



# SKKU METAVERSE LIBRARY

TEAM 11

2021 FALL SEMESTER

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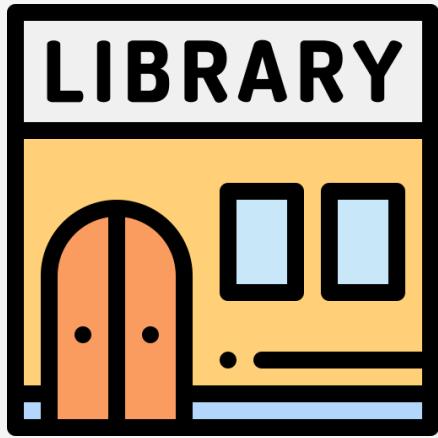
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# Overview

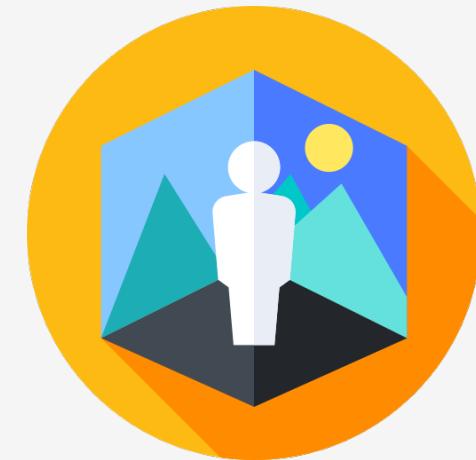
## Background



Restrictions on multi-use facilities due to the COVID-19 outbreak.



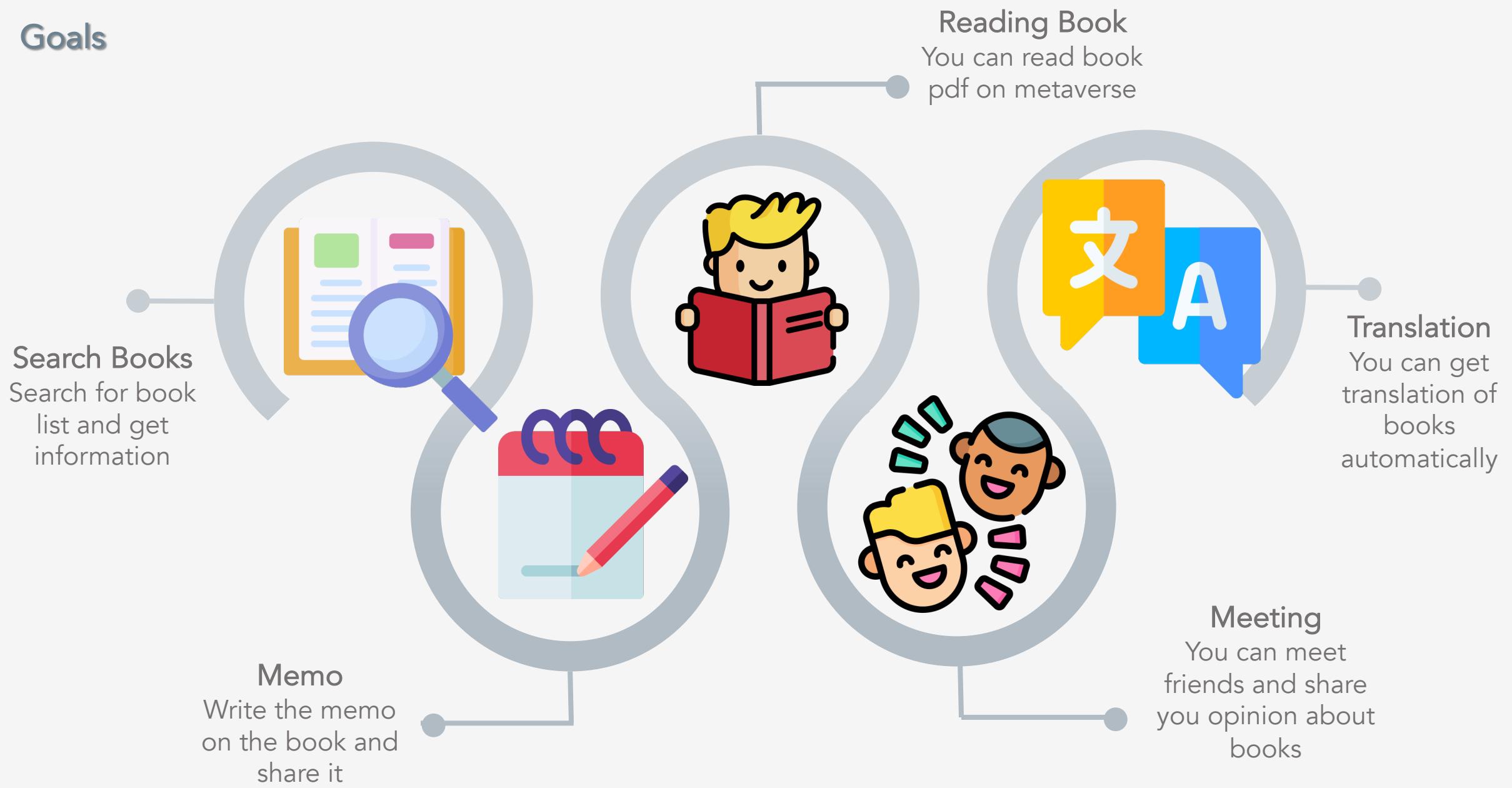
Insufficient e-book services and desire to fully enjoy insufficient e-book services.



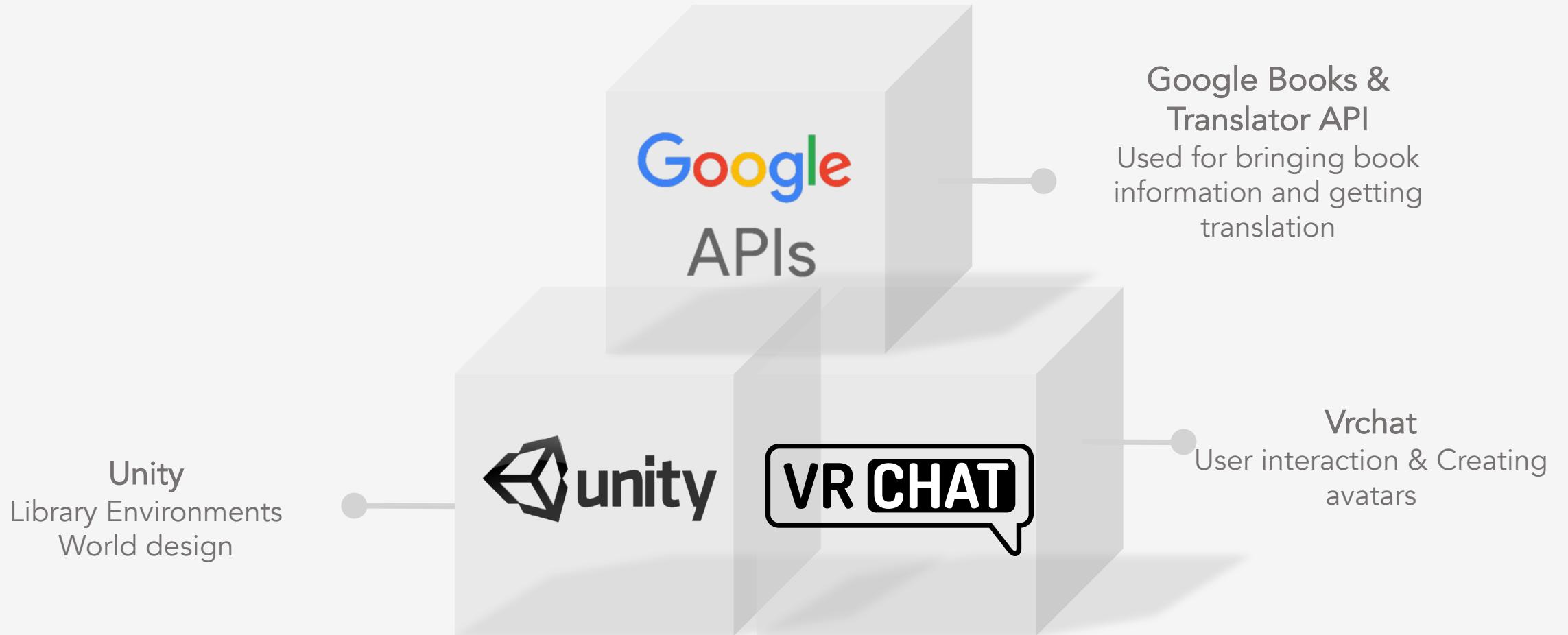
Services that were difficult to use in real life can be experienced in a virtual space, METAVERSE.

## Goal & Method

## Goals

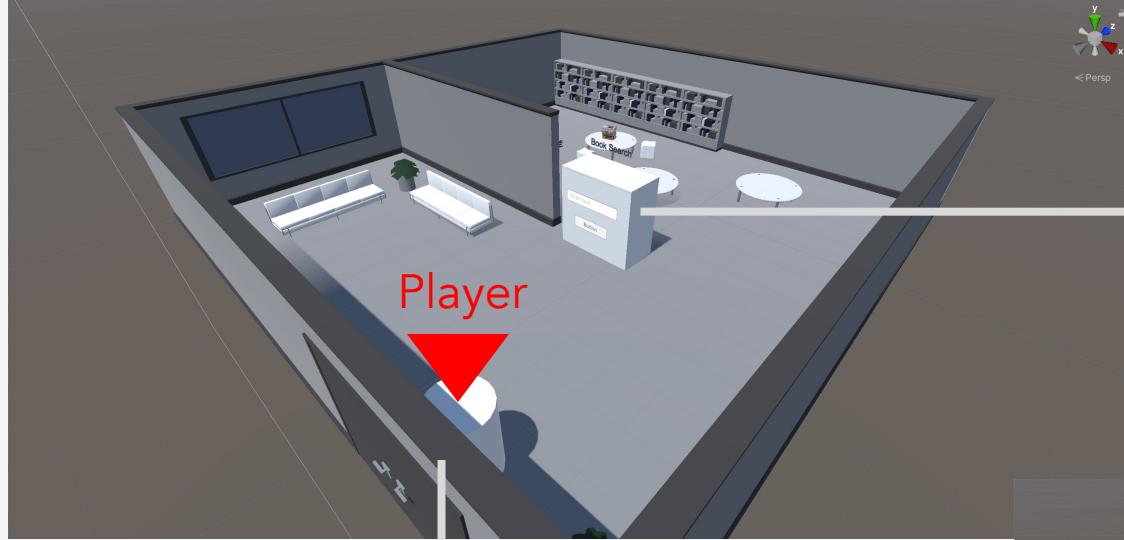


## Methods



# Implementation

# Library Space



Player

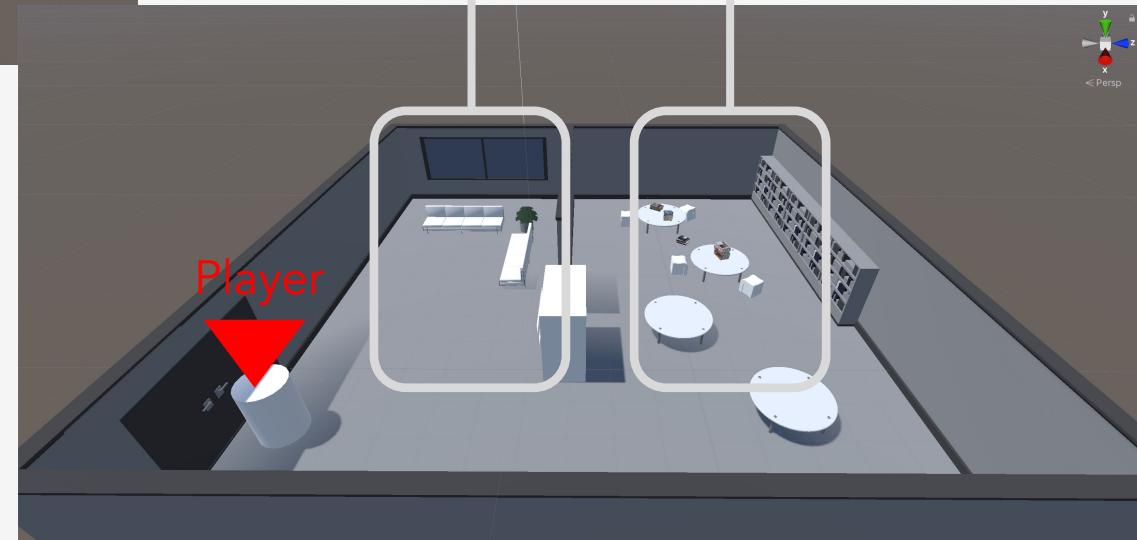
- Player can move around the library space using direction key
- The camera follows player and can rotate eyesight by mouse

Book Search Box

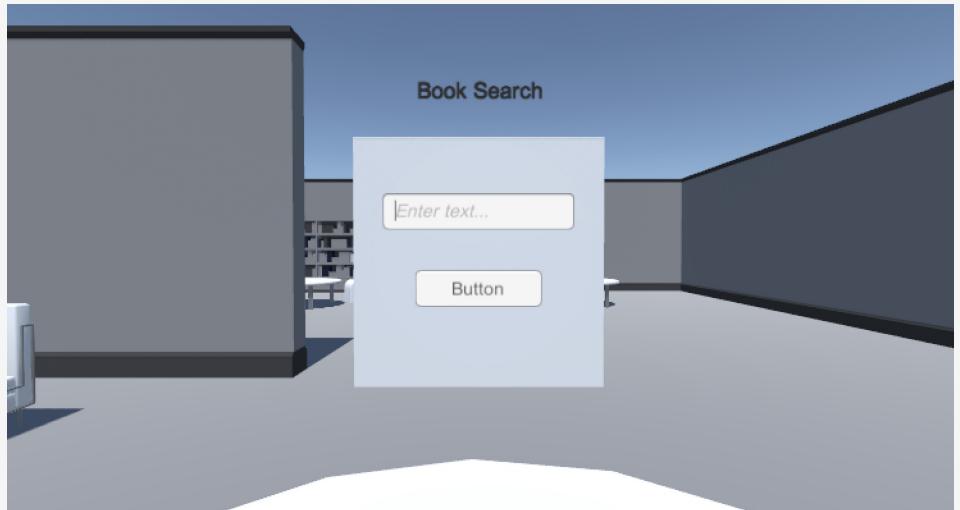


Meeting Zone

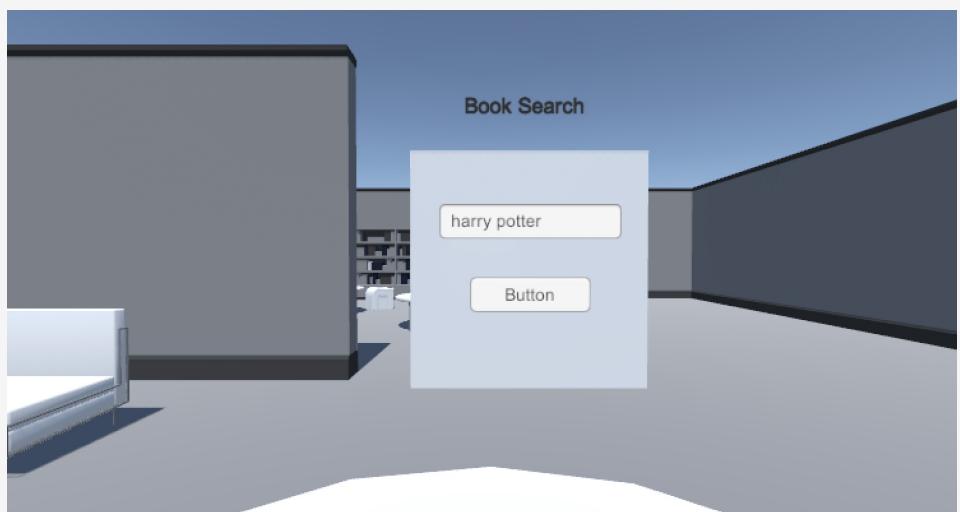
Reading Book Zone



## Search Books



Enter the book title



Click the button



You can go to the page that shows a preview of the book that matches

Google

도서

신비한 동물 사전(해리포터 스쿨북 2)

인쇄판 구매하기

사용 가능한 eBook 없음

뉴트스케린  
문학수첩리틀북스, 2001. 7. 2. - 110페이지  
★★★★★  
0 서평

다른 사람들의 의견 - 서평 쓰기

서평을 찾을 수 없습니다.

관련 도서

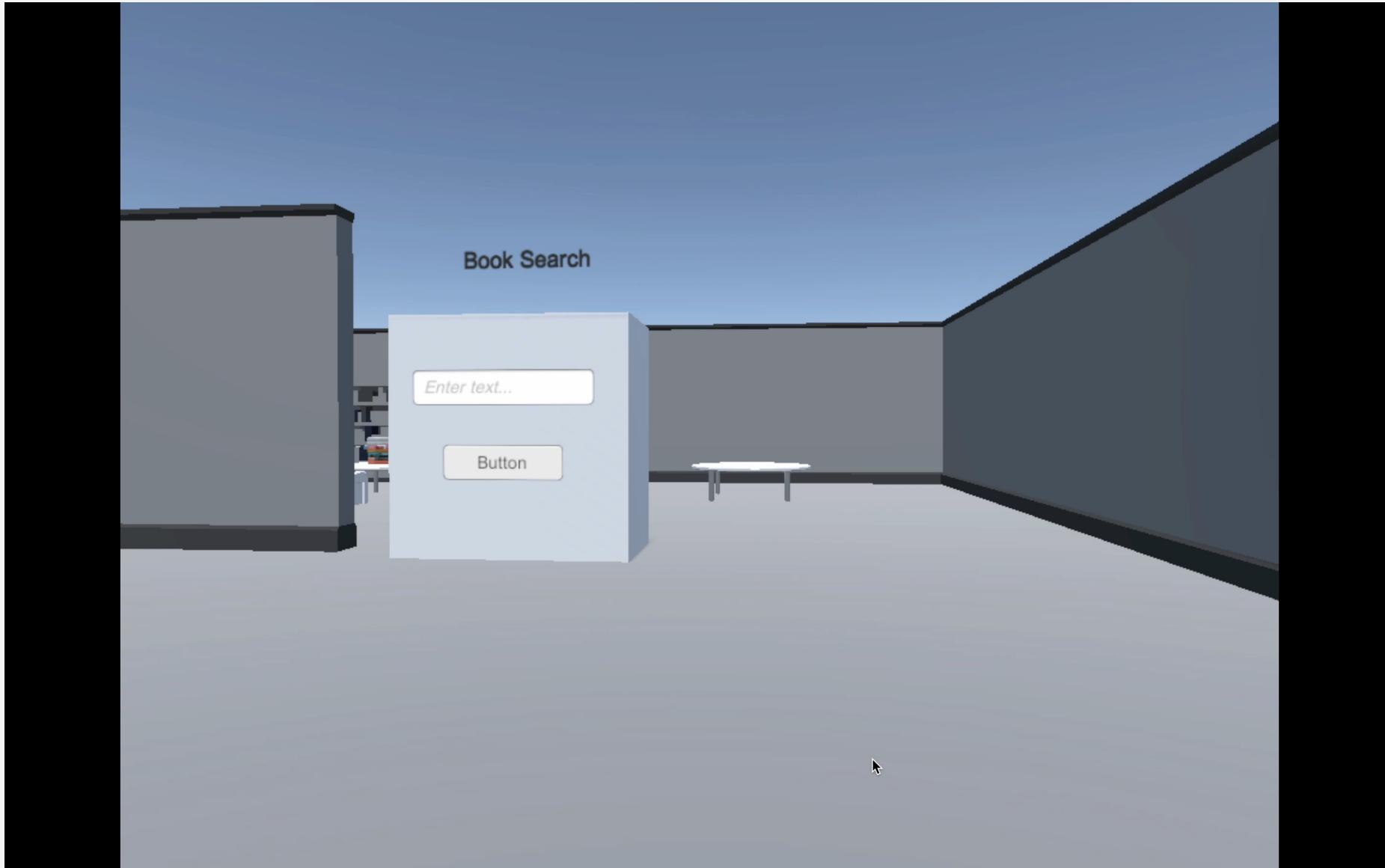
Google Play에서 도서 쇼핑

세계 최대 eBook 상점을 둘러보고 웹, 태블릿, 휴대 전화, eReader에서 독서를 시작해 보세요.

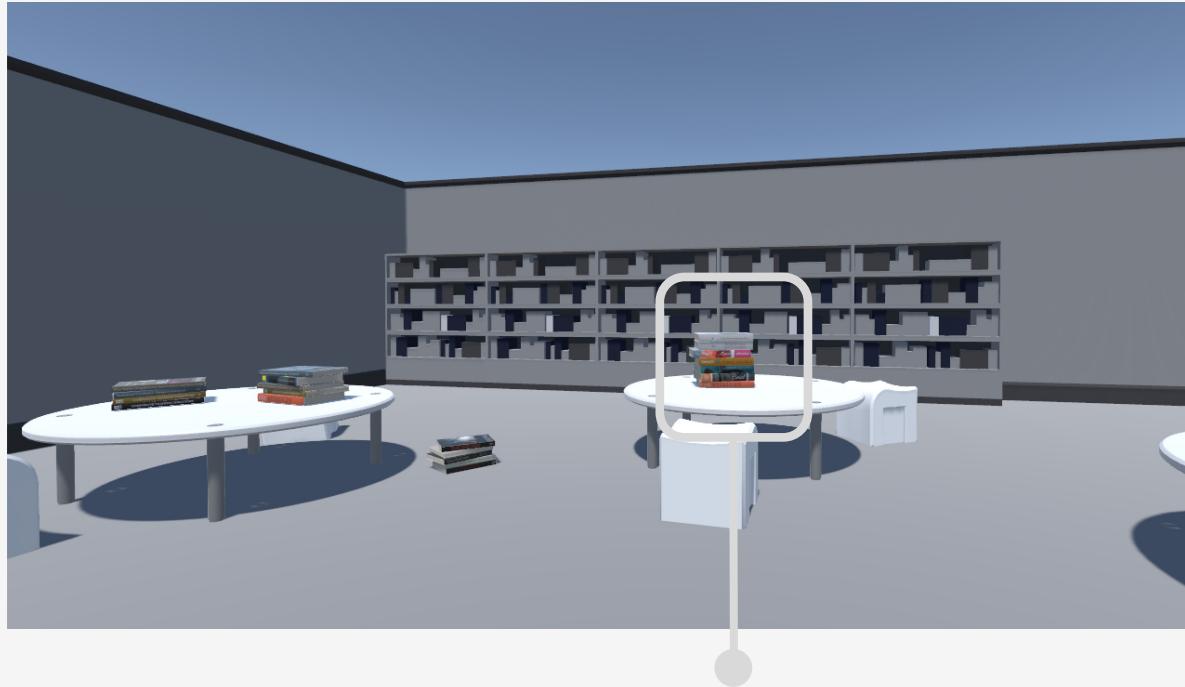
지금 Google Play로 이동 »

▶ 내 라이브러리  
▶ 내 기록

## Search Books



# Read Books



Click book object  
You can go to book scene page

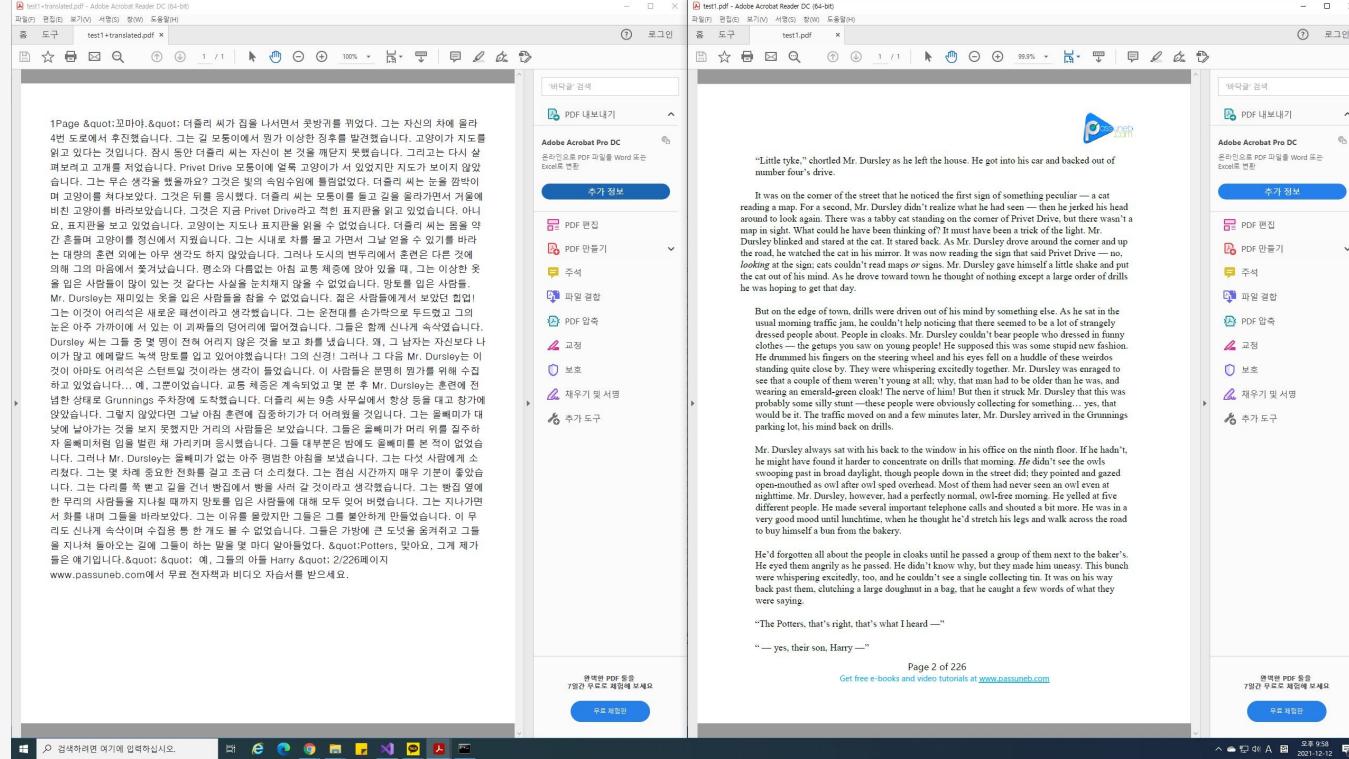
Since pdf view is paid service, we changed our plan

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# Read Books

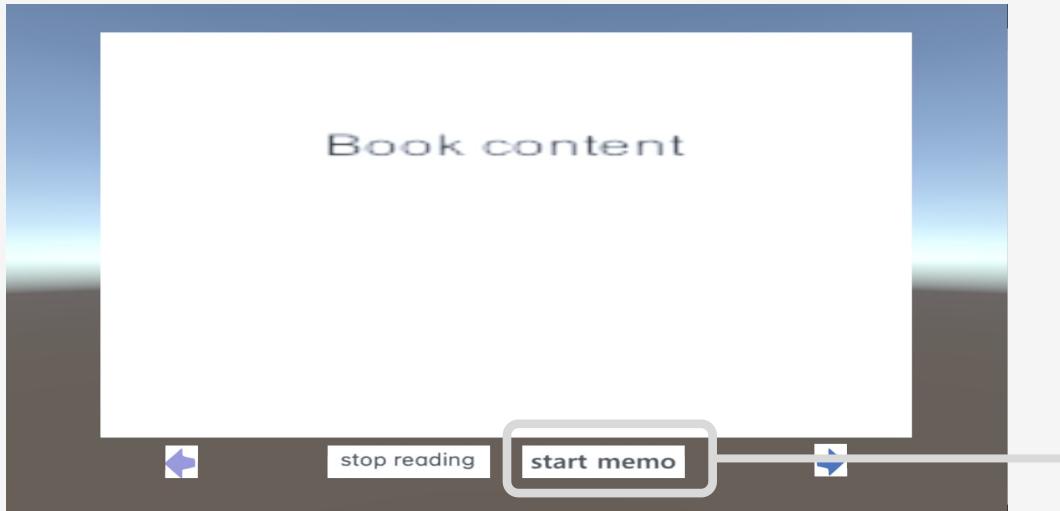


# Book Translation



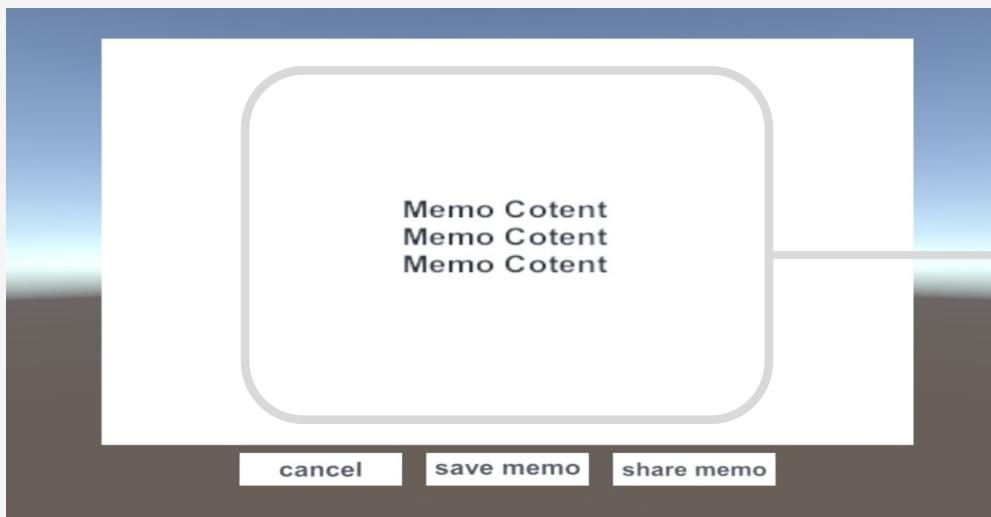
First we made PDF to PDF  
translation in c# programming

# Memo



## [Start Memo] button

If you click the memo button, the memo scene shows up.

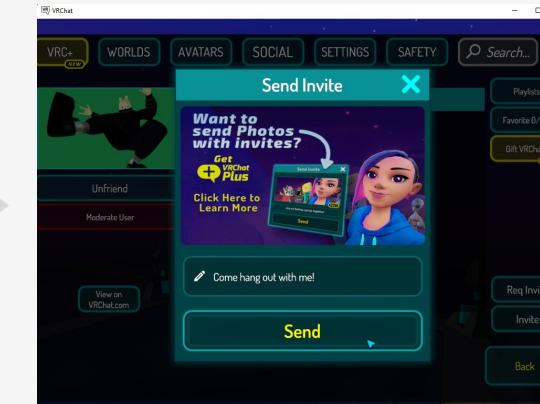
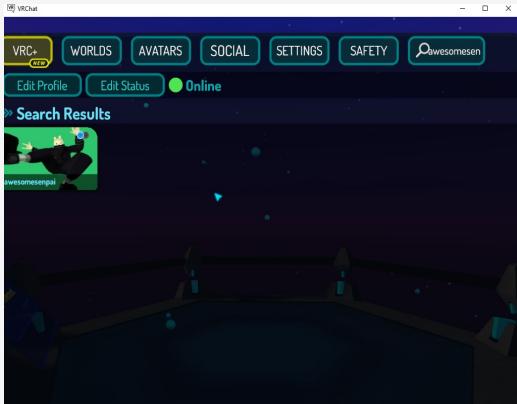
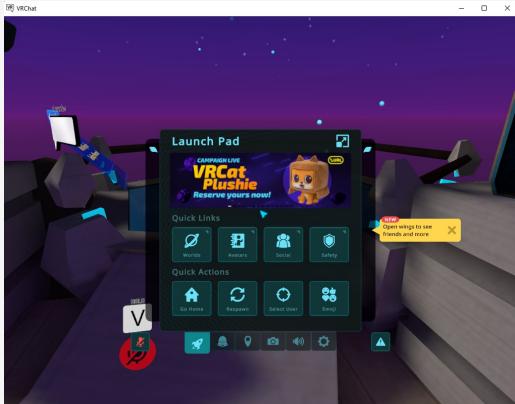


## Memo

If you insert some comments or memo and save it, the data will be stored in local storage

# Meeting Friends

Use the internal function in VrChat



# System Complementary

## System Complementary



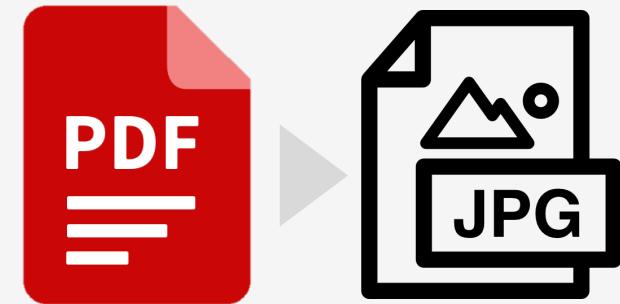
### Showing overall book pdf

If we have Pdf renderer and full version Book API, we would be able to get a full text of the selected book



### Profile and Registration

Have trouble with connecting the database and vrchat/unity



### PDF to JPG

Cannot change PDF to JPG in unity

Thank you!