

HCI KOREA 2014

SMART LEARNING with CHUNGDAHM 3.0

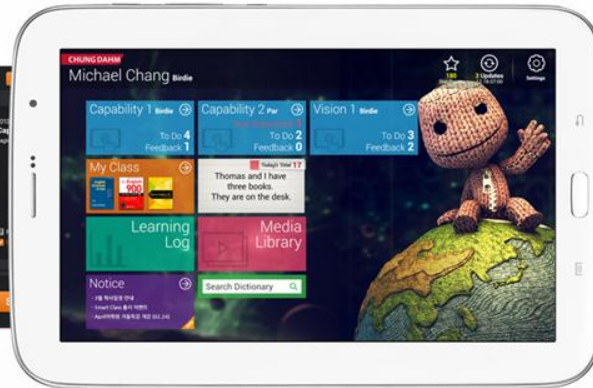
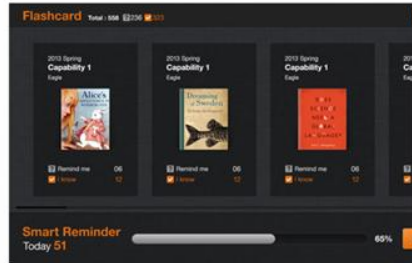
PRACTICALSKETCH

Presented on 13th, February, 2014

Chungdam Learning System UX

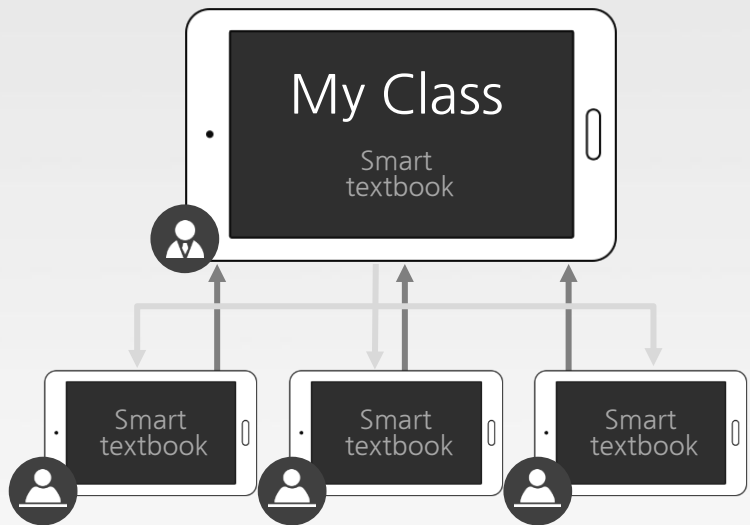
CSLP (Chungdahm Smart Learning Platform)

CHUNG DAHM

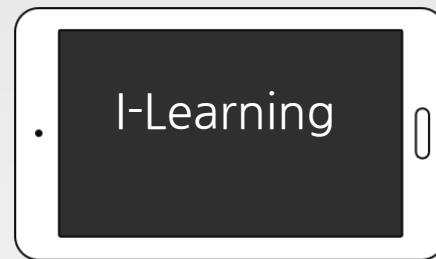


CSLP Structure

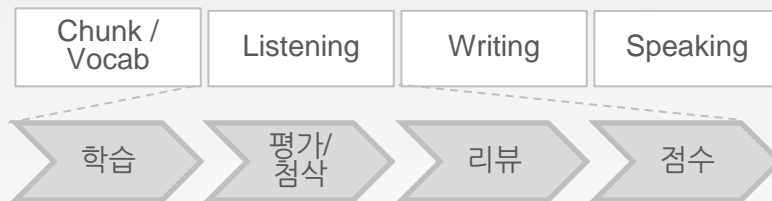
Smart Class



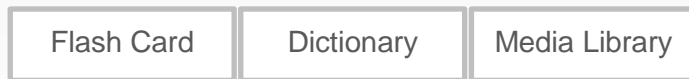
Independent Learning



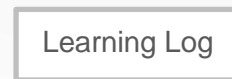
Learning App



Learning Utility



LMS



Smart Class

Smart Class

What is Smart Learning?



학습동기부여

Learning Motivation

Smart Class

Teaching Model in Classroom

상호학습

맞춤 수업

지연시간

표정과
분위기

발표

표정과 분위기

발표

시험

시험

?

학생수



Smart Class

New Teaching Model in Classroom

상호학습

맞춤 수업

표정과
분위기

발표

시험

참여
공유

The screenshot shows a news article from NBC News. The headline is "Interactive 'clickers' changing classrooms" with a sub-headline "Teachers get instant feedback from clicker-wielding students". The article text describes how Professor Ross Cheit uses handheld wireless devices called "clickers" in his "Ethics and Public Policy" class at Brown University. A bar graph on the projector screen shows that 64% of students said yes to reporting cheating, while 35% said no. The article also mentions that these devices are being used on hundreds of college campuses and even in grade schools.

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Interactive 'clickers' changing classrooms

Teachers get instant feedback from clicker-wielding students

Next story in Education
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AP Associated Press
updated 5/17/2008 1:07:54 AM ET Print Font: A + -

PROVIDENCE, R.I. — Professor Ross Cheit put it to the students in his "Ethics and Public Policy" class at Brown University: Are you morally obliged to report cheating if you know about it? The room began to hum, but no one so much as raised a hand.

Still, within 90 seconds, Cheit had roughly 150 student responses displayed on an overhead screen, plotted as a multicolored bar graph — 64 percent said yes, 35 percent, no.

Several times each class, Cheit's students answer his questions using handheld wireless devices that resemble television remote controls.

The devices, which the students call "clickers," are being used on hundreds of college campuses and are even finding their way into grade schools.

They alter classroom dynamics, engaging students in large, impersonal lecture halls with the power of mass

Stew Milne / AP File

Brown University professor Ross Cheit, left, shows the results of a class vote on the projector screen during his ethics in public policy class in Providence, R.I.

Smart Class

CSLP Smart Class Concept

1 Detective shows are popular on television. In those shows, crimes are usually solved neatly. Police detectives raid the criminal's hideout, find the smoking gun, and take down the bad guy. In reality, however, crime solving is tedious work. To solve crimes, police detectives use three main methods: interviews, evidence review, and records investigation.

2 When a crime occurs, police detectives start interviewing people. They hope to find someone who may be helpful in the case. Detectives first try to find out who saw the crime take place. People who are called witnesses. Detectives may also interview

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학습 행동 공유

학생 상태 모니터링으로
효율적 수업

수업 참여를 통한
학습동기유발

스마트텍스트북 기반

강사 중심
수업 컨트롤

수업 진행 지연
최소화

Independent Learning

Independent Learning

Smart Learning Contents Concept

수준별
학습 콘텐츠

학습 계획

기술기반
학습 방법론

Vocabulary Learning Methodology

연상 학습

+

재연

+

반복

+

Technology

자동화된 학습 진행

터치 인터랙션

음성 인식

Issue & Conclusion

2013.08

청담러닝 청담3.0 개강
직영브랜치 13개 지점 1단계 레벨

2013.10

삼성전자브라질연구소와 디지털교재 개발

2013.12

청담3.0 확대개강
직영브랜치 15개 지점 레벨 확대
가맹브랜치 36개 지점 1단계 레벨

2013.12

'제10회 대한민국 신성장 경영대상'
콘텐츠 분야 '산업통상자원부 장관 표창' 수상



2014.02

SK텔레콤 인도네시아 스마트클래스 구축 협력



Conclusion

- ! 스마트클래스를 편리 이상의 학습동기유발을 기대할 수 있다.
- ! CSLP 는 학습 행동의 공유와 참여를 통한 새로운 수업 모델을 기반으로 한다.
- ! 스마트러닝의 정착을 위해서는 교사, 학생, 학부모의 입장에 대한 고려가 필요하다.

Fin.