

## [온라인수업 저작권 유의사항 안내]

학습자가 강의 저작물을 다운로드·캡처 받아  
외부로 유출하는 행위는 저작권자의 이용허락 없이  
저작물을 복제·공중송신 또는 배포하는 것으로 저작권 침해 행위에 해당

- 동영상과 수업자료 일체는 교강사 및 학교의 저작물로서 저작권으로 보호됨
- 수업자료 무단 복제 또는 배포, 전송하는 행위는 민·형사상 책임을 질수 있음
- 관련근거: 저작권법 제 136조 및 제123조, 제125조

① 다음 각 호의 어느 하나에 해당하는 자는 5년 이하의 징역 또는 5천만원 이하의 벌금에 처하거나 이를 병과할 수 있다.

1. 저작재산권, 그 밖에 이법에 따라 보호되는 재산적 권리를 복제, 공연, 공중송신, 전시, 배포, 대여, 2차적 저작물 작성의 방법으로 침해한 자

캉고ID LOGIN &gt;



정보광장(ASIS)



정보광장(GLS)



콘텐츠관리시스템(CMS)



강의공간안내도



Q&amp;A



의견제안(오류신고)



# I-Campus lecture Sub System

Team 4

## 공지사항 - Notice



공지	[Important][Webex] Webex PC certificate update / P...	2021.03.24
공지	[Important] Notice & Guidelines for Taking online Ex...	2021.03.24
공지	[Important] Notice & Guidelines for Taking online Ex...	2021.03.24
공지	[중요] 학습자용 온라인 시험 응시 매뉴얼 및 안내 영상	2021.03.24
공지	[중요] 교수자용 온라인시험 출제/감독 매뉴얼 및 활용 안내...	2021.03.24

## 이용안내 - How to Use



공통	User Manual - Webex Guide	2021.03.29
공통	User Manual - i-Campus Guide	2021.02.16
교수자	교수자 매뉴얼 - 웹엑스(Webex) 상세 기능 안내	2020.11.10
교수자	교수자 매뉴얼 - 아이캠퍼스 상세 기능 안내	2020.11.10
공통	[中国专用] 中国学生连接i-Campus程序安装指南	2020.09.01

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## 001 Overview

- Background
- Market Status



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- Method



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- Team
- Planning Strategy



## 004 Benefits

# Part 1.

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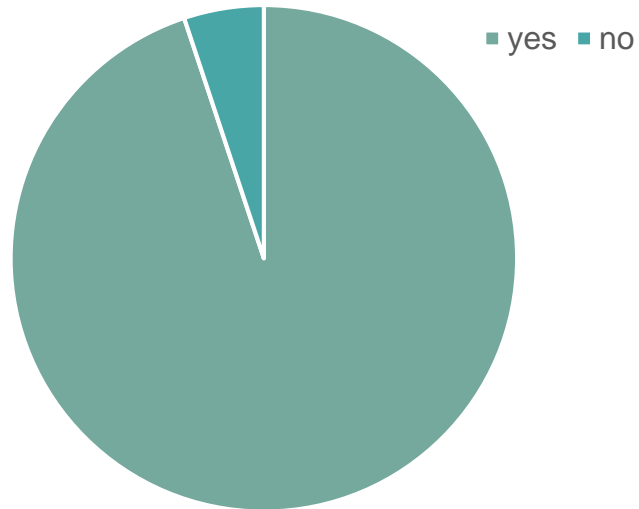
## Overview



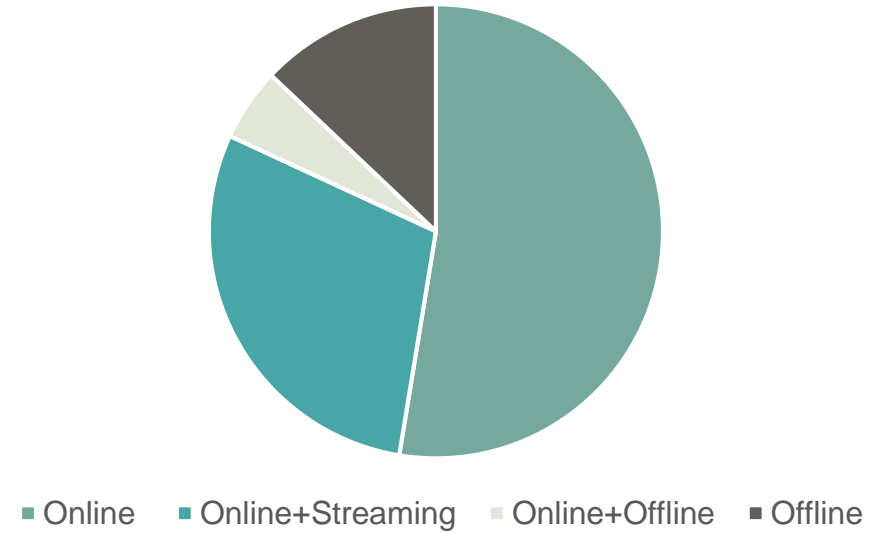
# 1 Background

About I-Campus use

Have you ever used new I-Campus?



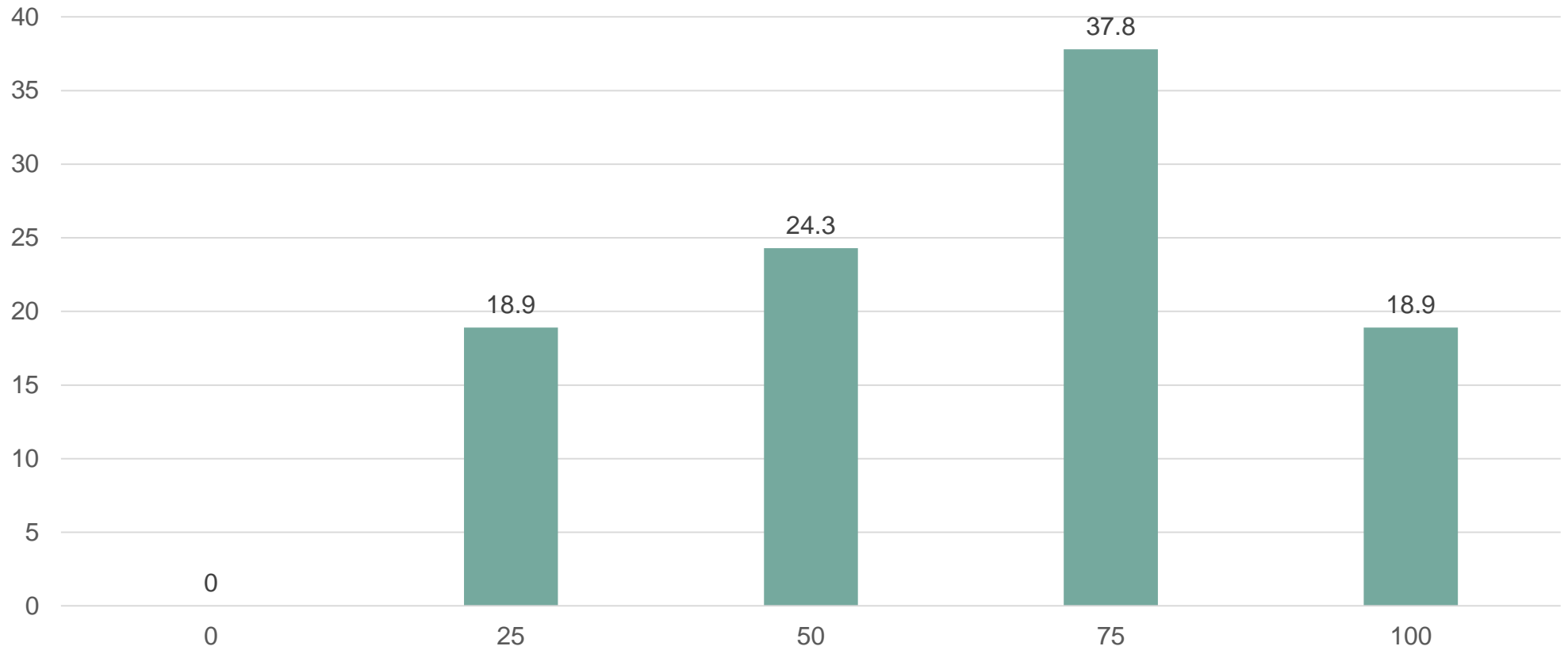
How are your classes conducted?



Most students have used the new i-Campus,  
and many lectures are being conducted Online

# 1 Background

Satisfaction with new I-Campus

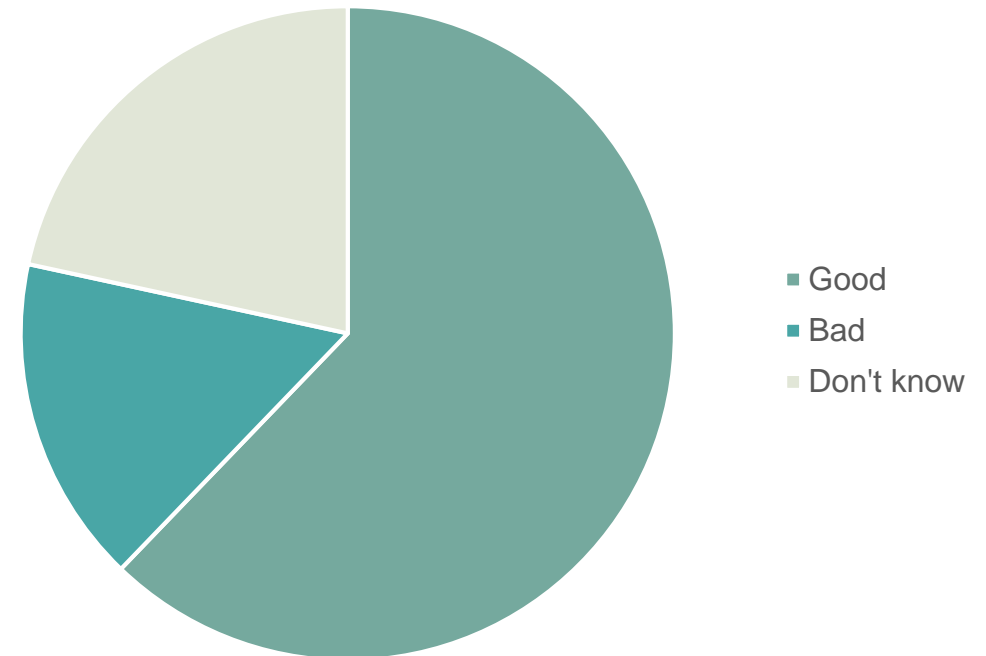


➡ Average satisfaction rating of 64.125

# 1 Background

Preference about adding new functions (Bookmark & Notepad)

With the exception of 21.6 percent of people who chose "I don't know,"  
About **80%** of survey participants responded positively  
to the idea of adding a notebook and bookmarking feature.



# 1 Background

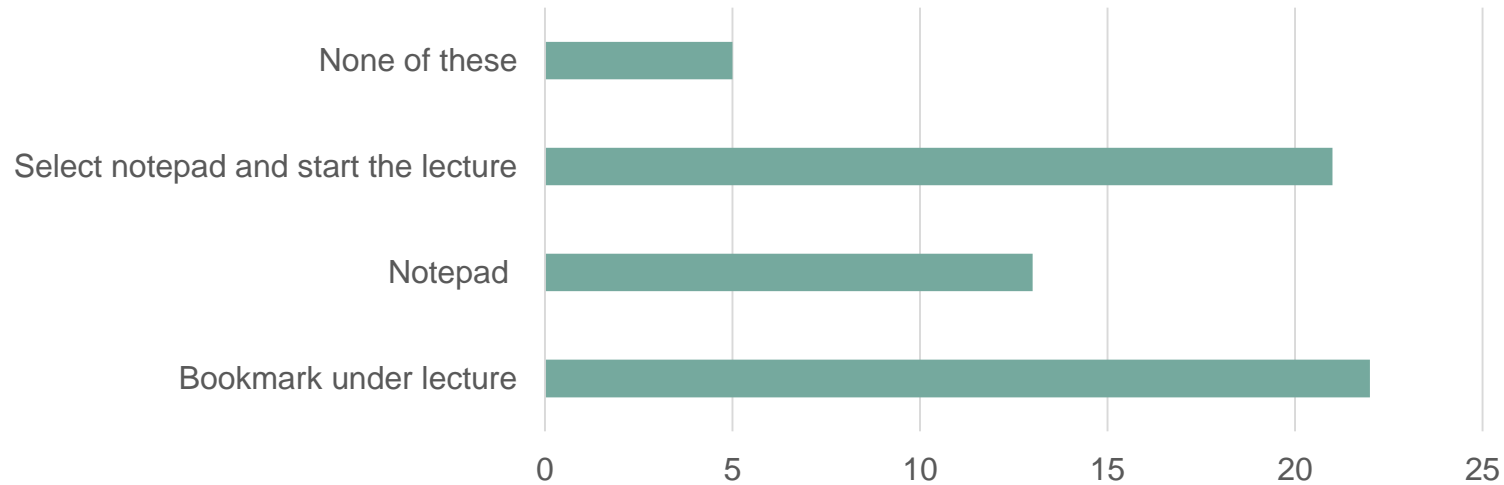
Another function to add

1. Capture the ppt screen during the professor's lecture and convert it into a textbook.  
(If you press a specific button in the middle of the lecture,  
the screens are made of pages in the pdf.)
2. In addition to letting students bookmark videos, the professor can also bookmark  
sections to highlight important information for students.

➡ Add another bookmark for professor

# 1 Background

Opinions about new functions



- I can't remember what they said/where they said it
- I think it'll be easy to find and listen to the parts I need.
- I don't want to pull up a seperate window
- I want to be able to do all of my work in one place
- It's hard to keep going back and forth.



## 2 User Status

Who is user

Our target demographic is **students** using I-Campus.

Many classes are being held on i-Campus, and students seem to want this feature.  
It can also be helpful to freshman, graduates, outsider.

<p>상시 접수</p> <p><b>미적분학1</b></p> <p>미적분학1   2021.01.21 ~ 2021.02.19   예비교 교수</p> <p><b>예비신입생과정</b></p> <p><b>[예비신입생과정]미적분학1</b></p> <p>예비신입생 과정</p> <p>종료 2021.01.21 ~ 2021.02.19</p> <p>16주차 신청현황 <b>205명</b> / 무제한</p>	<p>상시 접수</p> <p><b>글로벌경제사</b></p> <p>글로벌경제사   2021.01.21 ~ 2021.02.19   송병진 교수</p> <p><b>예비신입생과정</b></p> <p><b>[예비신입생과정] 글로벌경제사, 세계화와 세</b></p> <p>예비신입생 과정</p> <p>종료 2021.01.21 ~ 2021.02.19</p> <p>16주차 신청현황 <b>124명</b> / 무제한</p>	<p>상시 접수</p> <p><b>2021 상반기 공채 서류전형 대비 온라인 취업특강</b></p> <p>2021 상반기 공채 서류전형 대비 온라인 취업특강</p> <p>비정규강좌</p> <p>2021 상반기 공채 서류전형 대비 온라인 취업특강</p> <p>학생인재개발팀(취업, 고시)</p> <p>종료 2021.02.22 ~ 2021.02.28</p> <p>16주차 신청현황 <b>407명</b> / 무제한</p>	<p>상시 접수</p> <p><b>2020 겨울방학 취업특강(자과캠)</b></p> <p>2020 겨울방학 취업특강(자과캠)</p> <p>비정규강좌</p> <p>2020 겨울방학 취업특강(자과캠)</p> <p>학생인재개발팀(취업, 고시)</p> <p>종료 2020.12.21 ~ 2021.01.03</p> <p>16주차 신청현황 <b>434명</b> / 무제한</p>	<p>상시 접수</p> <p><b>'20 LG전자 제조 AI리더과정 2차</b></p> <p>'20 LG전자 제조 AI리더과정 2차</p> <p>인재교육원</p> <p>이수중 제공</p> <p>SKKUx 과정 지능정보융합원</p> <p>종료 2020.09.02 ~ 2020.11.16</p> <p>8주차 신청현황 <b>30명</b> / 무제한</p>	<p>상시 접수</p> <p><b>'20 LG전자 제조 AI리더과정 1차</b></p> <p>'20 LG전자 제조 AI리더과정 1차</p> <p>인재교육원</p> <p>이수중 제공</p> <p>SKKUx 과정 지능정보융합원</p> <p>종료 2020.03.18 ~ 2020.06.20</p> <p>8주차 신청현황 <b>24명</b> / 무제한</p>
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# Part 2.

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## Goals & Methods



# 1 Goals

## Bookmark

Chapter5 Requirement Engineering-part1

출석 마감일 4월 4일 오후 11:59 | 자각 마감일 - | 열람 기간 3월 29일 오전 00:01 ~ - | 재생 시간 21분 33초

출석 인정 기간입니다.

Chapter5 Requirement Engineering-part1

### Requirements imprecision

- Problems arise when requirements are not precisely stated.
- Ambiguous requirements may be interpreted in different ways by developers and users.
- Consider the term 'search' in (Req 1)
  - **User intention** – search for a patient name across all appointments in all clinics;
  - **Developer interpretation** – search for a patient name in an individual clinic. User chooses clinic then search.

12:15 / 21:33

Chapter5. Requirement Engineering-part 1

Bookmark

1	5:58	MEMO
Write somethind...		
2	12:15	MEMO

Users can create bookmarks

They can see and revise contents.

# 1 Goals

Notepad function

Chapter5 Requirement Engineering-part1

출석 마감일 4월 4일 오후 11:59 | 시작 마감일 - | 열람 기간 3월 29일 오전 00:01 ~ - | 재생 시간 21분 33초

출석 인정 기간입니다.

Chapter5 Requirement Engineering-part1

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Chapter5. Requirement Engineering-part 1

Bookmark ▾

1	5:58	MEMO
Write somethind...		
2	12:15	MEMO

Users can label their bookmarks

# 1 Goals

Professor bookmark function

Chapter5 Requirement Engineering-part1

출석 마감일 4월 4일 오후 11:59 | 자각 마감일 - | 열람 기간 3월 29일 오전 00:01 ~ - | 재생 시간 21분 33초

출석 인정 기간입니다.

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Chapter5. Requirement Engineering-part 1

Bookmark

Pf. Chapter5. Requirement Engineering-part 1

Bookmark

1	3:32
2	18:58

Students are able to see the Professor's bookmarks

## 2 Methods

About I-campus

I-Campus is implemented by customizing an open source-based infrastructure called **canvas-lms**.

The screenshot shows the GitHub repository page for `instructure/canvas-lms`. At the top, the repository name is displayed with icons for watching (312), starring (3.9k), and forking (1.7k). Below this is a navigation bar with links to Code, Issues (259), Pull requests (18), Actions, Projects, Wiki, Security, and Insights. The main content area shows the `master` branch selected, with 4 branches and 4,527 tags. A list of recent commits is shown, including one by `cvkline` updating InstUI import sources. On the right, the 'About' section describes it as 'The open LMS by Instructure, Inc.' and provides a link to the repository. Below that are links to the README and license. The 'Releases' section shows 4,527 tags.

instructure / **canvas-lms**

Watch 312 Star 3.9k Fork 1.7k

<> Code ! Issues 259 🔗 Pull requests 18 ▶ Actions 📁 Projects 📖 Wiki 🛡 Security 📈 Insights

🔗 master 4 branches 4,527 tags Go to file Add file ↕ Code

cvkline Update InstUI import sources in speed\_grader ... 4800b96 1 hour ago 🕒 43,899 commits

📁 .github	update github pr auto-assignees	6 months ago
📁 .storybook	Add lolcalize toggle to storybook	2 months ago
📁 Gemfile.d	bump rake	yesterday
📁 app	implement mutation delete discussion entry	13 hours ago
📁 bin	add frozen_string_literal comment to binaries	2 days ago
📁 build	add frozen_string_literal comment to binaries	2 days ago
📁 config	improve assignment action buttons for MO	16 hours ago

**About**

The open LMS by Instructure, Inc.

[github.com/instructure/canvas-lms/...](https://github.com/instructure/canvas-lms/)

instructure canvas-lms

📖 Readme

📄 View license

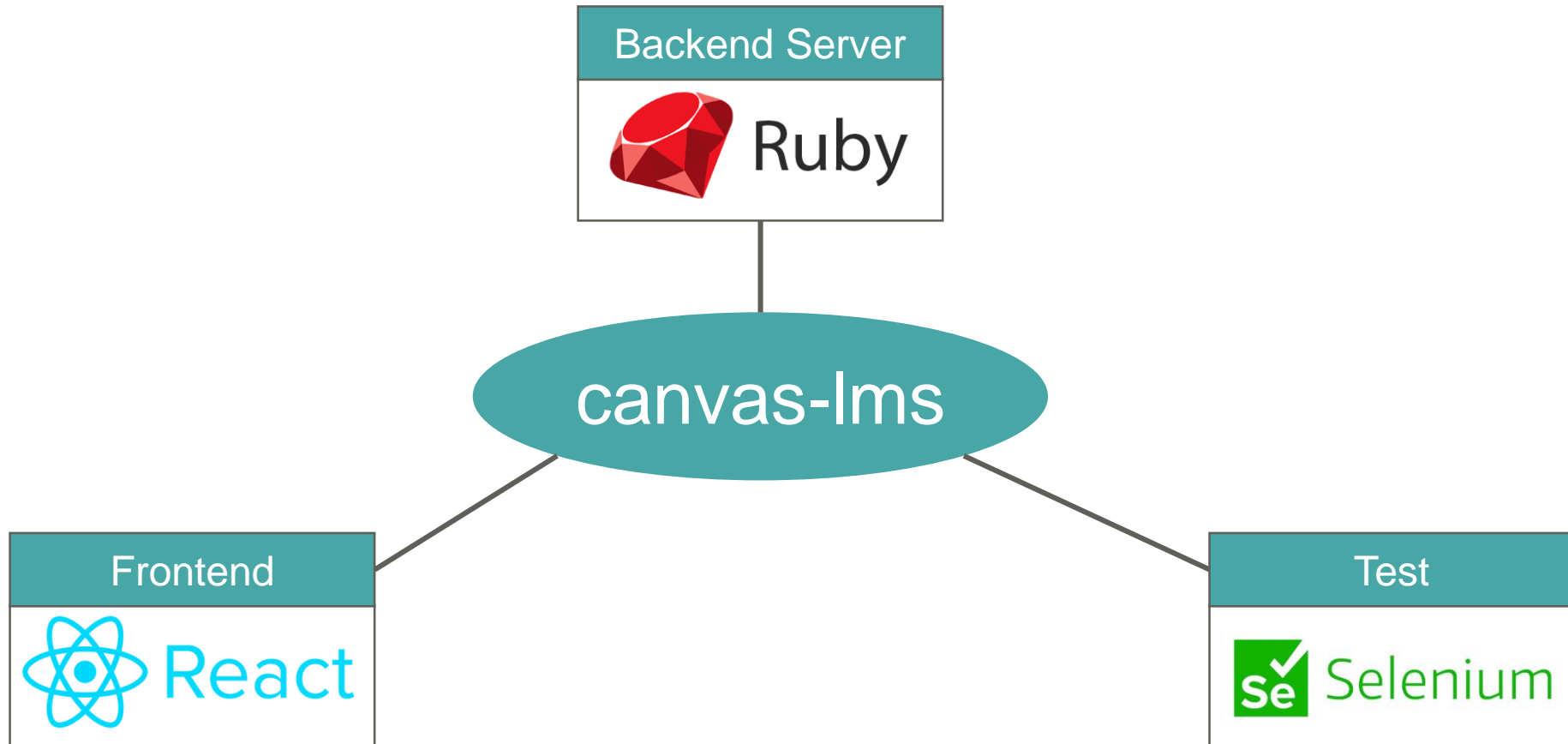
**Releases**

🏷 4,527 tags

<https://github.com/instructure/canvas-lms>

## 2 Methods

About I-campus



## 2 Methods

Implementation process

- ➡ Write about API Logic
- ➡ Write about UI/UX flow
- ➡ Write about Backend Logic
- ➡ Implement frontend view
- ➡ Implementation DB
- ➡ Begin unit testing



# Part 3.

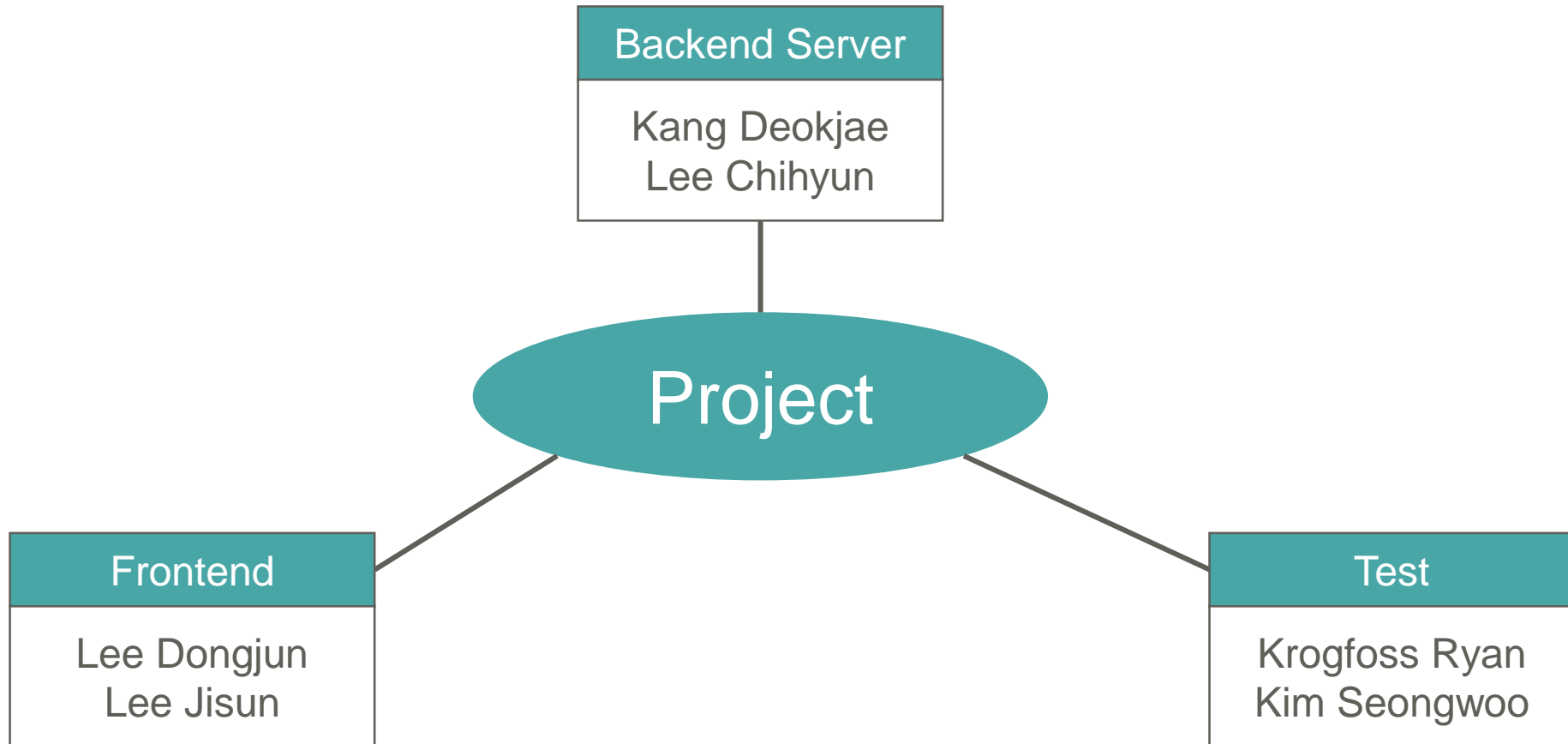
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## Team & Strategy



# 1 Team

About I-campus



# 2 Strategy

Schedule

#	Contents	Timeline											
		3/14	3/21	3/28	4/4	4/11	4/18	4/25	5/2	5/9	5/16	5/23	5/30
1	Subject Select												
2	Application proposal												
3	Requirements specification												
4	Design specification												
5	Test specification												

# 2 Strategy

Development Schedule

#	Contents	Timeline										
		5/30	6/6	6/13	6/20	6/27	7/4	7/11	7/18	7/25	8/1	8/8
6	Backend Server	Architecture										
		Define Class										
7	Frontend	Design										
		Connection										
8	Code review											
9	Testing											

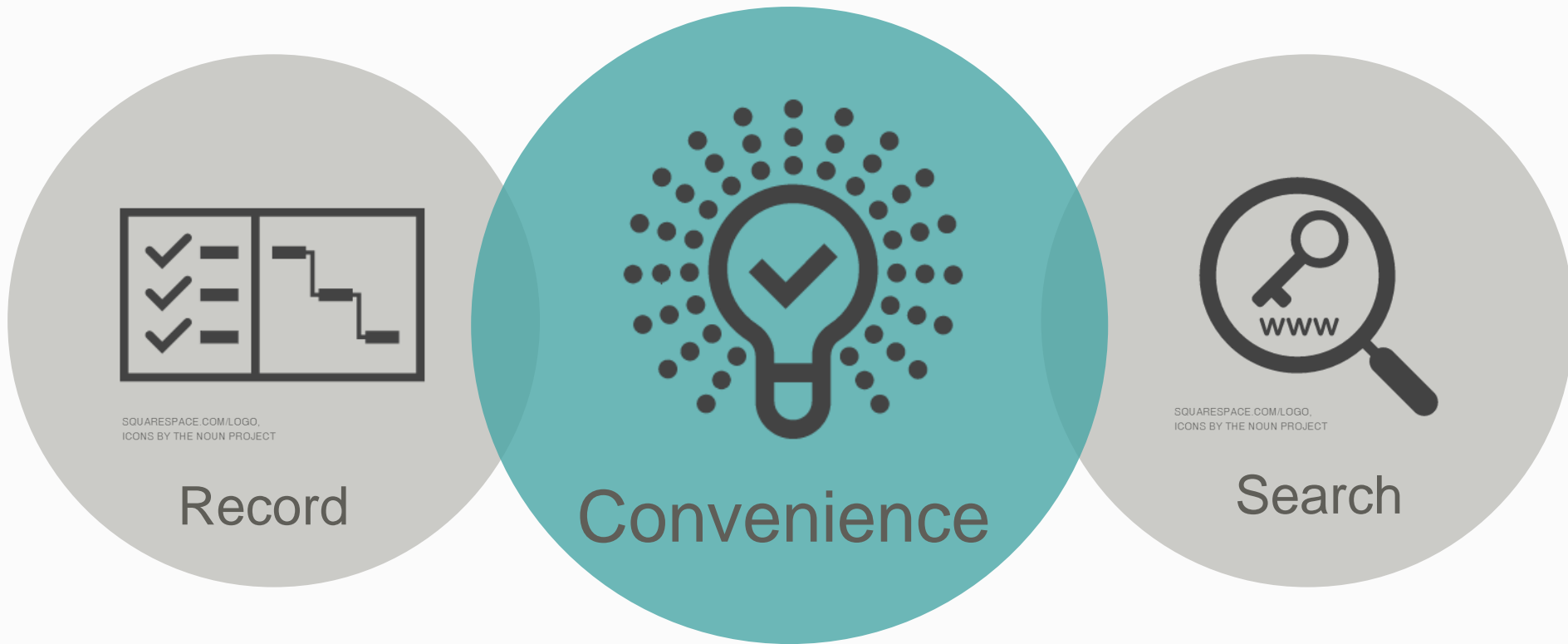
# Part 4.

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## Benefits



# 1 Benfits



# Thank you

Team 4