The Campus Hub

Team 13

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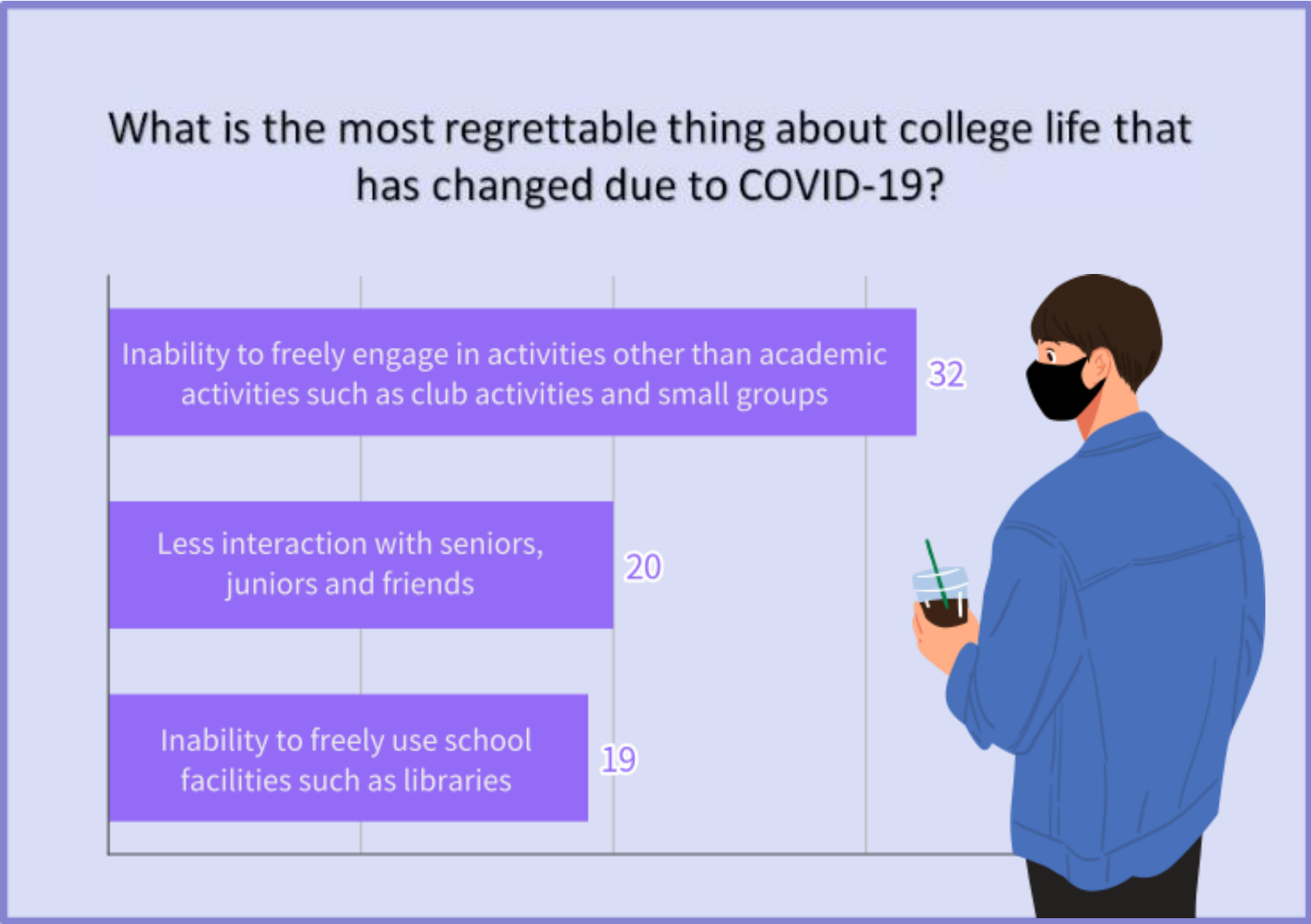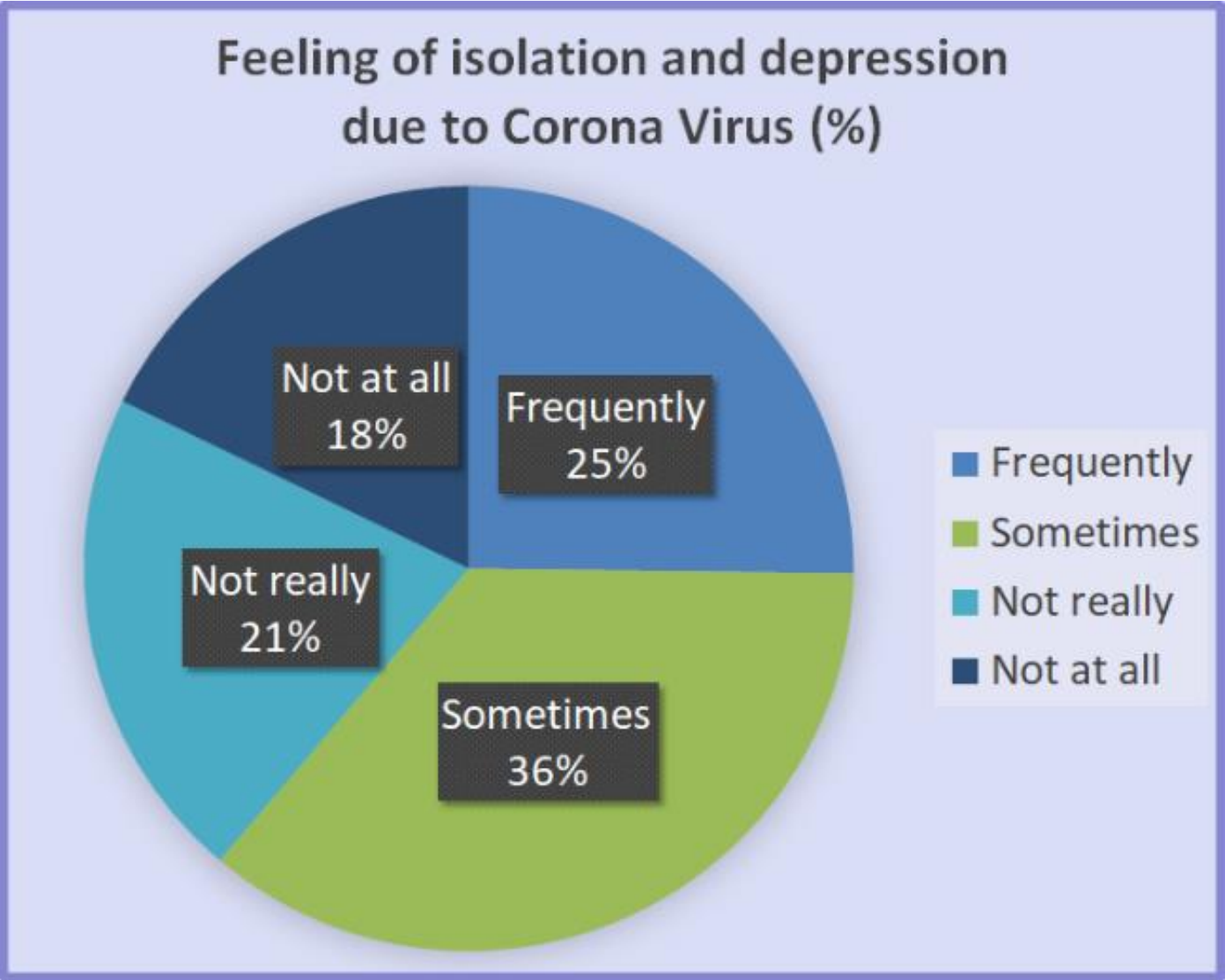
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Benefit

Background

Overview Interview

"Communication with professors was highly limited during online lectures even when the classes were conducted in real-time. Asking questions and receiving feedback would have been much ea sier in regular in-person classes."
(Seo, 2021)

"It's been a year and half since I entered college, but I barely know my fellow students. I've hardly had any chances to meet them in person, let alone hang out with them."
(Jeong, 2021)

<How Covid-19 has affected campus life in Korea>, The Korean Times

Overview Statistics

Feeling of isolation and depression due to Corona Virus (%)

- Not at all 18%
- Frequently 25%
- Sometimes 36%
- Not really 21%

Legend:
- Frequently
- Sometimes
- Not really
- Not at all

Satisfaction with university students
in science and engineering for distance learning (JoonAngIlbo)

KAIST, GIST, Digit, UNIST, POSTECH students for the survey

What is the most regrettable thing about college life that has changed due to COVID-19?

- Inability to freely engage in activities other than academic activities such as club activities and small groups — 32
- Less interaction with seniors, juniors and friends — 20
- Inability to freely use school facilities such as libraries — 19

The most disappointing thing about college life
that has changed due to COVID-19 (SK Insight, 2020)

Overview

✓ Due to distance learning, the quality of learning decreases and people feel depressed and isolated.

✓ It is inconvenient to not be able to freely use school facilities.

So, Students are **not satisfied** with their **school life** due to the corona virus.

Market status   Campus

Dongshin University

Soonchunhyang University

Konkuk University

A metaverse format
focused only on the lecture itself

Short-term metaverse event applied only
to the entrance ceremony

Short-term metaverse event applied only
to the festival

As it is a service that provides only one function, it cannot satisfy all the needs of students.

Market status   Hub

Hana Global Campus

Hana Campus in Zepeto

Mentoring program

Photo shot for certification

Seminar& Lecture
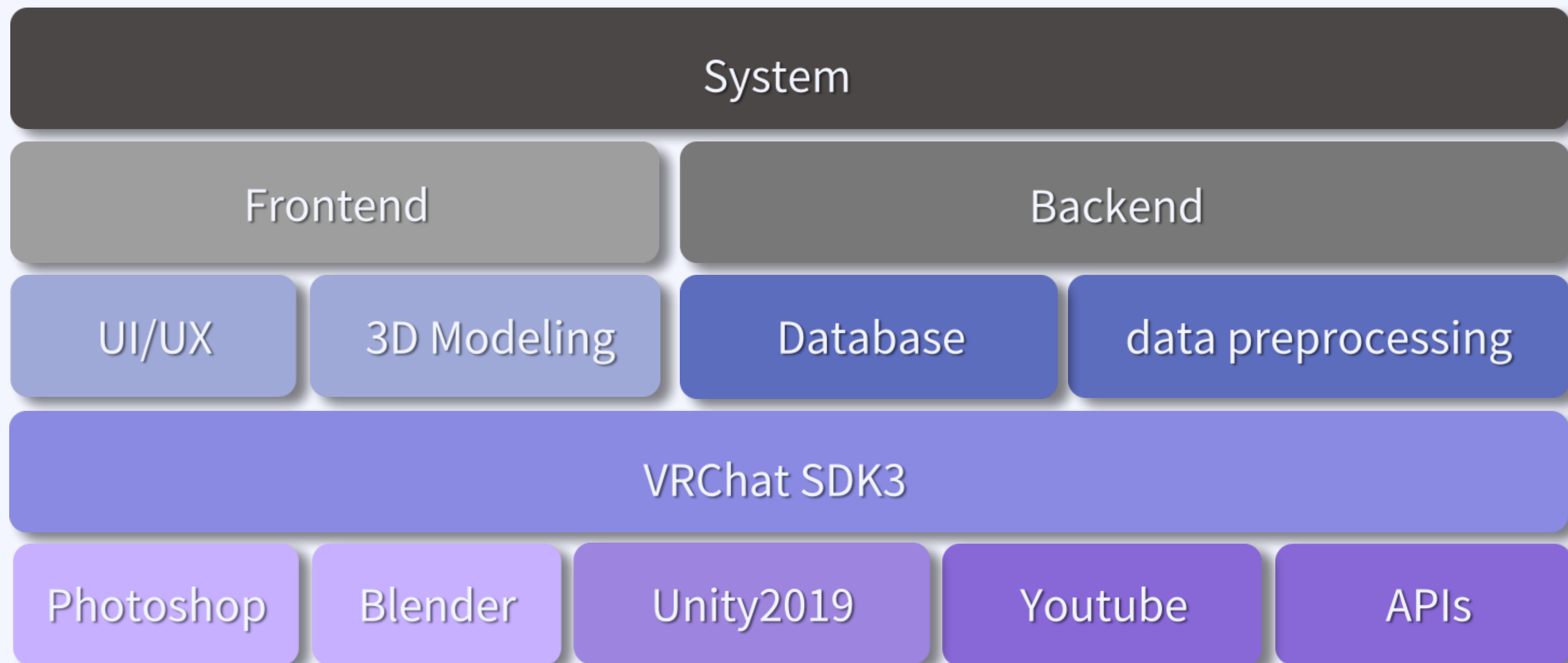Counseling service

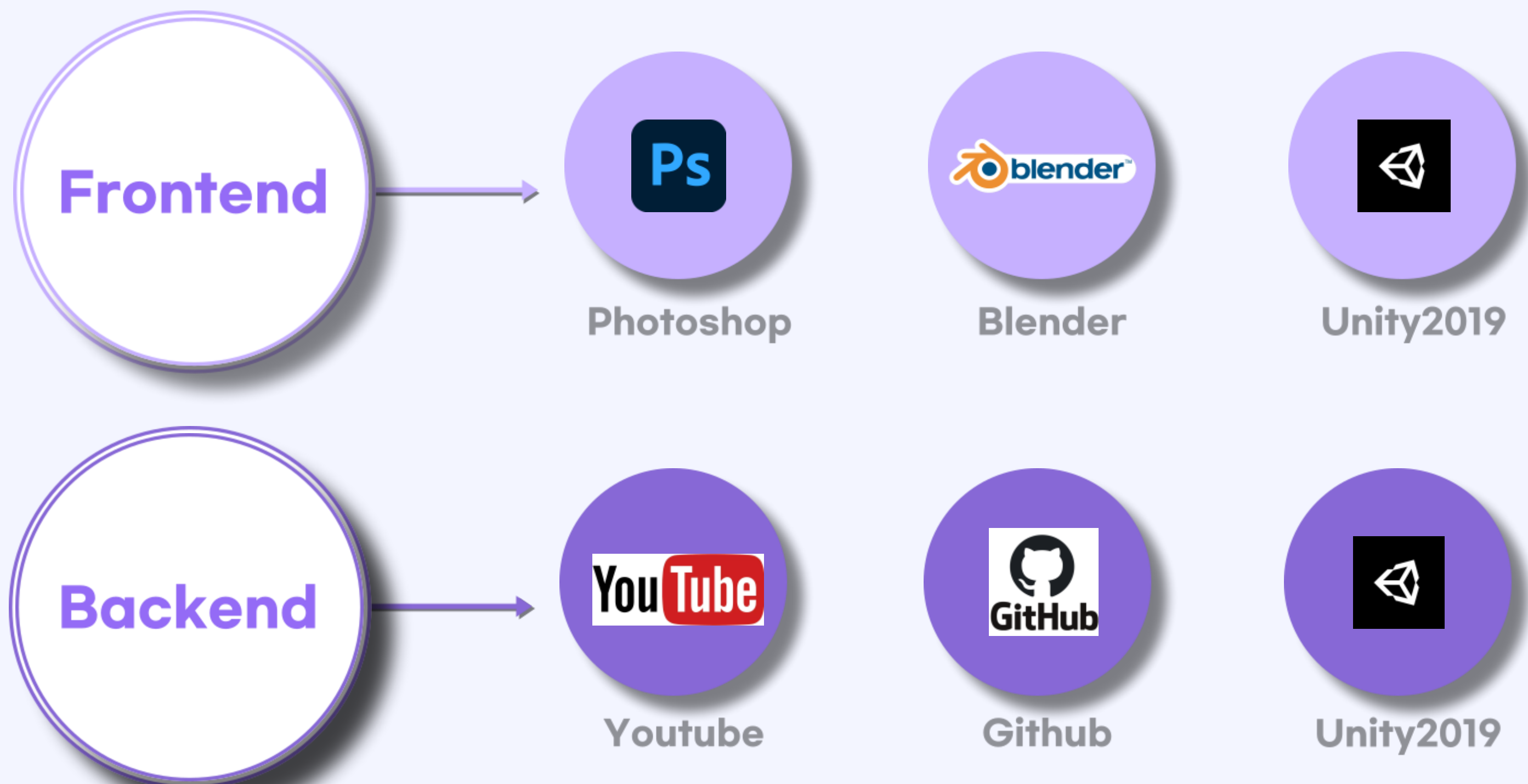Meeting

Goal & Method

Goal

Enable students to enjoy campus life through a Hub

Students can study or play with their friends
while visiting a library, exhibition hall, classrooms,
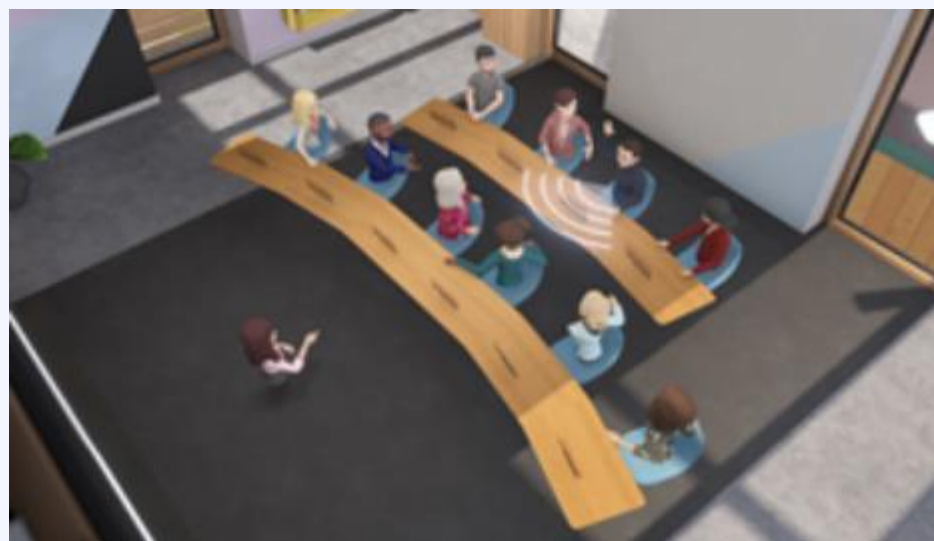and entertainment spaces on the hub.

Methods

Tools

Frontend

Photoshop

Blender

Unity2019

Backend

Youtube

Github

Unity2019

Prototype

Classroom

Library

Hub

Exhibition

Process

Plan Overall Schedule

9/20(W4) ~ 10/24(W8)
Requirement specification

10/11(W7) ~ 10/24(W8)
Design

10/25(W9) ~ 11/14(W12)
Component implement

11/1(W11) ~ 11/21 (W12)
Integration

11/22 ~ 11/28 (W13)
Code Review

11/22(W13) ~ 12/5(W14)
Testing

11/29 ~ 12/5(W14)
Prepare final Presentation

Plan   Demonstration Process

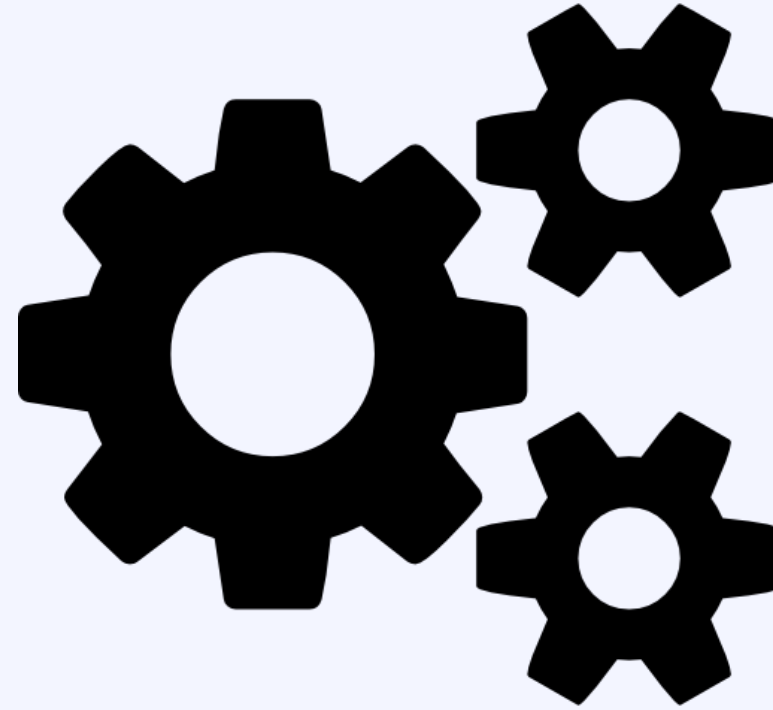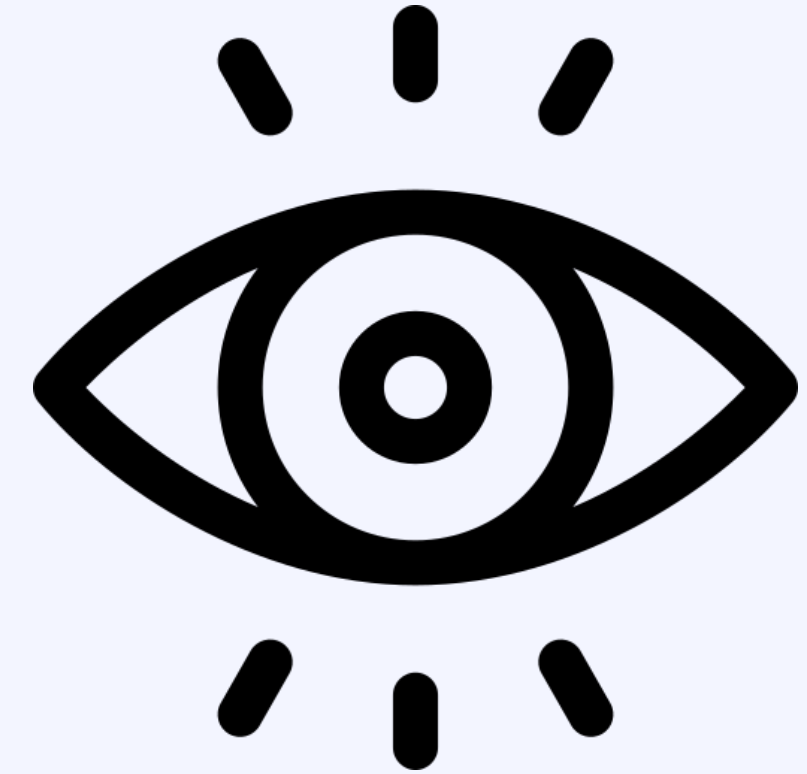| Unit Testing | → | Integration Testing | → | System Testing | → | User Acceptance Testing |

Evaluation
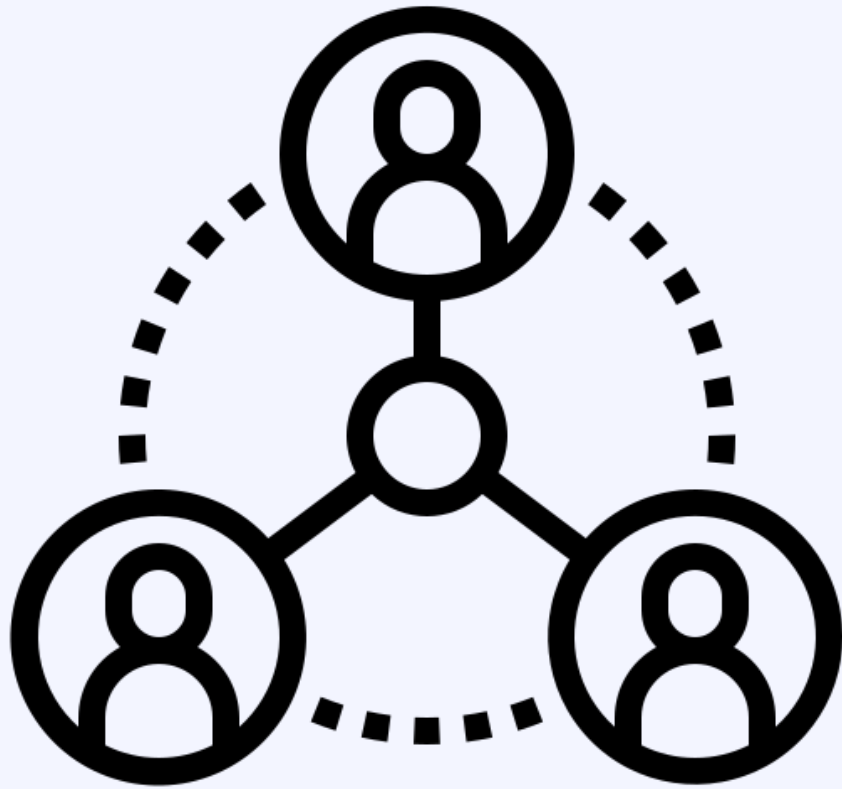
Connectivity

How well does it connect each place interactively as a Hub?

Functionality

How well does it serve the purpose of each place?

UI/UX Design

Is it constructed with user-friendly environment in terms of design?
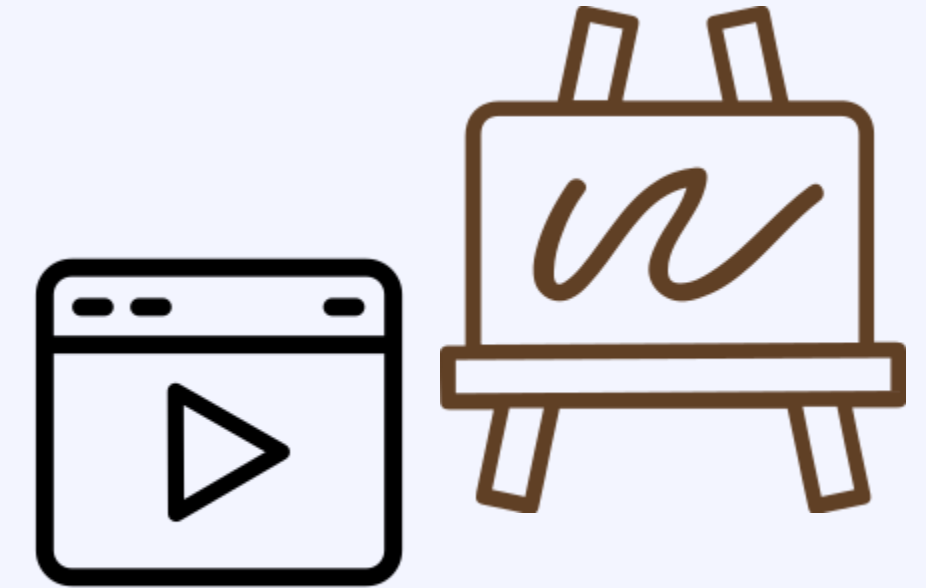
Benefit

Effect

Socializing

It can be a social network service for skku members ownseleves which is more active and more realistic than any other communities.

Improve learning environment

The proximity of the classroom and the library will increase the study efficiency.
Also, active Q&A time about lec tures and assignments are guar anteed by our service.

Enjoy the cultural life

Members can enjoy their curtural life through visiting Metaverse DVD rooms, senior project exhibition and club exhibition such as drawing or photograph.

Expandability

Versatility

The hub can be extended and used not only in schools, but also in other organizations and companies.

Exchange between other college

It can also be used for exchange students or domestic university credit exchange programs.

Developing mentoring system

It can also be used for mentoring or volunteer work conducted by college students for middle and high school students.

Thank you