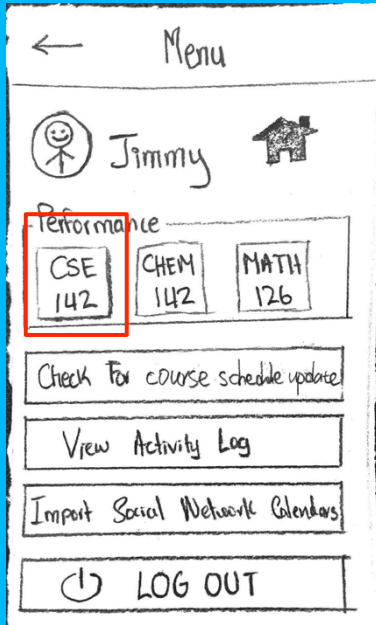
target: 90min

Actual: 85min

progress overall: 8%

REVIEW

# See your progress



# Digital Mockup

# Make Study Plan

**JARVIS**

Welcome

UW NETID

Password

Log In

**Calendar**

February

Sun 15 Mon 16 Tue 17 Wed 18 Thu 17 Fri 18 Sat 19

CHEM 142, CSE142, MATH 124

You have a new schedule. Do you want to create a new study plan?

No Yes

**Set Goals**

Become top  % in class

Courses	Top 4% GPA	My Goal
CSE 142	3.8	<input type="text" value="4.0"/>
CHEM 142	3.8	<input type="text" value="3.7"/>
MATH 124	3.9	<input type="text" value="3.9"/>

Customize Study Time

**Customize Study Time**

Create No Study Block >

Import Calendar >

Create Plan

**Calendar**

February

Sun 15 Mon 16 Tue 17 Wed 18 Thu 17 Fri 18 Sat 19

CHEM 142, CSE142, MATH 124

+



# Begin Study Session



### Start Study Session

Subject: CSE 142

Location: MGH 134

Participant: 1

Duration: 01h 30m

Next

### Silent Apps

General Notification:

Facebook:

Twitter:

Snapchat:

Instagram:

Tumblr:

Start

### CSE 142

00<sup>h</sup>:13<sup>m</sup>

Scheduled: 01h 30m

Done

### Study Session Summary

Subject: CSE 142

Location: MGH 134

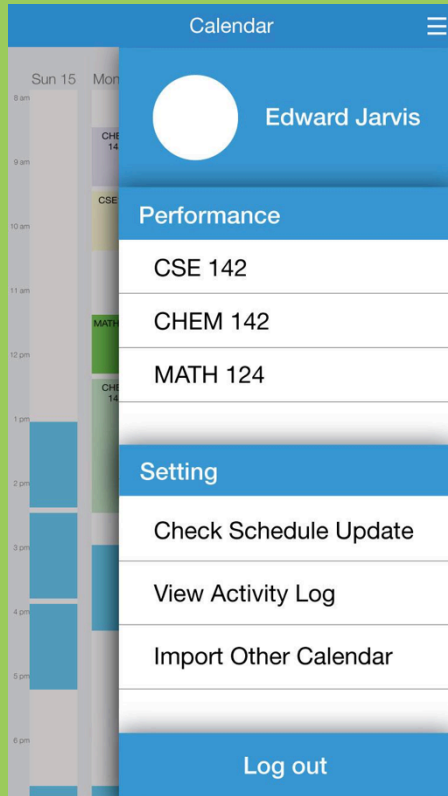
Participant: 1

Expected: 01h 30m

Actual: 01h 25m

Finish

# See your progress



Calendar

Sun 15 Mon

9 am

CHE 14

9 am

CSE

10 am

11 am

MATH

12 pm

CHE 14

1 pm

2 pm

3 pm

4 pm

5 pm

6 pm

Edward Jarvis

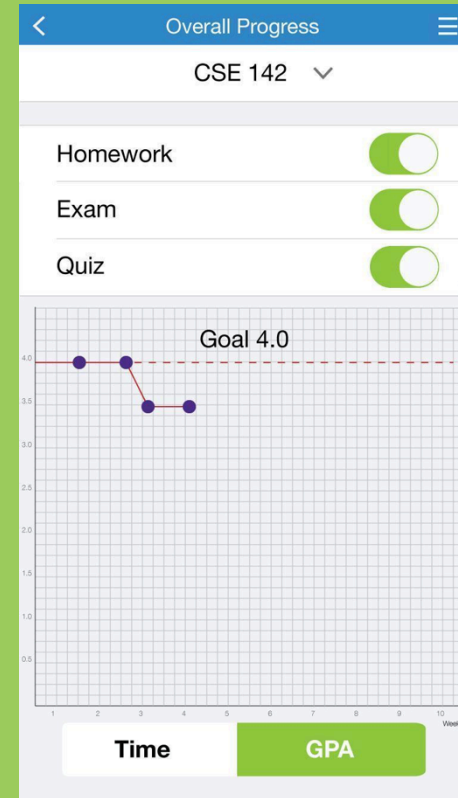
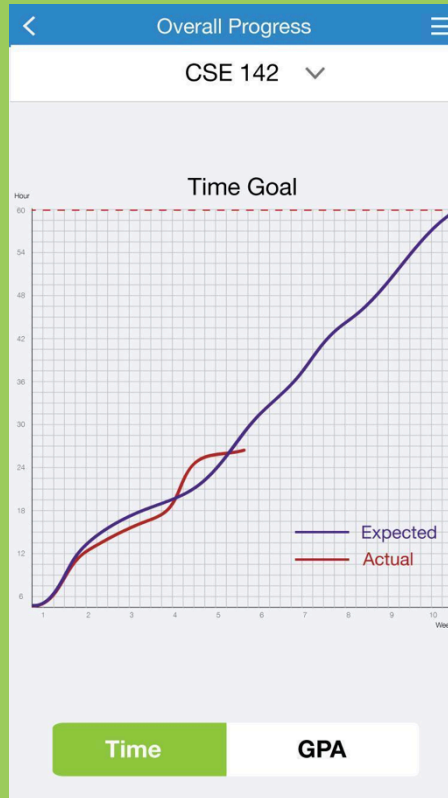
Performance

- CSE 142
- CHEM 142
- MATH 124

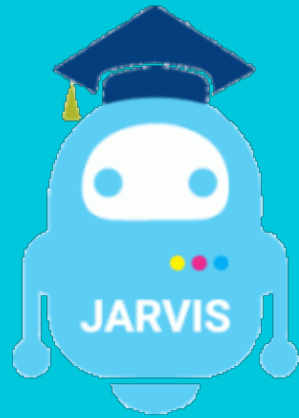
Setting

- Check Schedule Update
- View Activity Log
- Import Other Calendar

Log out



# Summary



Q & A