SKKU
Online reading room

Team 8

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박세연

김지수

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01 Background

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04 Merits & Expandability

LIBRARY
SKKU

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⁇ Where to Study ?

Café, Libraries, offline classes are closed due to **social distancing**.

University students have to study on their own, Which eventually **degrade learning performance**.

There is a **need for grouping students** to study together, without physically meeting.

<Solution>
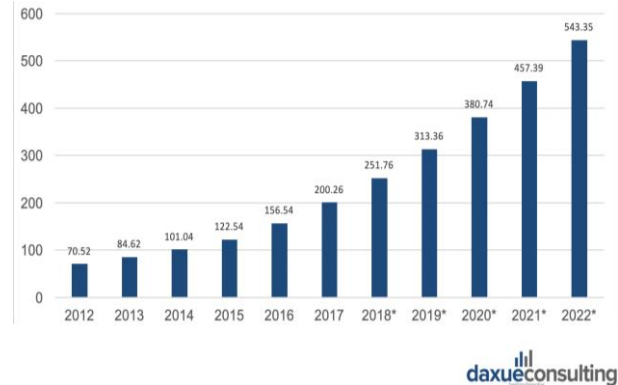**Online study group for peers in the same major**.

Competitors

- Similar businesses focus heavily on **Qualification Exam** and **private education**.

Market Size

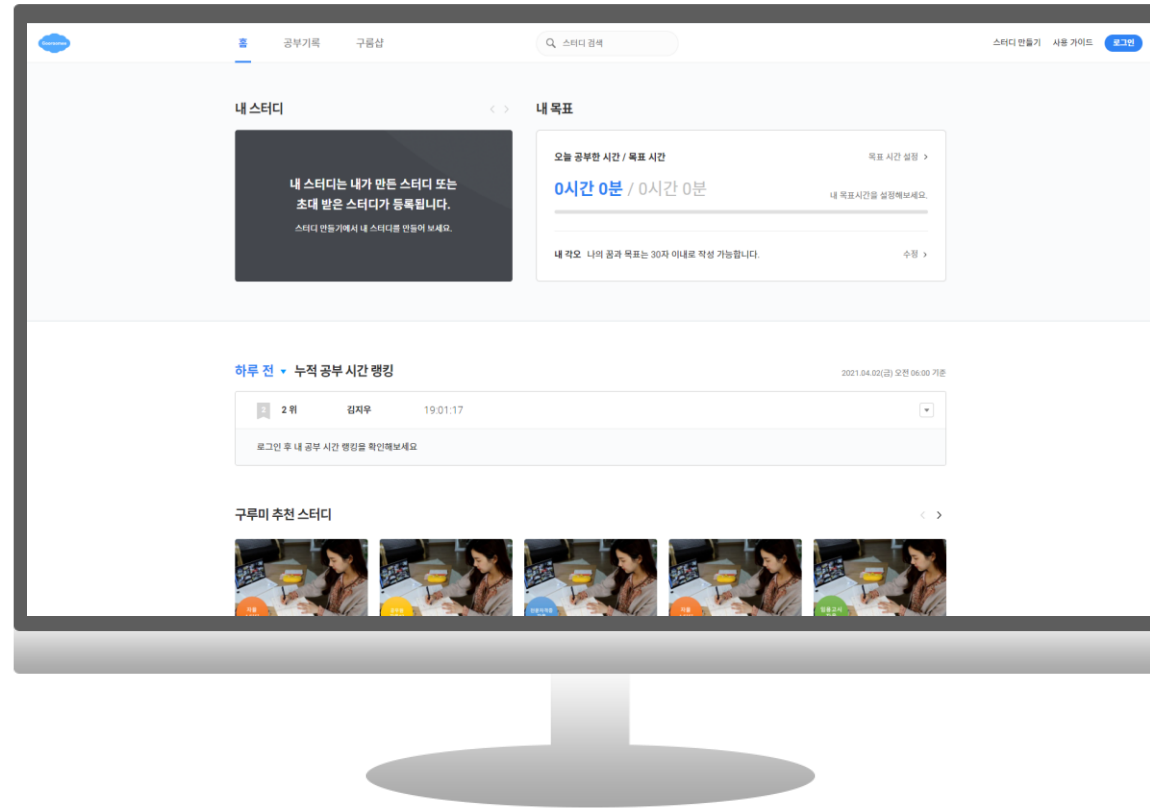daxueconsulting

- **E-Learning market** size is growing rapidly.

Differentiation

- Students are tired of studying alone.
- It became hard to **study with peers**.

**Case 1.
Gooroomee**

Case 2.
Timer with Passion

열정품은타이머

길고 긴 마라톤, 열품타에서 함께 공부하세요!
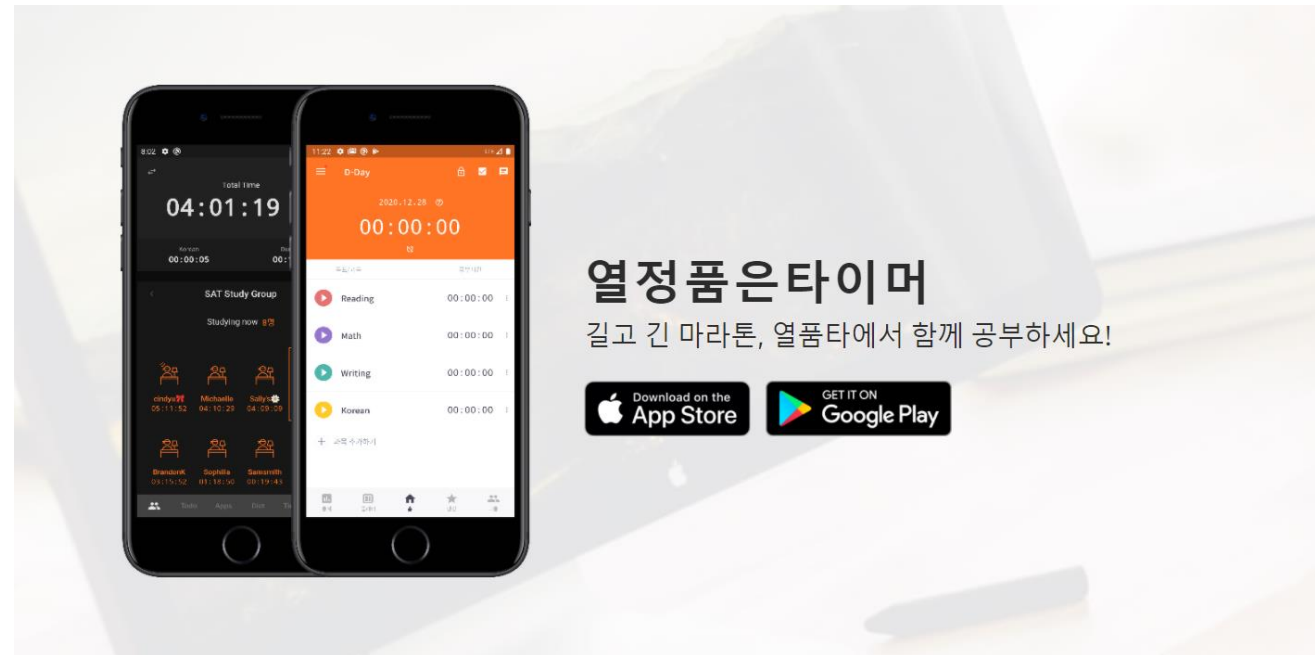
Provided as a mobile app, but real time video conference is not supported

Case 3.
MoocLab

Free to use, and simple UI. But doesn't have a video conference function.

Comparison Chart

Competing Businesses			
	Gooroomee	**Timer with Passion**	**MoocLab**
Video Conference	O	X	Relys on external program
Free to use	X	X	O
Max participant	16	50	Depends on the program
Community	X	O	O
Grouped by peers	X	X	X

System

Frontend

Backend

UI / UX

Database

Listing the information

Rank System

User input

WEB Server

Streaming
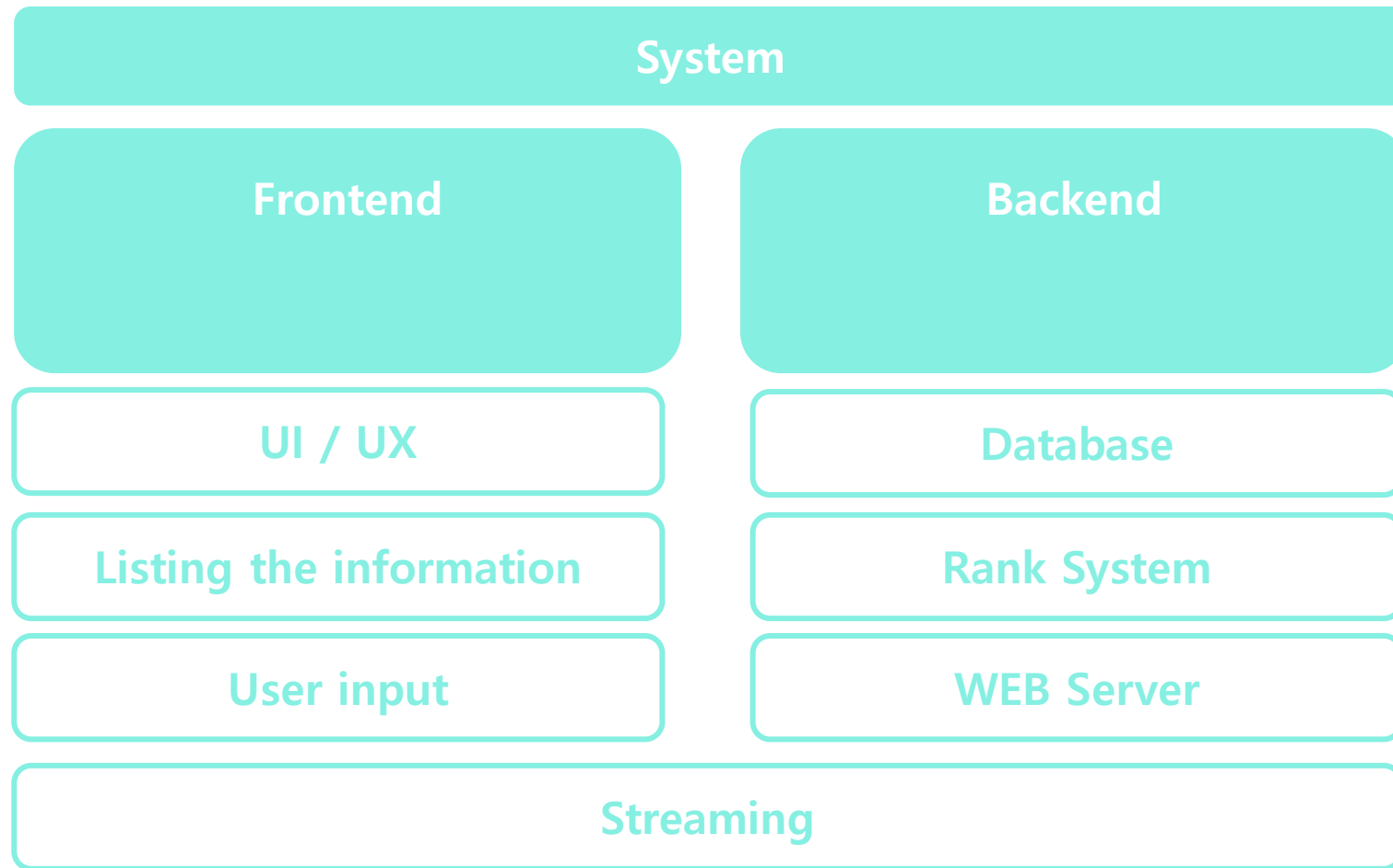
02 Development
Frontend & Backend

APP

Design

Frontend

Android Studio
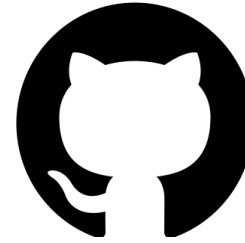
Github

Figma

Backend

Firebase

LIBRARY SKKU

ID

PW

Sign In

Sign Up

Sign Up

ID

PW

email

send email

LIBRARY SKKU

Send email after enter the ID and PW

Confirm the student by receiving the email(skku.edu)
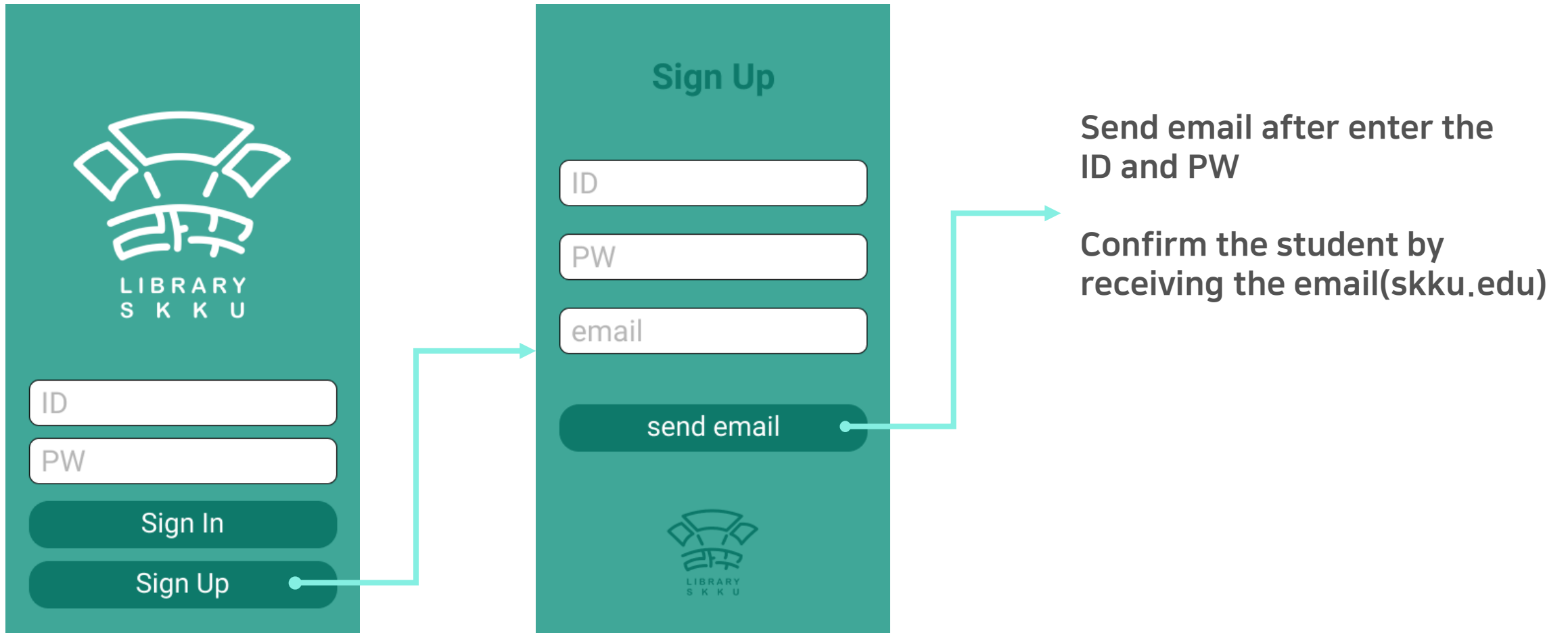
Show Information of login person

Ranking System

It shows the study time ranking of each departments changes every seconds

Logout Button

Can setting images and other things.

Library SKKU

My Info

image

name
student ID
department

1 st. Software ▲1

Go to Study Room

Go to Open Chat

log out

Library SKKU

My Info

image

name
student ID
department

1 st. Software ▲1

Go to Study Room

Go to Open Chat

log out

Click Open Chat, the list of open chat is provided

SKKU OPEN CHATTING

Software Engineering
이은석 교수님

Algorithms
김형식 교수님

Mobile App Programming
김영훈 교수님

Operating System
엄영익 교수님

Open Source Software
조재민 교수님

Computer Networks
추현승 교수님

Chatting System

Click the subject, we can use open chat of each subject

Open Chatting List

Used student Info. Stored in the school DB

Go to previous page

←

Library SKKU

Software

+

My Info

image

name
student ID
department

1 st. Software ▲1

Go to Study Room

Go to Open Chat

log out

the number of people studying
👤 300

Show the number of people currently participating in the study

Study Title
👤 1 / 4

Study Title
👤 4 / 4

Study Title
👤 5 / 6

Study Title
👤 1 / 4

Study Title
👤 5 / 5

Study Room List

Click the study and participate each study what you want

03 Design Concept
Make study page

← **Software**

the number of people studying
👤 300

Study Title
👤 1 / 4

Study Title
👤 4 / 4

Study Title
👤 5 / 6

Study Title
👤 1 / 4

Study Title
👤 5 / 5

+ →

← **Make New Study**

Study Title

maximum number of people

Create !

Make new study room

Can create a new study by yourself

Check the study time
during enter the study

Select the study
what you want,
you can enter the
streaming room

Software

the number of people studying
👤 300

Study Title
👤 1 / 4

Study Title
👤 4 / 4

Study Title
👤 5 / 6

Study Title
👤 1 / 4

Study Title
👤 5 / 5

1 : 23 : 09

Streaming Service
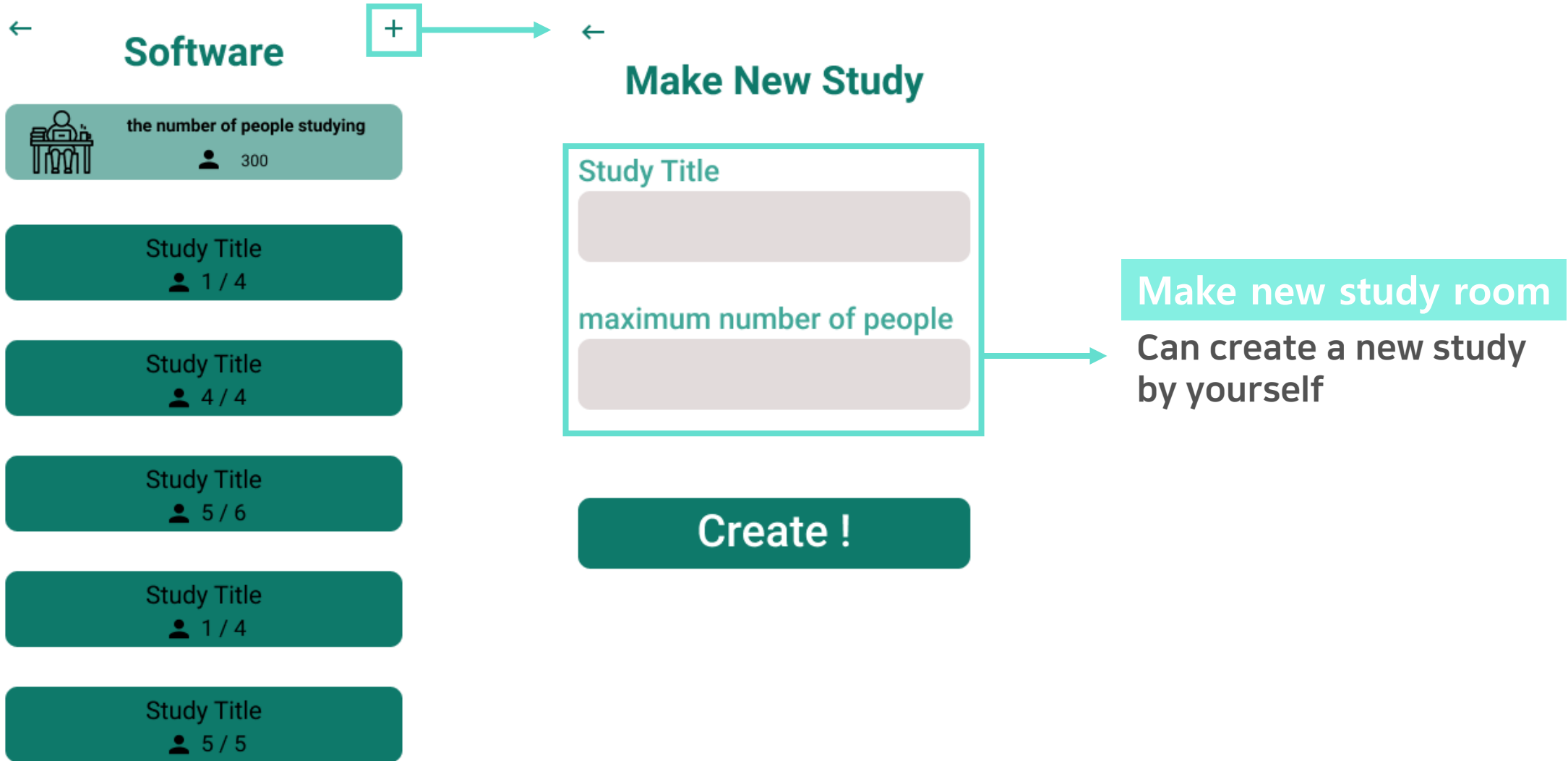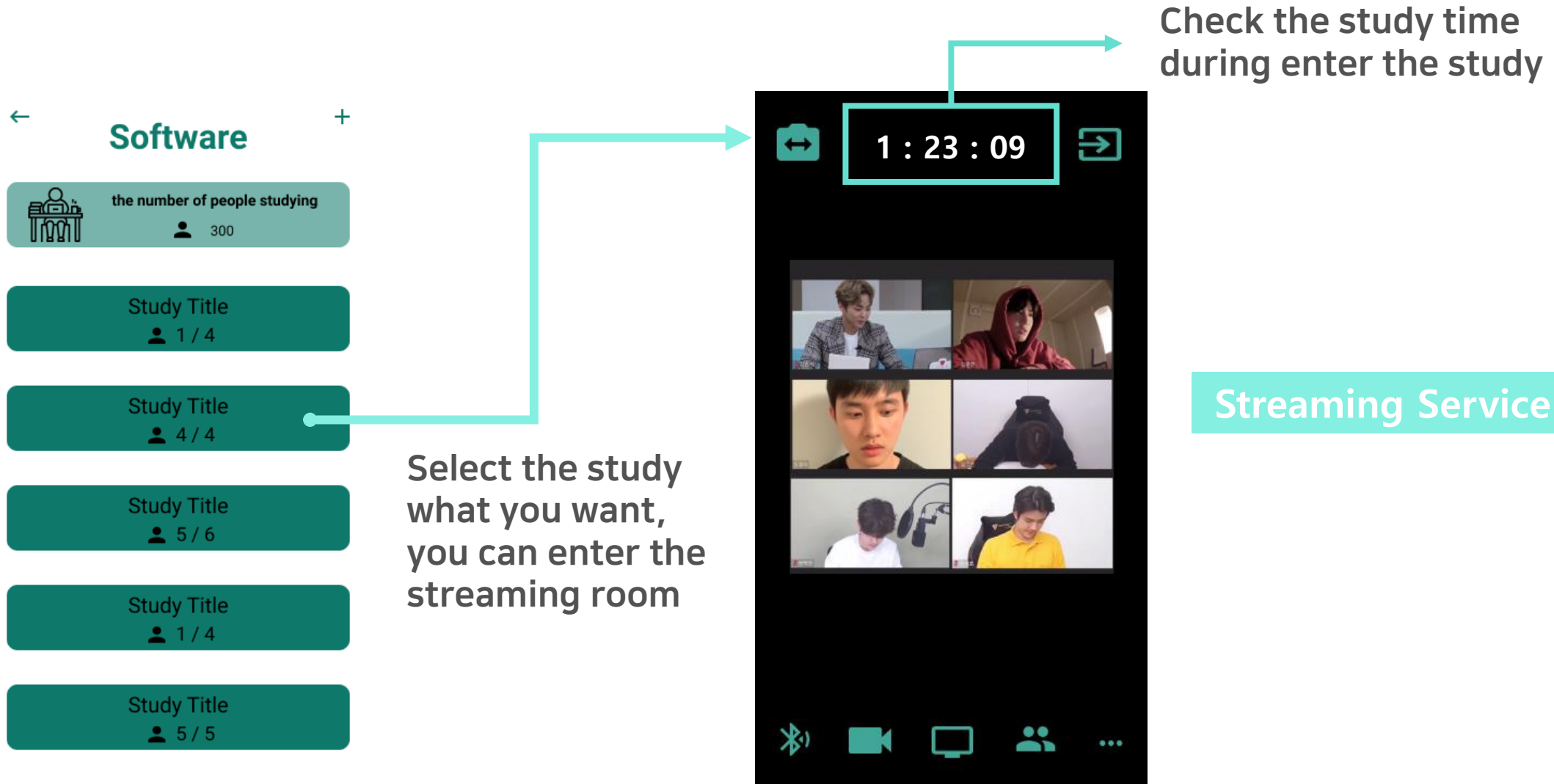
Can study with peers

Not affected by COVID-19

There is no noise from others

Open 24 hours

Increase learning efficiency

Students can freely discuss with each other about what they learn

You can check the time you studied.

Saves time as you don't have to go elsewhere to study

04 Merits & Expandability
Comparing with other service

	Competing Businesses			Our service
	Gooroomee	Timer with Passion	MoocLab	SKKU Online reading room
Video Conference	O	X	Relys on external program	O
Free to use	X	X	O	O
Max participant	16	50	Depends on the program	∞
Community	X	O	O	O
Grouped by peers	X	X	X	O

01
Other groups

....

Extensible
for other groups
other than SKKU

02
Study planner

....

To-do checklist and
study planner function
can be added

03
Messenger

....

Friend registration
and messenger function
can be added.

THANK YOU

LIBRARY
SKKU