# Improve **human interaction** of **online creative education**
## by integrating **video gaming** experience

by Vicky Hsu

Graduate Supervisory Committee:
Michelle Fehler
Alfred Sanft
Kyle Larkin
Jackson Boelts

HUMAN INTERACTION

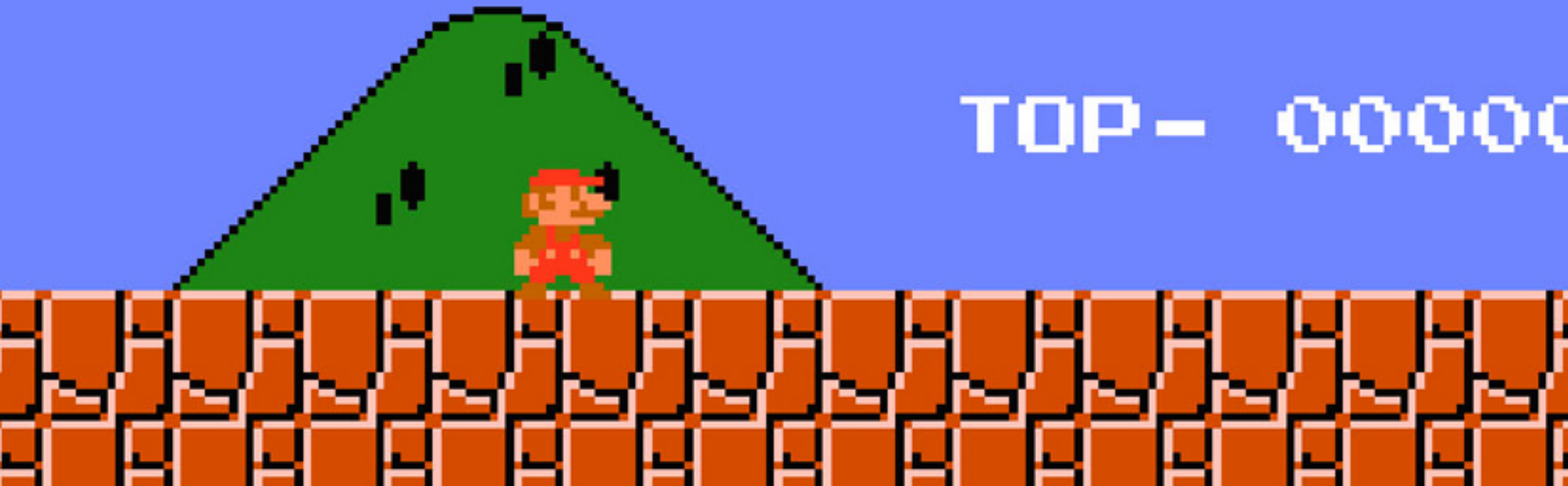video gaming environment

online class platform

new generation
e-learning space

"Distance college education is booming, with no signs of slowing down."   ~Vicky Phillips

"By 2015, 25 million post-secondary students in the United States will be taking classes online."   ~David Nagel

"Only 32 percent of Americans believe that online institutions offer a high-quality education"

"A traditional college education received the strongest vote of confidence from the American public,
    with 29 percent strongly agreeing that brick-and-mortar institutes offer high-quality education. Another 47 percent agreed."

~Rachel Wang

# Traditional vs. Online

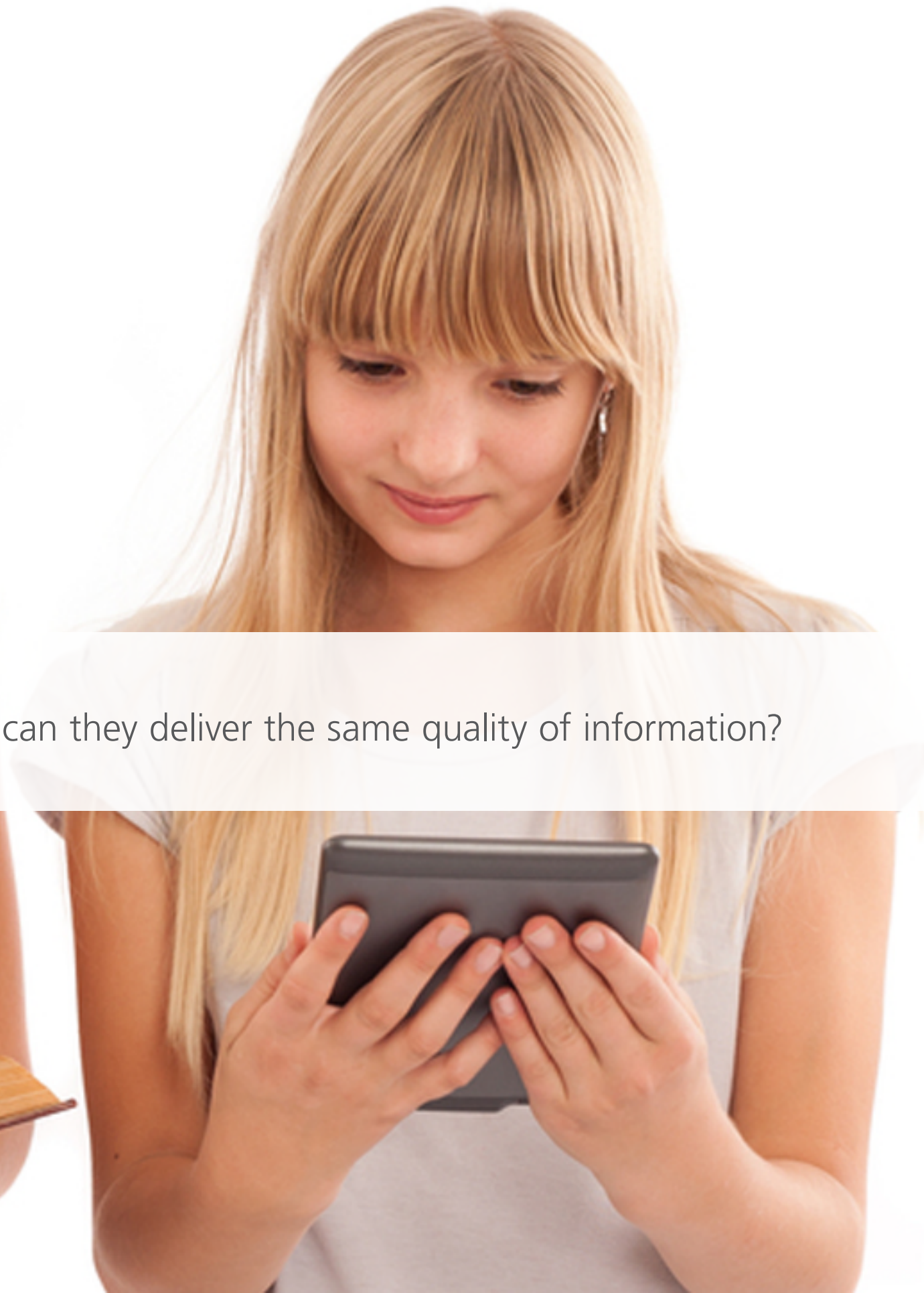| Traditional | Online |
|---|---|
| In person | Online |
| Physical interaction | Limited interaction |
| Present of professor | Where is professor? |
| Studio setting | My location |
| Work with others | ? Collaboration |
| In-class activities | X In-class activities |
| Demonstrations | ? Demonstrations |
| Critique | X Critique |
| | ! Lack of motivation |

**They are different.** The question is: can they deliver the same quality of information?

# Research Questions:

1. What are the potential benefits and problems of online creative education?

2. What functions and features of existing video games and social media can be used to support online creative education?

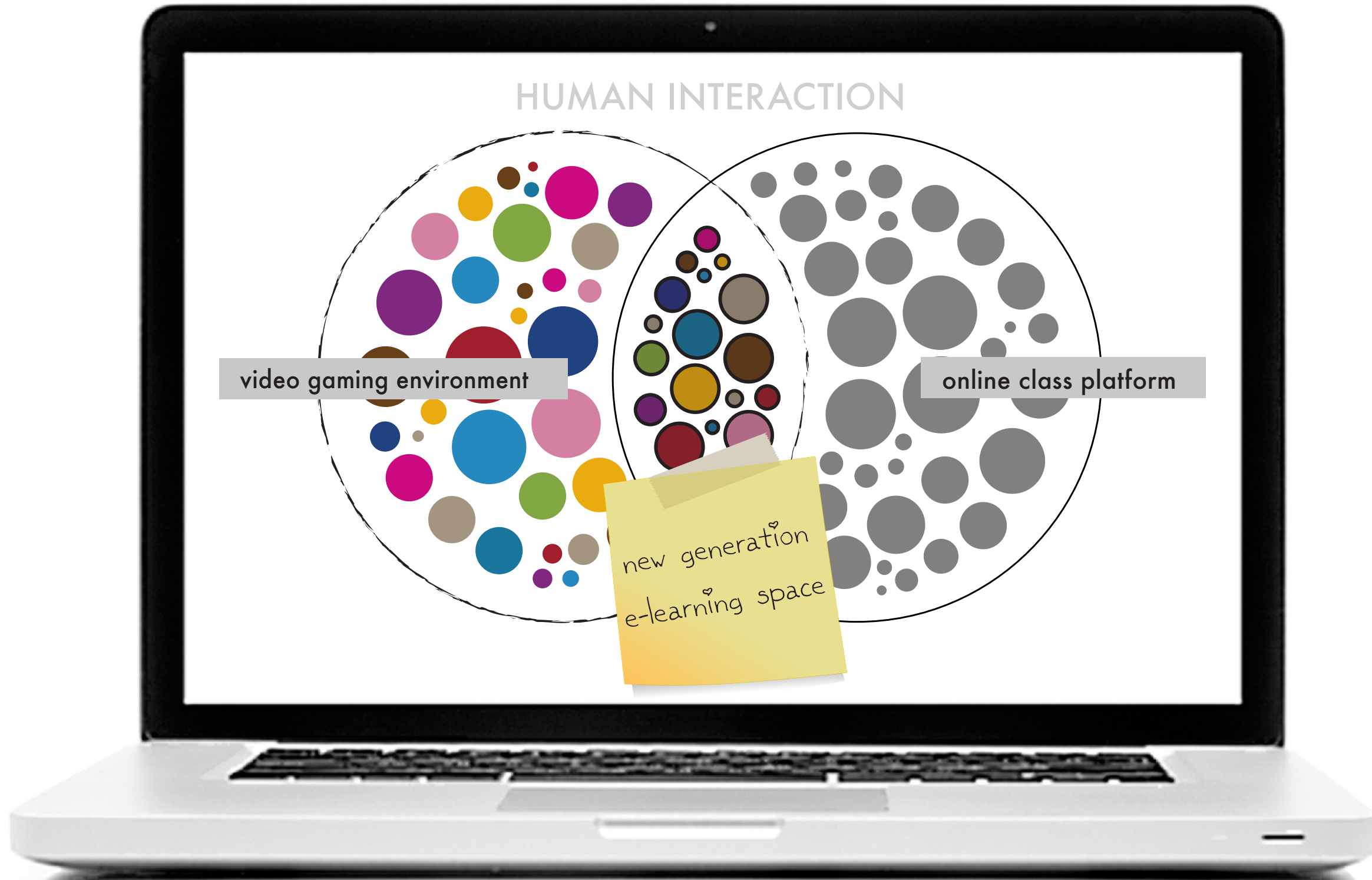3. What do the students expect for the online creative education application?

# Methodology

1. Literature Review

2. Pilot Observation and Analysis

3. Survey

4. First Prototype Markup

5. Group Interview

6. The Final Prototype Markup

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**to discover and narrow down the research roots**

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**to find out pros and cons of students' online class experiences, and opinions of online creative education**

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class experiences, and opinions of online creative education

Build based on the literaturereviews and survey results, for group interview

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**to discover and narrow down the research roots**

**to find out pros and cons of students' online class experiences, and opinions of online creative education**

**Build based on the literaturereviews and survey results, for group interview**

- **Present the first stage of the prototype and see what should be improve**
- **Follow up with interview questions**
- **Allow participants to go back to discuss and suggest ideas**

| | Creative Education | Critique | Online Education | M-Learning | Video Gaming | Social Media | Interaction | Psychology |
|---|---|---|---|---|---|---|---|---|
| 10 ways that mobile learning will revolutionize education (Sergio, 2012) | | | x | x | | | x | x |
| Advantages and Disadvantages of M-Learning (Woodard, 2011) | | | x | x | | | x | |
| Art Students Making Use of Studio Conversations (Edstrom, 2008) | x | x | | | | | x | x |
| Assessing the Core Elements of the Gaming Experience (Calvillo-Gamez, Cairns & Cox, 2010) | | | | | x | | x | x |
| Can creativity be taught? An empirical study on the benefits of visual analogy in basic design education (ÇUBUKCU & DÜNDAR, 2007) | x | | | | | | | x |
| Comparing synthesis strategies of novice graphic designers using digital and traditional design tools (Stones, & Cassidy, 2007) | x | | | | | | | |
| Game of thrones fans create spectacular minecraft version of king's landing (Watercutter, 2013) | | | | | x | | x | |
| Half-Real: Video Games between Real Rules and Fictional Worlds (Juul, 2005) | | | | | x | | x | x |
| How popular and prevalent is distance college education? (Phillips, 2010) | | | x | | | | | |
| ios 7: Apple moves away from skeuomorphism (DuPont, 2013) | | | | | | | x | |
| Mobile e-learning: The future of online education? (Gruenberg, 2012) | | | x | x | | | x | x |
| Mobile first (Wroblewski, 2011) | | | | x | | | x | |
| Mobile learning: 5 advantages and 5 disadvantages (Hajim, 2012) | | | x | x | | | x | |
| New study shows quality of online degrees and cost questioned (Wang, 2013) | | | x | | | | | |
| Online learning set for explosive growth as traditional classrooms decline (Nagel, 2011) | | | x | | | | | |
| Recording the Creative Process: An Empirical Basis for Practice-Integrated Research in the Arts (Gillham & McGilp, 2007) | x | | | | | | | |
| Seeing and discovering: how do student designers reinterpret sketches and digital marks during graphic design ideation? (Stones, & Cassidy, 2010) | x | | | | | | | |
| Steam for Schools' is a free version of Steam for students, facilitates Portal 2-based lessons (Gilbert, 2012) | | | x | | x | x | x | |
| Student Interactions in Online Discussion Forum: Empirical Research from 'Media Richness Theory' Perspective (Balaji & Chakrabarti, 2010) | | | x | | | | x | x |
| Student learning processes using an online PBL module in an art and design education course (Snepvangers & McAlpine, 2006) | x | x | x | | | | x | |
| Swedish school now has a mandatory minecraft class (Dunn, 2013) | | | | | x | | x | x |
| The promotion of creativity in learners: theory and practice (Dineen, Samuel & Livesey, 2005) | x | x | | | | | x | x |
| Uncanny spaces for higher education: teaching and learning in virtual worlds (Bayne, 2008) | | | x | | x | | x | x |
| Valve gives away portal 2 for free to teachers with 'steam for schools' (Narcisse, 2012) | | | x | | x | x | x | |

*"it needs an enthusiastic and engaging approach—the right attitude and motivation onthe teacher's part."*
*~Ruth Dineen, Elspeth Samuel & Kathryn Livesey*

*"The studio conversation as a learning situation is an excellent example of learning through interaction."*
*~Ann-Mari Edström*

*"Students achieved higher creativity score when visual clues were present than when they are absent.*
*Results have implications in basic design education. The novice design students may be encouraged*
*to study former visual examples rather than starting from scratch. Former visual examples could be*
*used as sources of inspiration to solve ill-structured design problems."*
*~Ebru ÇUBUKCU, Şebnem GÖKÇEN DÜNDAR*

*"The perceived richness of online discussion forum has significant positive effect on student participation and interaction,*
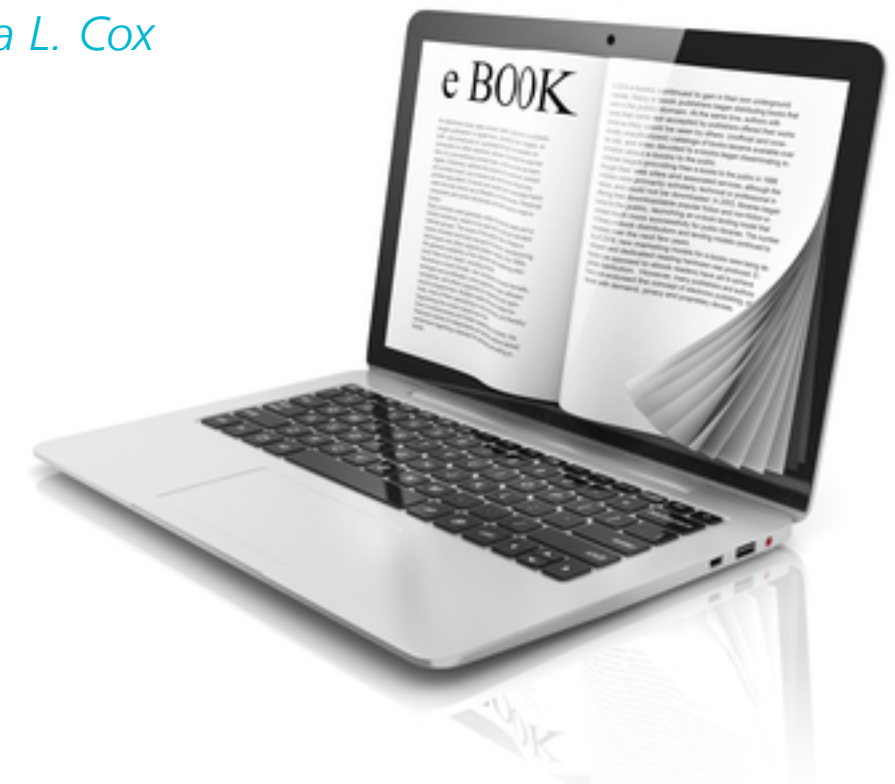*and learning, when used along with traditional classroom lecture."*
*~M S Balaji*

*"Collaborative group work is usually considered to be an essential aspect of PBL.*
*A meta-analysis of research on learning in small groups showed a significant positive effect on learning."*
*~Kim Snepvangers & Iain McAlpine*

*"A game is a rule-based system with a variable and quantifiable outcome, where*
*different outcomes are assigned different values, the player exerts effort in order to*
*influence the outcome, the player feels emotionally attached to the outcome, and the*
*consequences of the activity are negotiable"*
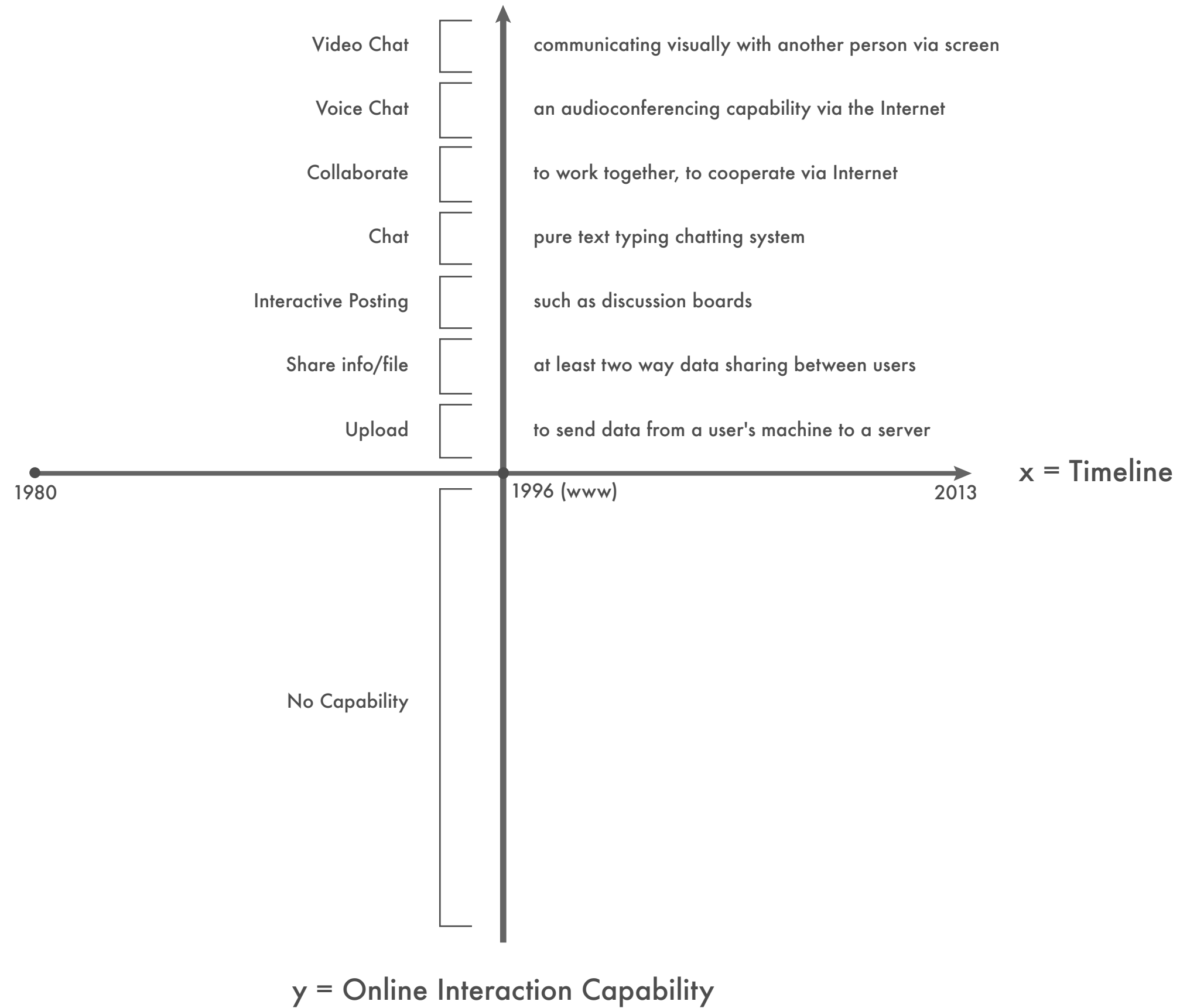*~Eduardo H. Calvillo-Gámez, Paul Cairns & Anna L. Cox*

*"Experiences of learning in virtual worlds, it explores the sense in which teaching in such spaces*
*materializes and extends the positive aspects of uncertainty, strangeness, disquietude*
*and troublesomeness in online higher education."*
*~Bayne, Sian*

*"The 3D gallery has many advantages over a real life classroom.*
*For instance, student's work is displayed for an extended period of time*
*allowing for visitors to come and view their work. Dunn also talked about being able to*
*invite artists to come to the space and speak with the students."*
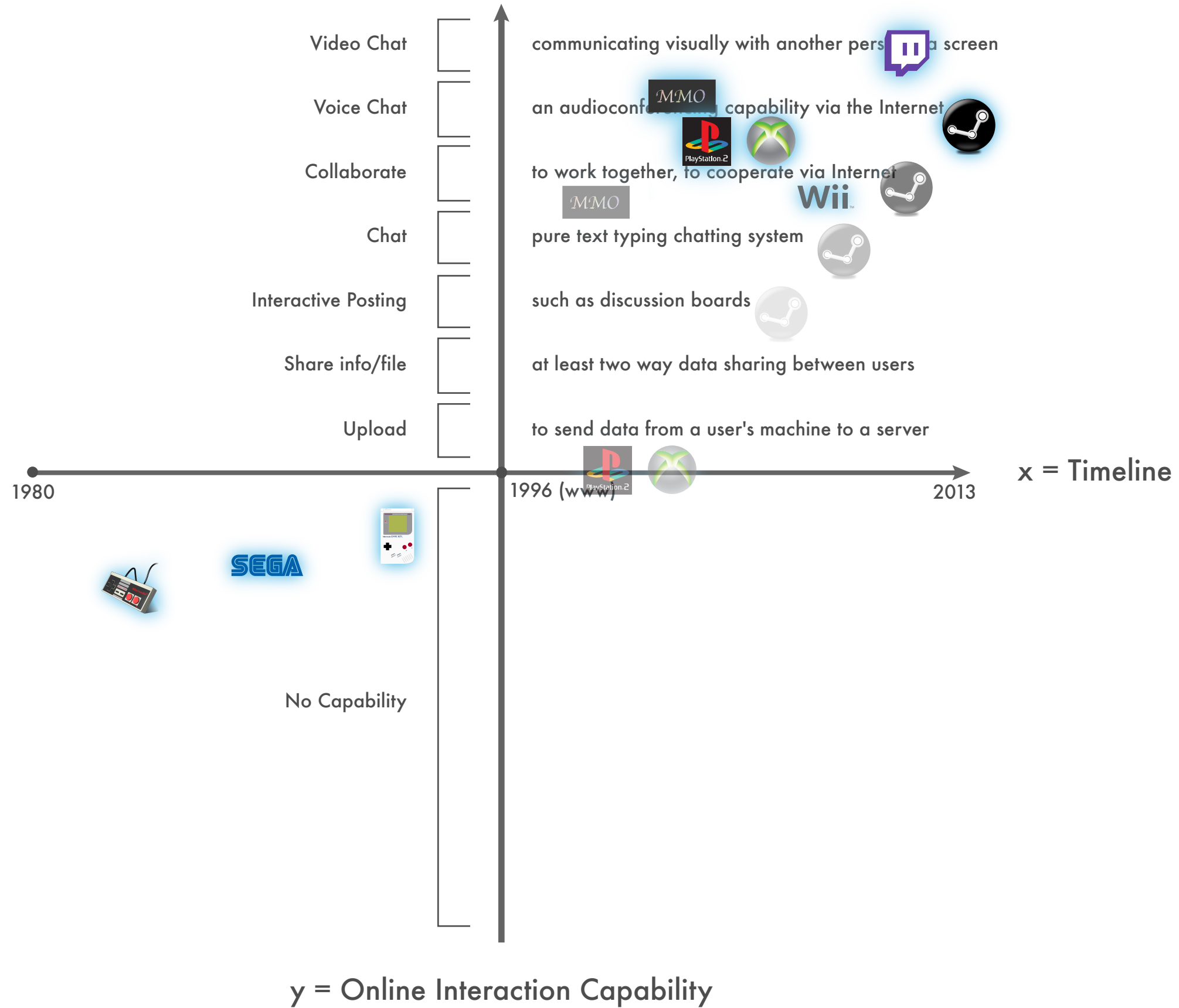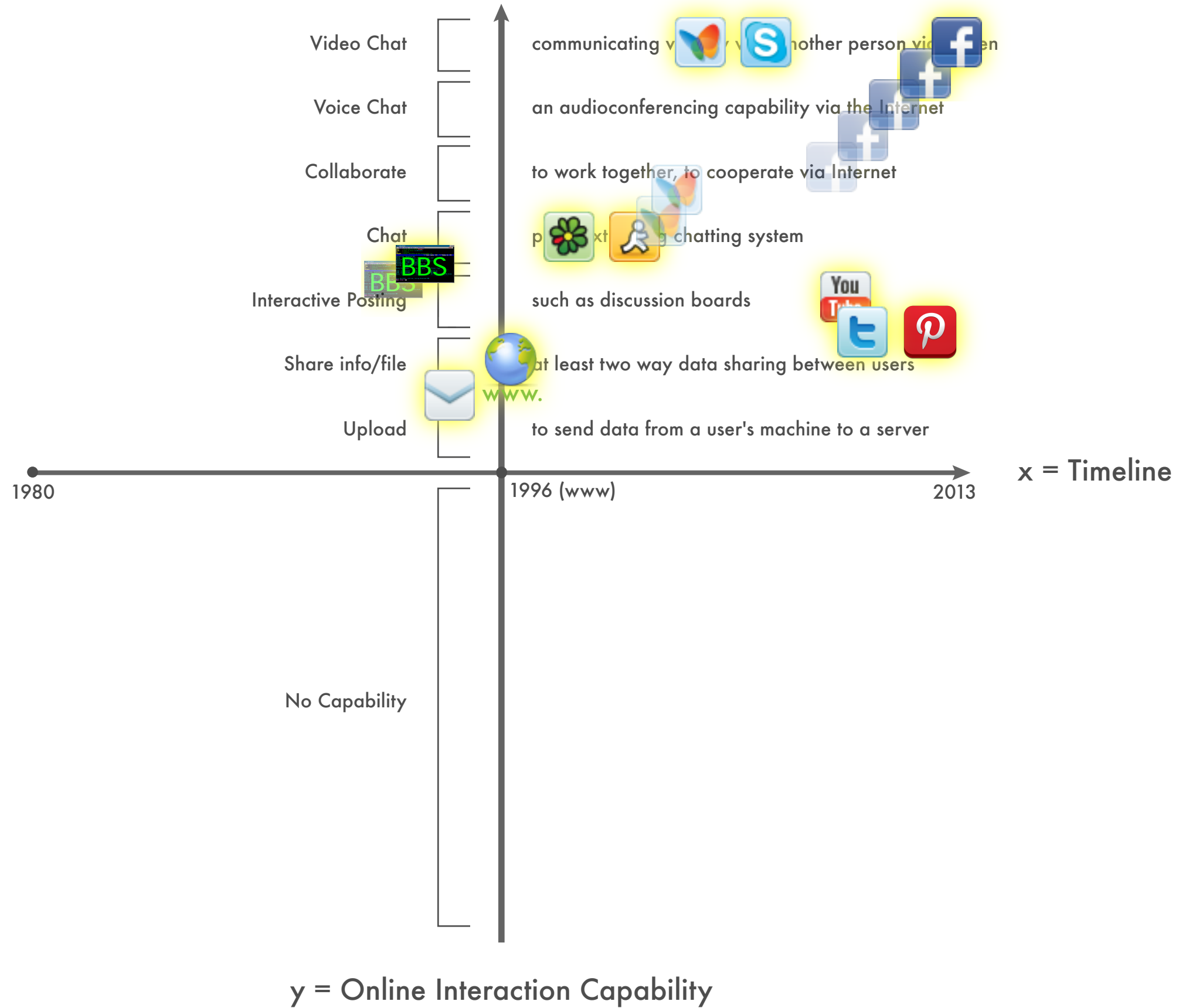*~Elisa Terrazas*

# INSPIRATIONS

Video Chat — communicating visually with another person via screen

Voice Chat — an audioconferencing capability via the Internet

Collaborate — to work together, to cooperate via Internet

Chat — pure text typing chatting system

Interactive Posting — such as discussion boards

Share info/file — at least two way data sharing between users

Upload — to send data from a user's machine to a server

x = Timeline

1980          1996 (www)          2013

No Capability

y = Online Interaction Capability

# INSPIRATIONS

Video Games



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2013

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# INSPIRATIONS

Social Media

Video Chat — communicating v... v... nother person vi... en

Voice Chat — an audioconferencing capability via the Internet

Collaborate — to work together, to cooperate via Internet

Chat — p... xt... chatting system

**BBS**

Interactive Posting — such as discussion boards

Share info/file — at least two way data sharing between users

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1980        1996 (www)        2013

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# INSPIRATIONS

Education

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# INSPIRATIONS

Compare



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# Group Interview

Generally, the idea is that almost 100% of participants agree that better human interactions make everything better rather than doing things solo in either online education or video gaming experience.

Video Game

Challenge

deliver

react
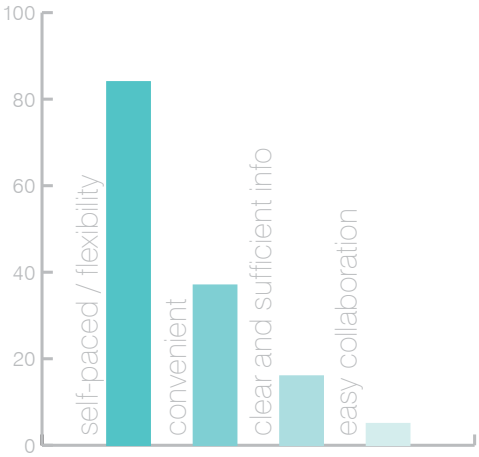
Players

INTERACTION

Video Gaming

Challenge

Online Education

Information

deliver

react

Students

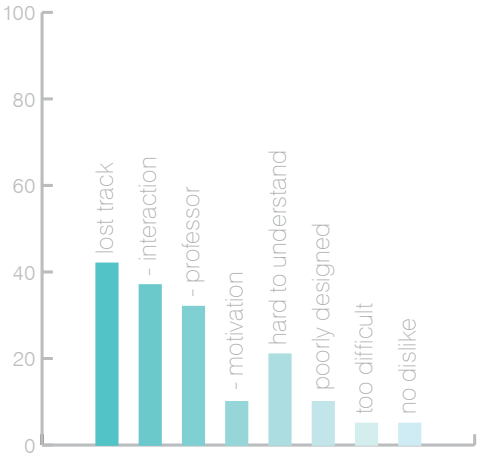Online Education

Information

# It is good to have professors around!

# Survey Data



Have you ever taken any online class?

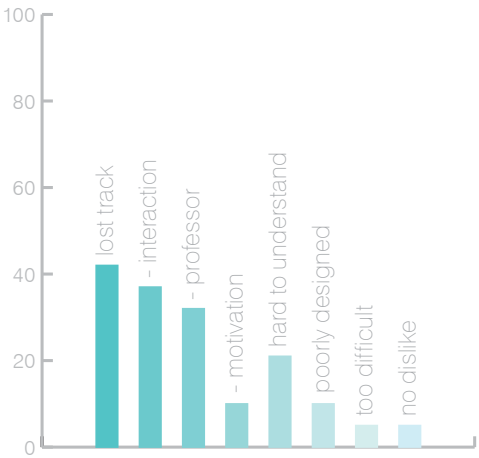Overall experience of taking an online class
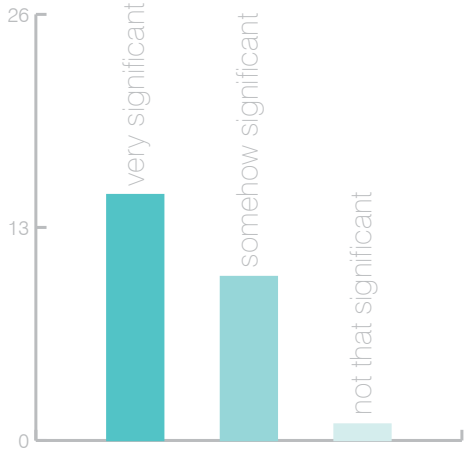
Likes about online classes

Dislikes about online classes
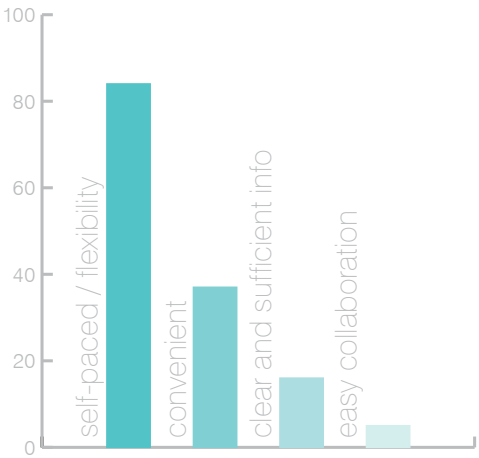
Likes about online classes

Dislikes about online classes
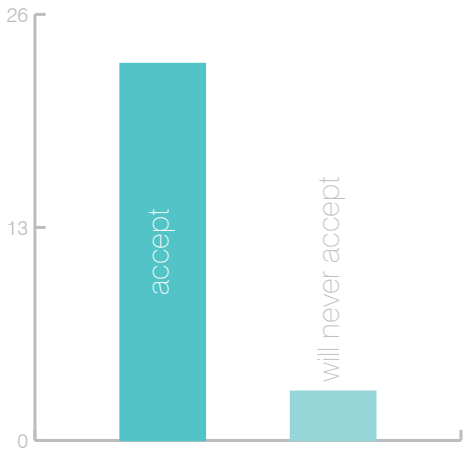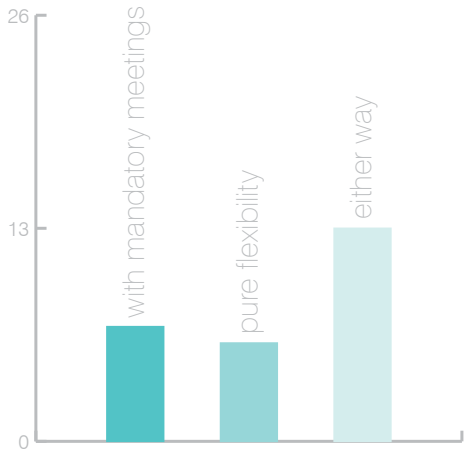
# Interview



**26 / 13 / 0** — very significant, somehow significant, not that significant

Interaction significance of online education



**26 / 13 / 0** — accept, will never accept

Most people accept online creative education, as long as it can fullfill their needs.



**26 / 13 / 0** — with mandatory meetings, pure flexibility, either way

Opinions of having mandatory meetings or pure flexibility for online creative classes.



**26 / 13 / 0** — interaction, motivation
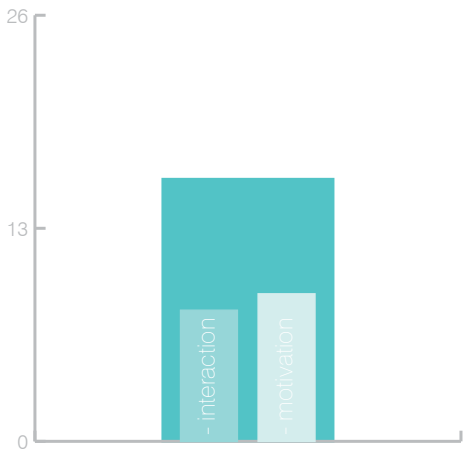
16/26 think notification is very important insufficient notification system causes lack of interaction and motivation



**26 / 13 / 0**

IM chat
+
voice chat
+
video chat
+
screen sharing
remote
+
virtual gallery
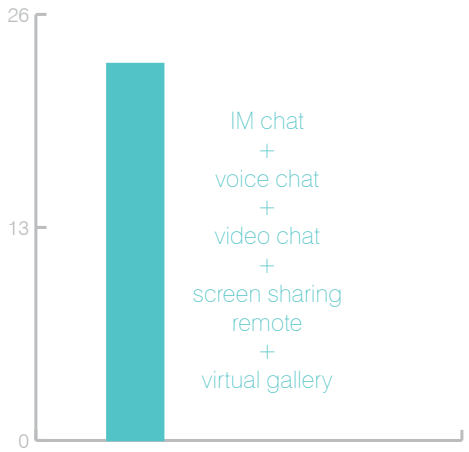
23/26 believe that IM, voice, video chat, screen sharing (remote) and virtual gallery can improve interaction problems



**26 / 13 / 0**

→ + motivation
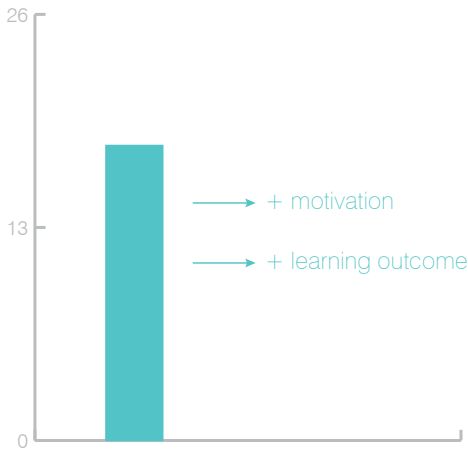
→ + learning outcomes

18/26 think that participation of professors and interaction with professors is very important, this affects motivation and learning outcomes

# Compare Survey & Interview Data

Survey Data

Q10 Do you think it is possible to take a studio class online if it was offered?

9.52%  2  I have taken an online design/art studio or related class.

9.52%  2  I think it is doable.

0%     0  I don't trust any online class.

80.95% 17  I don't think it is possible.

9.52%  2  I am not sure, but I would like to take an online studio class.

Total Respondents: 21

(This is a multiple-choice question, to evaluate each opinion separately)

Interview Data

the interview result shows that 23/26 people will accept online creative education. This might be affected by the introduction of the first stage of the prototype and positive experiences of previous online classes shared by other participants.

MagicPortal

Applications

Documents

The application can run in the background

• multitask

• watch and learn

An instant messenger function with additional tabs

- classes tab

- notification tab

Vicky Hsu
Online

Friends ▾   Classes ▾   Notifier ⚙   ?

Prof. Jackson Boelts ▾
Away

Janelle Buchanan ▾
Online

Mayuresh Patil ▾
Studying
ART 466

Jennifer Kearney ▾
Workshop
ART 466

Eva Palacios Orduña ▾

Search

MagicPortal

Applications

Documents

"Why design an online class app to
look and function like an instant messenger or social media?"

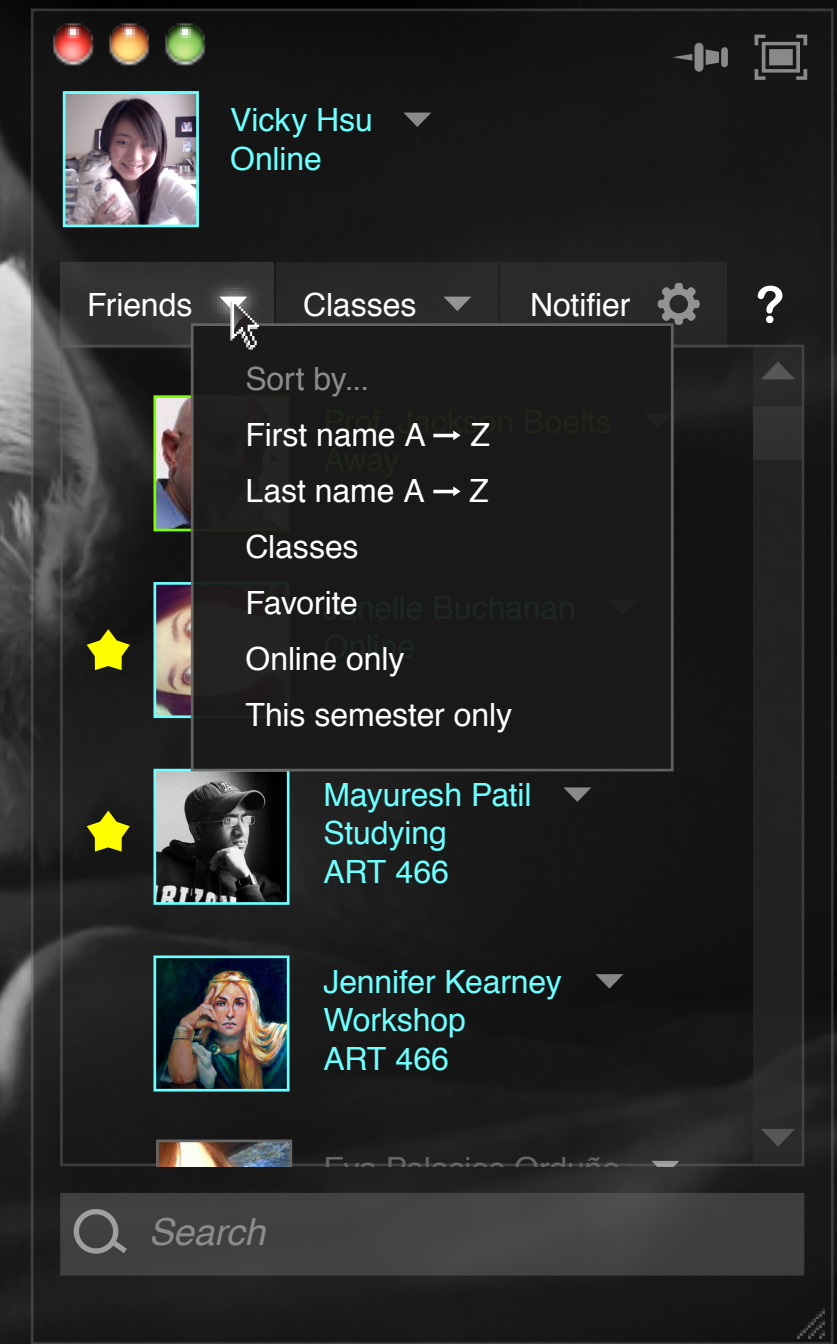*"Most are poorly designed..."*

• Increase Interactions

– Easier to reach other users for answers and solutions

with **instant response** and able to continue the topic without delay

– **expand interaction options**: voice and video conferences,

sharing and collaboration

– decrese  the **isolation feeling** from taking online class

– **increase motivation**: able to see others' works and work progress

• Familiarity

– something comfortable and familiar for users to use

"I would like my online class more Facebook-ish!"
"I like how Facebook works"
"Chat function will be very helpful for online classes"

MagicPortal

Applications

Documents

Vicky Hsu
Online

Friends    Classes    Notifier    ?

Sort by...

First name A → Z

Last name A → Z

Classes

Favorite

Online only

This semester only

Mayuresh Patil
Studying
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Jennifer Kearney
Workshop
ART 466

Search

"Why don't you just use existing social media for online education since they are already made?"

Because...

1. Convenience
   – When the application comes as a package, everything students need is being given to them. Students will not spend extra time to install or even learn additional applications, once they go over the tutorial of this application.
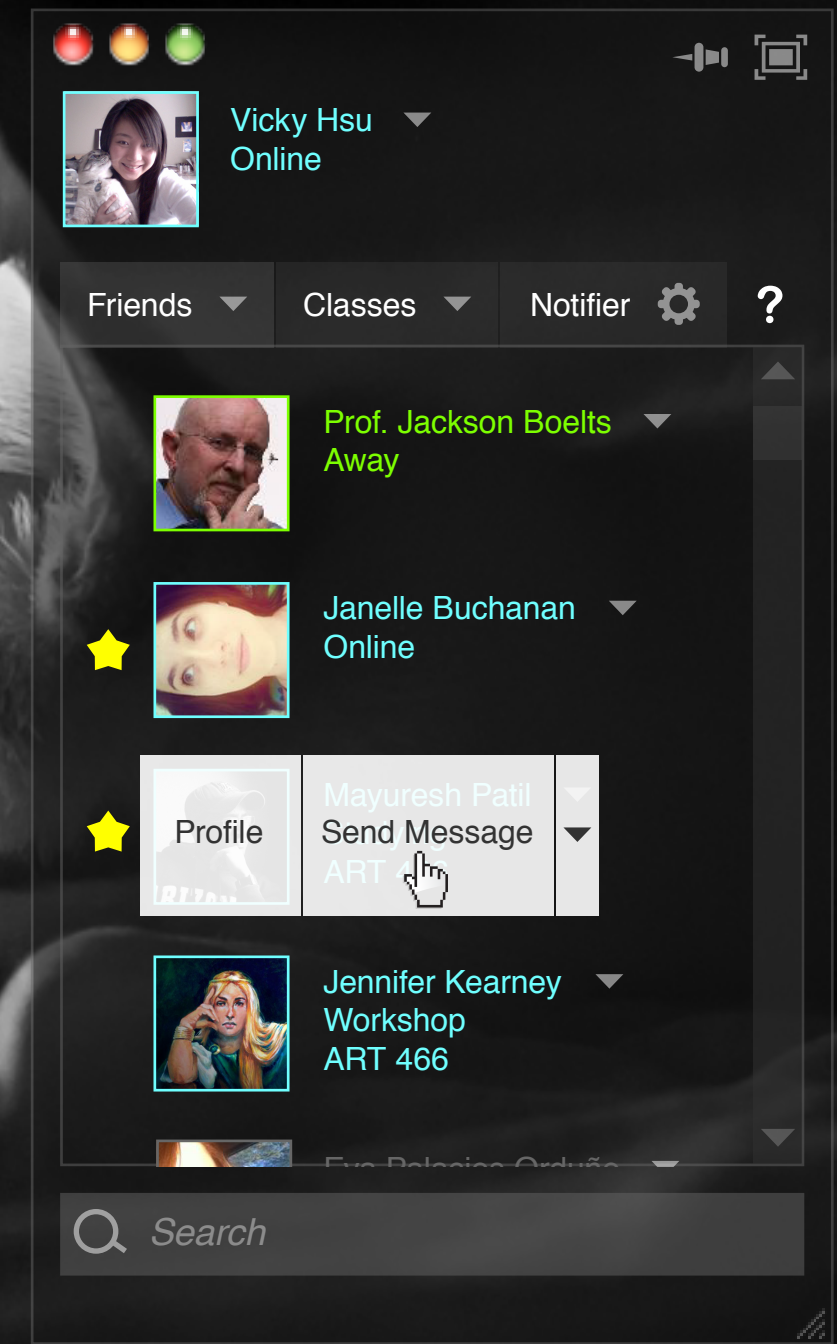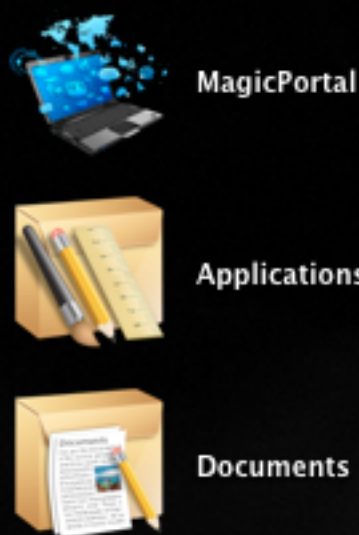
2. Security issues

3. Privacy issues

4. Disruption of personal and academic lives

"I am worried about having my school work shared or posted somewhere that isn't under the school's protection."

"I don't like how Facebook allows others to share or see my things."

"I would like to seperate my personal life and school life."

"I don't like to be disturbed while I logged on Facebook just for school matters."

MagicPortal

Applications

Documents

Vicky Hsu
Online

Friends    Classes    Notifier    ?

Prof. Jackson Boelts
Away

Janelle Buchanan
Online

Profile    Mayuresh Patil
Send Message
ART

Jennifer Kearney
Workshop
ART 466

Search

# Communication Options

Vicky Hsu
Online

Friends ▾    Classes ▾    Notifier ⚙    ?

Prof. Jackson
Away

Janelle Bucha...
Online

Mayuresh P...
Profile    Send Messag...
ART 466

Jennifer Kear...
Workshop
ART 466

Search

Send Files

Voice Chat

Video Chat

Share Screen

Tablet

Invite to...

Endorse Skills

Gift

Send SMS

Leave a Voice Message

Leave a Video Message

Add to Favorites

Add Notes

Notification Settings

– Increase the speed and details of interaction
– Additional body language and emotional cue
– Indicate more detailed questions and direction of problem solving
– collaboration

– Encourage students to help and learn from each other

– faster message delivery
– more personal messages than pure text

MagicPortal

Applications

Documents

Finder   File   Edit   View   Go   Window   Help

Vicky Hsu
Online

Ability to schedule an appintment with professor

Make an Appointment

Friends     Classes     Notifier

Send Files

Profile     Prof. Jackson
          Send Message

Voice Chat

Video Chat

Share Screen

Tablet

Janelle Bucha...
Online

Invite to...

Mayuresh Pa...
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ART 466

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Workshop
ART 466

Send SMS
Leave a Voice Message
Leave a Video Message

Evn Relacina

Search

Add to Favorites

Add Notes

MagicPortal

Applications

Documents

Notification Settings

Mayuresh Patil ✕      Michael Kartchner ✕

Hi there!

Hey! Do you have time to play Minecraft for extra credits later?

Yup! But please give me about... 15 mins to finish up a project.

Sure, sounds good :)

Say... (press Enter to send)

last message received on 2, 18, 2013 at 1:15am

Vicky Hsu
Online

Friends ▾      Classes ▾      Notifier ⚙      ?

Prof. Jackson Boelts ▾
Away

★  Janelle Buchanan ▾
Online

★  Mayuresh Patil ▾
Studying
ART 466

Jennifer Kearney ▾
Workshop
ART 466

Eva Palacios Orduña ▾

Search

MagicPortal

Applications

Documents

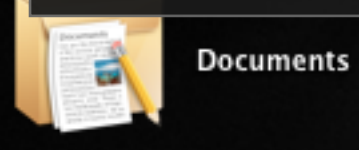Mayuresh Patil ✕    Michael Kartchner ✕

Hi there!

Hey! Do you have time to play Minecraft for extra credits la...

Yup! But please give me about... 15 mins to finish up a project.

Sure, sounds go...

| Send Files |
| Voice Chat |
| Video Chat |
| Share Screen |
| Tablet |
| Invite to... |
| Endorse Skills |
| Gift |
| Send SMS |
| Leave a Voice Message |
| Leave a Video Message |
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| Add Notes |
| Notification Settings |

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Jennifer Kearney ▾
Workshop
ART 466

Search

MagicPortal

Applications

Documents

Tablet

Janelle

Vicky

Stroke    3 pt.

Brush

Color

Transparency    100%

Attach a file    browse...

Save as...

Vicky Hsu
Online

Friends    Classes    Notifier    ?

Prof. Jackson Boelts
Away

Janelle Buchanan
Online

Mayuresh Patil
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ART 466

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ART 466

Search

Documents
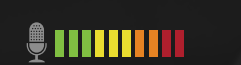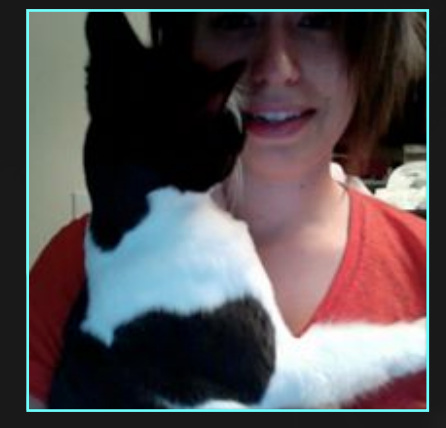
• Demonstration

• Collaboration

Tablet

Janelle

Vicky

Stroke    3 pt. ▾

Brush    ▾

Color    ▾

Transparency    100% ▾

Attach a file    browse...

Save as...

Documents

Friends    Classes ▾    Notifier    ⚙    ?

Prof. Jackson Boelts
Away

Janelle Buchanan
Online

Mayuresh Patil
Studying

Jennifer Kearney
Workshop
ART 466

Search

"Are we able to see the webcam while using Tablet?"

"It is easier to understand things when you can see a person."

"Sometimes it's hard to understand concepts without face to face interaction."

ART 466 Digital Illustration

Calendar

Syllabus

Lesson

Library

Quiz

Grade

Project

Resource

Chatroom

Discussion

Critique Room

MagicPortal

Applications

**Prof. Jackson Boelts**    Feb 18, 2013 @ 9:18am
**PROJECT 3**
Please display your completed Project 3 in Critique Room.

**Maria Thomas**    Feb 16, 2013 @ 2:04pm**COSTUM**
**COSTUME DESIGN SHOW!**
Please come to our Costume Design Show! Free food and party after the show! Please join us at 6pm on the 19th.

**Natasha Kolosowsky**    Feb 16, 2013 @ 4:05pm
The show will be held in DS101. Costume party will be held in 4th Ave at 10pm!

**Josh Dovishaw**    Feb 15, 2013 @ 11:15am
**LOOKING FOR PROJECT 4 PARTNER**
I still need a partner for project 4. I am really good at javascript, but lack of drawing skill... so I hope I can find a partner who is good at digital art. Please text me if you think I am the right partner for you :)

**Prof. Jackson Boelts**    Feb 11, 2013 @ 10:35am
**PROJECT 3 PROCESS**
Please post sketches of your Project 3 on Discussion before 13th morning.

February 20, 2013
**PROJECT 3 DUE**

February 21 – 27, 2013
**PROJECT 3 CRITIQUE**

February 28, 2013
**PROJECT 4 DUE**

March 1 – March 7, 2013
**PROJECT 4 CRITIQUE**

March 7 – 10, 2013
**QUIZ 1**

March 31, 2013
**PROJECT 5 DUE**

April 1 – 7, 2013
**PROJECT 5 CRITIQUE**

April 10 – 15, 2013
**QUIZ 2**

April 30, 2013
**FINAL PROJECT DUE**

A ♥ ♥ ♥ ♥ ♥ ♥ ♥ ♥ ☺ 🍸 🍸 🍸 🍸 🍸 🍸 🍸 🍸 🍸 80

MENU

Documents

**Vicky Hsu** ▾
Online

Friends ▾    Classes ▾    Notifier ⚙    ?

**ART 465**
**Design III**

**ART 466**
**Digital Illustration**

**GRA 294**
**InDesign**

**GRA 423**
**Interaction Design II**

🔍 Search

All information is easily accessable

Finder   File   Edit   View   Go   Window   Help

Facebook like anouncements and posts updates

Up coming events

Calendar
Syllabus
Lesson
Library
Quiz
Grade
Project
Resource
Chatroom
Discussion
Critique Room

Prof. Jackson Boelts   Feb 18, 2013 @ 9:18am
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Maria Thomas   Feb 16, 2013 @ 2:04pm **COSTUM**
**COSTUME DESIGN SHOW!**
Please come to our Costume Design Show! Free food and party after the show! Please join us at 6pm on the 19th.

Natasha Kolosowsky   Feb 16, 2013 @ 4:05pm
The show will be held in DS101. Costume party will ... Ave at 10pm!

Josh Dovishaw   Feb 15, 2013 @ 11:...m
**LOOKING FOR PROJECT 4 PARTNER**
I still need a partner for project 4. I am really good at javascript, but lack of drawing skill... so I hope I can find a partner who is good at digital art. Please text me if you think I am the right partner for you :)

Prof. Jackson Boelts   Feb 11, 2013 @ 10:35am
**PROJECT 3 PROCESS**
Please post sketches of your Project 3 on Discussion before 13th morning.

Class Menu
**show** all on the homepage
**hide** after arriving to the selected page

February 20, 2013
PROJECT 3 DUE

February 21 – 27, 2013
PROJECT 3 CRITIQUE

February 28, 2013
PROJECT 4 DUE

March 1 – March 7, 2013
PROJECT 4 CRITIQUE

March 7 – 10, 2013
QUIZ 1

March 31, 2013
PROJECT 5 DUE

April 1 – 7, 2013
PROJECT 5 CRITIQUE

April 10 – 15, 2013
QUIZ 2

April 30, 2013
FINAL PROJECT DUE

A ♥ ♥ ♥ ♥ ♥ ♥ ♥ ♥ ♥ 😊 🍸 🍸 🍸 🍸 🍸 🍸 🍸 🍸 80

visualized grade display, suggested by participants and inspired by gaming environment.

Vicky Hsu
Online

Friends ▾   Classes ▾   Notifier ⚙   ?

ART 465
Design III

ART 466
Digital Illustration

GRA 294
InDesign

GRA 423
Interaction Design II

find and sort every class

Search

A visual grading system allows students to compare their grades to others and protect everyone's privacy at the same time

ART 466 Digital Illustration: Grade

Class Menu |||

40

30

20

10

0

A        B        C        D        F

x: Grades    y: Numbers of Students

TOTAL                                          255/300

Project 3  Graded: Feb 18, 2013              85/100

Project 2  Graded: Feb 10, 2013              80/100

MagicPortal

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MENU

Vicky Hsu
Online

– Pin on desktop

– Fullscreen mode

Friends       Classes       Notifier

**ART 465**
Design III

**ART 466**
Digital Illustration

**GRA 294**
InDesign

**GRA 423**
Interaction Design II

Search

ART 465
Design III

ART 466
Digital Illustration

GRA 294
InDesign

GRA 423
Interaction Design II

**Prof. Jackson Boelts**   Feb 18, 2013 @ 9:18am
**ART 466: PROJECT 3**
Please display your completed Project 3 in Critique Room.
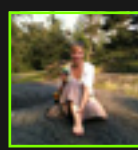
**Prof. Michelle Fehler**   Feb 18, 2013 @ 8:35am
**GRA 294: PROJECT 5**
Please completed your Project 5. Your final work needs to be displayed in Critique Room before 25th.
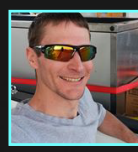
**Michael Kartchner**   Feb 17, 2013 @ 8:50pm
**GRA 423: JAVASCRIPT DOESN'T WORK :(**
For the Project 4, I spent so much time working on javascript, but my website doesn't seem work properly... I could really use some help :) If anyone can help me out, please take a look @ www.mkartchner.com        Thanks!

**Vicky Hsu**   Feb 17, 2013 @ 9:07pm
I have sent the correct code to your e-mail. If you need further help let me know :)
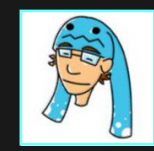
**Josh Dovishaw**   Feb 17, 2013 @ 9:31pm
I also checked your website for you. It was just some minor coding errors. You should use "firebug" to help you find the reasons of errors, it is really helpful.

**Prof. Alfred Sanft**   Feb 16, 2013 @ 12:50pm
**ART 465: INTERACTION DESIGN ARTICLE**
I have shared a great article about interaction design written by Nick Disabato in "Source" section. Please read it, I might include one or two questions about the article in the quiz.
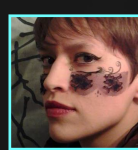
**Maria Thomas**   Feb 16, 2013 @ 2:04pm
**ART 466: COSTUME DESIGN SHOW!**
Please come to our Costume Design Show! Free food and party after the show! Please join us at 6pm on the 19th.
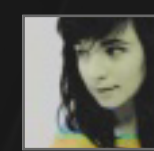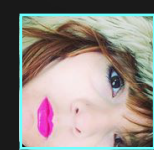
**Natasha Kolosowsky**   Feb 16, 2013 @ 4:05pm
The show will be held in DS101. Costume party will be held in 4th Ave at 10pm!

**Prof. Kyle Larkin**   Feb 16, 2013 @ 6:24pm
**GRA 423: JAVASCRIPT DEMO**
I found that several people have the same problems with javascript. I posted a new demo hopefully it would help most of you solve the problems.

**Jessica DeWitt**   Feb 16, 2013 @ 6:24pm
**GRA 423: JAVASCRIPT DEMO**
I still can't understand the coding between 6:30 to 7:00... :(

February 20, 2013
ART 466 / PROJECT 3 DUE

February 21 – 27, 2013
ART 466 / PROJECT 3 CRITIQUE

February 23, 2013
GRA 423 / PROJECT 4 DUE

February 25 – March 7, 2013
GRA 294 / PROJECT 5 CRITIQUE

March 1 – 10, 2013
ART 465 / QUIZ 1

March 3, 2013
GRA 423 / PROJECT 5 DUE

March 5, 2013
GRA 294 / PROJECT 6 SKETCH

March 6, 2013
GRA 465 / PROJECT 4 DUE

March 7 – 14, 2013
GRA 465 / PROJECT 4 CRITIQUE

March 7, 2013
GRA 466 / PROJECT 4 PROCESS

March 10, 2013
GRA 423 / QUIZ 2

March 13, 2013
GRA 423 / PROJECT 6 SKETCH

March 18, 2013
GRA 423 / STORYBOARD X 3

March 18, 2013
GRA 294 / PROJECT 6 DUE

March 19 – 25, 2013
GRA 294 / PROJECT 6 CRITIQUE

MagicPortal

Applications

Documents

MENU

● 65 friends online

# Due to the lack of notification
## students forget due dates
## and miss  interaction opportunities

"There really is no push from the professors. You have to keep on track with projects
and really push yourself to notice deadlines which is easy to lose track of."

"I am horrible at remembering when things are due
and the instructor was no help at all..."

"Sometimes it is easy to forget about due dates or miss due dates."

"I would sometimes forget about when assignments are due
since the class was always in the back of my mind."

"You lack of personal interaction,
deadlines hard to keep track of"

"Sometimes it was hard to remember due dates,
since there wasn't an actual class to go to."

"I always forget deadlines because it's my responsibility to remember them,
and there's no professor to remind me."

"The response time when contacting a professor, it often took awhile.
Sometimes I wouldn't frequently check the site so I would miss out on things.
There wasn't a notification system when my professor posted topics, or new things to blackboard."

MagicPortal

Applications

Documents

Vicky Hsu
Online

Friends     Classes     Notifier ⚙  ?

February 20, 2013
ART 466 / PROJECT 3 DUE

February 21 – 27, 2013
ART 466 / PROJECT 3 CRITIQUE

February 23, 2013
GRA 423 / PROJECT 4 DUE

February 25 – March 7, 2013
GRA 294 / PROJECT 5 CRITIQUE

March 1 – 10, 2013
ART 465 / QUIZ 1

March 3, 2013
GRA 423 / PROJECT 5 DUE

Search

Settings

Customize the way you want to be notified

Notification ▼

Interface ▶

Friends ▶

Account ▶

**Media bound**

SMS   ✉   G+   facebook   in   Skype   twitter

☒   ☒   ☒   ☐   ☐   ☐   ☐

**Class notification**

☒ All   ☐ ART 465   ☐ ART 466   ☐ GRA 294   ☐ GRA 423

**Events notification**

☒ Exam   ☒ Quiz   ☒ Due date   ☒ Anouncement

after making a selection, you will be able to choose how many days prior to the event you want to be notified

Discussion   ☒ new   ☐ comments about me only

Critique   ☐ new   ☒ comments about my favorites   ☒ comments about me only

Artwork   ☐ new   ☒ works of my favorite friends only

after making a selection, you will be able to choose how often you want to be notified

MagicPortal

Applications

Documents

MENU

Vicky Hsu
Online

Friends ▼   Classes ▼   Notifier ⚙   ?

February 20, 2013
ART 466 / PROJECT 3 DUE

February 21 – 27, 2013
ART 466 / PROJECT 3 CRITIQUE

February 23, 2013
GRA 423 / PROJECT 4 DUE

February 25 – March 7, 2013
GRA 294 / PROJECT 5 CRITIQUE

March 1 – 10, 2013
ART 465 / QUIZ 1

March 3, 2013
GRA 423 / PROJECT 5 DUE

Search

Settings

## Media bound

| SMS | ✉ | G+ | Facebook | in | Skype | Twitter |
|-----|---|----|----------|----|----|---------|
| ☒ | ☒ | ☒ | ■ | ■ | ■ | ■ |

## Class notification

☒ All   ☐ ART 465   ☐ ART 466   ☐ GRA 294   ☐ GRA 423

## Events notification

☒ Exam   ☒ Quiz   ☒ Due date   ☒ Anouncement

after making a selection, you will be able to choose how many days prior to the event you want to be notified

Discussion   ☒ new   ☐ comments about me only

◄ **7** ►

days

Critique   ☐ new   ☒ comments about me only

Artwork   ☐ new   ☒ works of my favorite friends only

after making a selection, you will be able to choose how often you want to be notified

MENU

Notification   ▼

Interface   ►

Friends   ►

Account   ►

---

Vicky Hsu ▼
Online

Friends ▼   Classes ▼   Notifier ⚙   ?

February 20, 2013
**ART 466 / PROJECT 3 DUE**

February 21 – 27, 2013
**ART 466 / PROJECT 3 CRITIQUE**

February 23, 2013
**GRA 423 / PROJECT 4 DUE**

February 25 – March 7, 2013
**GRA 294 / PROJECT 5 CRITIQUE**

March 1 – 10, 2013
ART 465 / QUIZ 1

March 3, 2013
GRA 423 / PROJECT 5 DUE

Search

MagicPortal

Applications

Documents

Participants state that people usually appreciate things they can customize for themselves

"Does the application always have to look like this?"

"Can I change the color?"

"Can I change the fonts and font sizes?"

Yes!

Settings

**Notification**

**Interface**

**Friends**

**Account**

**Select a scene**

more...    create...

**Select a color scheme**

more...

**Transparency**

0% |||||||||||||||||||||||||||||||| 100%

**Fonts**

title ✎    subtitle ✎    content ✎    caption ✎

MENU

Vicky Hsu
Online

Friends    Classes    Notifier ⚙    ?

February 20, 2013
ART 466 / PROJECT 3 DUE

February 21 – 27, 2013
ART 466 / PROJECT 3 CRITIQUE

February 23, 2013
GRA 423 / PROJECT 4 DUE

February 25 – March 7, 2013
GRA 294 / PROJECT 5 CRITIQUE

March 1 – 10, 2013
ART 465 / QUIZ 1

March 3, 2013
GRA 423 / PROJECT 5 DUE

Search

MagicPortal

Applications

Documents

"I like the personal working station or space in studio classes."

"I think you can maintain your personal space online by setting up your status."

"It tells your friends what you are working on, and if you would like to receive their messages."

"It can also tell your friends that you might not able to reply them immediately."

Vicky Hsu
Online

Online
Away
Busy
Do not Disturb
Looking to Study
Looking to Play
Workshop
Offline
Customize...

Edit Profile

Friends        Classes        Notifier

Prof.
Away

Janelle
Online

Maykresh Patil
Studying
ART 466

Jennifer Kearney
Workshop
ART 466

MagicPortal

Applications

Documents

Search

Personal resources and storage space

Profile

### Vicky Hsu ✎

Master of Science in Design (MSD),
Interaction Design
Arizona State University

Tempe, Arizona
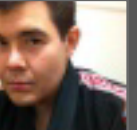
Linked social media could help others to know a person better
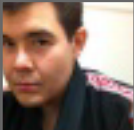
#### Recent Activity ✎

Worked in ART 466 workshop for 3.6 hours    Feb 19, 2013 @ 3:15am
Studied in ART 466 for 12 minutes    Feb 19, 2013 @ 12:00am
Achieved Minecraft: ☑ ✚ ▣ ⚓ ☺    Feb 18, 2013 @ 11:20pm
Played Creative Blocks with Janelle Buchanan for 5.1 hours    Feb 18, 2013 @ 11:20pm
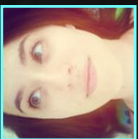Gave a tutorial of InDesign to Curtis Laplante for 18 minutes    Feb 18, 2013 @ 8:15pm
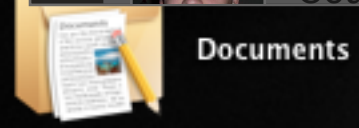
#### Comments ✎

Write something...

Curtis Laplante    Feb 19, 2013 @ 8:18pm
Hey Vicky, thanks for the tutorial ^_^

Erik Widmann    Feb 19, 2013 @ 6:39pm
Could you show me how to color a scanned drawing photoshop?

MENU

Documents

#### Public
🖼 Gallery
📍 Achievement

#### Classes Only
🖥 Tutorial
☁ Working Process

#### Professors Only
☕ Inspiration
✎ Sketch Book

#### Only Me
📖 Note Book

Most endorsed for...

| 21 | InDesign |
|----|----------|
| 18 | Illustrator |
| 15 | Photoshop |
| 7 | CSS |
| 5 | After Effect |

Vicky Hsu
Online

Friends ▾   Classes ▾   Notifier ⚙   ?

Prof. Jackson Boelts ▾
Away

Janelle Buchanan ▾
Online

Mayuresh Patil ▾
Studying
ART 466

Jennifer Kearney ▾
Workshop
ART 466

Eva Palacios Orduño ▾

Search

Endorse system encourages students to help each other,
and make it easier for people to find others who they can request help from

Profile

# Vicky Hsu

Master of Science in Design (MSD),
Interaction Design
Arizona State University

Tempe, Arizona

### Recent Activity

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### Comments

Write something...

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MENU

Documents

### Public

Gallery
Achievement

### Classes Only

Tutorial
Working Process

### Most endorsed for...

| 21 | InDesign |
| 18 | Illustrator |
| 15 | Photoshop |
| 7 | CSS |
| 5 | After Effect |

---

**Vicky Hsu**
Online

Friends ▾    Classes ▾    Notifier ⚙    ?

**Prof. Jackson Boelts** ▾
Away

⭐ **Janelle Buchanan** ▾
Online

⭐ **Mayuresh Patil** ▾
Studying
ART 466

**Jennifer Kearney** ▾
Workshop
ART 466

Search

Profile

## Vicky Hsu ✎

Master of Science in Design (MSD),
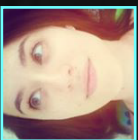Interaction Design
Arizona State University

Tempe, Arizona

### Public
| 🖼 | Gallery |
| 📍 | Achievement |

### Classes Only
| 🖥 | Tutorial |
| ☁ | Working Process |

### Professors Only
| ☕ | Inspiration |
| 📋 | Sketch Book |

### Only Me
| 📖 | Note Book |

✎ ✛

### Recent Activity ✎

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| 21 | InDesign |
| 18 | Illustrator |
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| 7 | CSS |
| 5 | After Effect |

### Comments ✎

Write something...

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Hey Vicky, thanks for the tutorial ^_^

**Erik Widmann**   Feb 19, 2013
Could you show me how to color a scanned drawing in Photoshop?

Activity & Interaction Menu
+interaction
+motivation
+interesting
+oportunities to learn

Documents
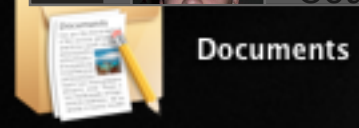
---

Vicky Hsu
Online

| Friends ▾ | Classes ▾ | Notifier ⚙ | ? |

**Prof. Jackson Boelts** ▾
Away

★ **Janelle Buchanan** ▾
Online

★ **Mayuresh Patil** ▾
Studying
ART 466

**Jennifer Kearney** ▾
Workshop
ART 466

Search

"I really like the idea of an avatar!"

"I love to customize my avatar in games"

"It would be a lot more fun participat in a critique with it!"

Avatar

Change Character Settings

Preset | Face Shape | Hair | Adornment

Customize Face

Face Shape    ◀    Face 14    ▶

Face Details

Body Details

Skin Color

Eye Color

Lip Color

Random    Reset

Change    Cancel    Reset

Vicky Hsu
Online

Friends ▾ | Classes ▾ | Notifier ⚙ | ?

Prof. Jackson Boelts ▾
Away

Janelle Buchanan ▾
Online

Mayuresh Patil ▾
Studying
ART 466

Jennifer Kearney ▾
Workshop
ART 466

Eva Palacios Orduña ▾

Search

Documents

"You can reward students with new avatar customizations."

Virtual Shopping

New!

Tops

Bottoms

Outwears

Accessories

Outfits

Shoes

Pets

150

3,000

600

800

2,500

1,000
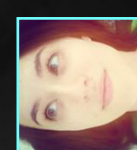
**1,520**

Vicky Hsu
Online

Friends    Classes    Notifier    ?

Prof. Jackson Boelts
Away

Janelle Buchanan
Online

Mayuresh Patil
Studying
ART 466

Jennifer Kearney
Workshop
ART 466

Search

Documents

February 2013

"No professor to remind me!"

"NO ONE TO REMIND ME!!"

| Sun | Mon | Tue | Wed | Thu | Fri | Sat |
|-----|-----|-----|-----|-----|-----|-----|
| 27 | 28 | 29 | 30 | 31 | 1 | 2 |
| 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| 24 | 25 | 26 | 27 | 28 | 1 | 2 |
| 3 | 4 | 5 | 6 | 7 | 8 | 9 |

ART 465
Design III

ART 466
Digital Illustration

GRA 294
InDesign

GRA 423
Interaction Design II

Professor
Appointment

MagicPortal

Applications

Documents

Vicky Hsu
Online

Friends    Classes    Notifier    ?

Prof. Jackson Boelts
Away

Janelle Buchanan
Online

Mayuresh Patil
Studying
ART 466

Jennifer Kearney
Workshop
ART 466

Search

## February 2013

◀    February 2013    ▶

| Sun | Mon | Tue | Wed | Thu | Fri | Sat |
|-----|-----|-----|-----|-----|-----|-----|
| 27 | 28 | 29 | 30 | 31 | 1 | 2 |
| 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| 24 | 25 | 26 | 27 | 28 | 1 | 2 |
| 3 | 4 | 5 | 6 | 7 | 8 | 9 |

**PROJECT 2 DUE**
Please display your Project 2 in Critique Room by midnight.

ART 465
Design III

ART 466
Digital Illustration

GRA 294
InDesign

GRA 423
Interaction Design II

Professor
Appointment

MENU

Documents

---

Vicky Hsu
Online

Friends    Classes    Notifier    ?

Prof. Jackson Boelts
Away

Janelle Buchanan
Online

Mayuresh Patil
Studying
ART 466

Jennifer Kearney
Workshop
ART 466

Search

"You can make a calendar for making appointments with professors"

## February 2013

An easy to use and visualized appointment calendar

| Sun | Mon | Tue | Wed | Thu | Fri | Sat |
|---|---|---|---|---|---|---|
| 27 | 28 | 29 | 30 | 31 | 1 | 2 |
| 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| 24 | 25 | 26 | 27 | 28 | 1 | 2 |
| | | 5 | 6 | 7 | 8 | 9 |

ART 465
Design III

ART 466
Digital Illustration

GRA 294
InDesign

GRA 423
Interaction Design II

Professor
Appointment

Prof. Alfred Sanft
Prof. Jackson Boelts
Prof. Michelle Fehler
Prof. Kyle Larkin

"The instructors weren't easy to reach..."

MagicPortal

"There really is no push from the professors."

"There is little 1 on 1 time with a professor."

MENU

Documents

"It was very hard to clarify class material
without being face to face with an instructor."

Vicky Hsu
Online

Friends   Classes   Notifier   ?

Prof. Jackson Boelts
Away

Janelle Buchanan
Online

Mayuresh Patil
Studying
ART 466

Jennifer Kearney
Workshop
ART 466
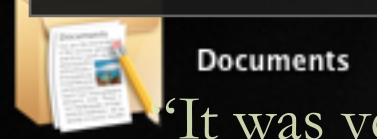
Evo Palacios Orduño

Search

Every interview group suggested bring up the achievement and challenge system of games and giving virtual rewards when students achieve certain goals that are listed on achievements by instructors .

## Achievements

**Available** ▼

ART 465 ▶
ART 466 ▶
GRA 294 ▶
GRA 423 ▶

Achieved ▶

**1,520** ⭐

| | |
|---|---|
| Complete a project first | 100 ⭐ |
| Complete a project first | 100 ⭐ |
| Give a tutorial to your classmate | 300 ⭐ |
| Have the highest score for a project | 250 ⭐ |
| Score more than 90 points for *Kern Type, the kerning game* | 200 ⭐ |
| Make the first comment in the critique room | 100 ⭐ |
| Make 5 comments during a project critique | 300 ⭐ |
| Best project example | 500 ⭐ |

Vicky Hsu
Online

Friends ▼    Classes ▼    Notifier ⚙    ?

Prof. Jackson Boelts ▼
Away

Janelle Buchanan ▼
Online

Mayuresh Patil ▼
Studying
ART 466

Jennifer Kearney ▼
Workshop
ART 466

Search

Documents

Finder  File  Edit  View  Go  Window  Help

Again, the idea and the opportunity of collaboration.

Instead of leaving all in-class activities out of the curriculum, Play to Learn is an alternative to in-class activities

Play to Learn

All
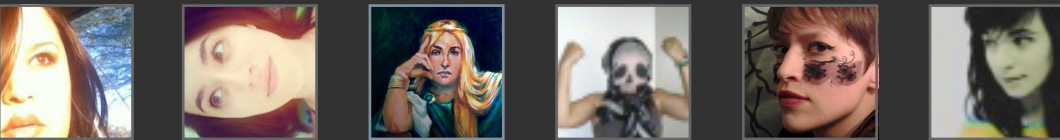
ART 465

ART 466

GRA 294

GRA 423

## Art Rage

15.5 hours played
Last played Feb 17, 2013

You have 21 friends who play Art Rage
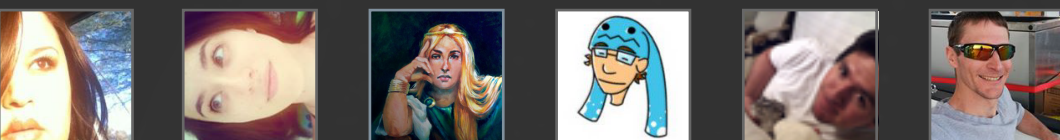
+15

## Minecraft

10.6 hours played
Last played Feb 18, 2013

You have 56 friends who play Minecraft

+50

Vicky Hsu
Online

Friends    Classes    Notifier    ?

Prof. Jackson Boelts
Away

Janelle Buchanan
Online

Mayuresh Patil
Studying
ART 466

Jennifer Kearney
Workshop
ART 466

Search

MagicPortal

Applications

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Group, Partnership & Social Activities

All

ART 465

ART 466

GRA 294

GRA 423

**JOSH DOVISHAW**
Project 4 Partner

*Note for project partners*
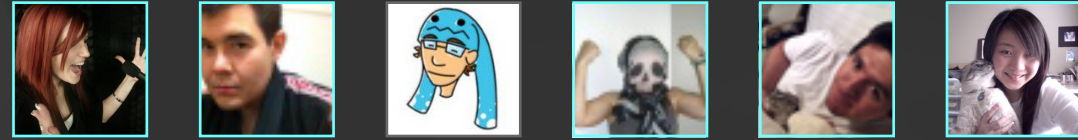
Note:
javascript
best working time 7pm PST, Fri~Mon
Cell: 480.452.4221

**VIRTUAL GROUP / SITTING**
Group 5

*This ensures everyone's work gets feedback*

Duration: Feb 15 – Mar 1

**CRITIQUE GALLERY**
Project 3

Open for setting: before Feb 19 midnight
Open for critique: Feb 20

*"Figure out ways to make it more interactive with the whole classroom."*

MagicPortal

Applications

Documents

Vicky Hsu
Online

Friends ▾    Classes ▾    Notifier ⚙    ?

Prof. Jackson Boelts ▾
Away

Janelle Buchanan ▾
Online

Mayuresh Patil ▾
Studying
ART 466

Jennifer Kearney ▾
Workshop
ART 466

Search

Recreate the most important essence in creative education—**CRITIQUE**
**opportunities of additional interactions such as body language and emotion expression**

Curtis Laplante: I thought we can use only 3 colors for this project??

Maria Thomas: Yeah, but the 3 colors does not include black and white.

Curtis Laplante: Oh crap! I didn't know that... :*(

Curtis Laplante cries

Maria Thomas: Wow... this one looks great @_@

Curtis Laplante: I thought we can use only 3 colors for this project??
Maria Thomas: Yeah, but the 3 colors does not include black and white.
Curtis Laplante: Oh crap! I didn't know that... :*(
Curtis Laplante cries
Maria Thomas: Wow... this one looks great @_@

Don't worry about it Curtis,

Maria Thomas: Yeah, but the 3 colors does not include black and white.
Curtis Laplante: Oh crap! I didn't know that... :*(
Curtis Laplante cries
Maria Thomas: Wow... this one looks great @_@
Vicky Hsu: Don't worry about it Curtis, mine isn't anywhere better......

Maria Thomas: Yeah, but the 3 colors does not include black and white.
Curtis Laplante: Oh crap! I didn't know that... :*(
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Maria Thomas: Wow... this one looks great @_@
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MENU

## navigation tools

**click on artwork for a closer view**

**open catalogue**

**close catalogue**

**exhibition tour**

▲
◄ ▼ ►

**move forward back and turn**

**W** raise eye level

**A** slide **S**

**Z** lower eye level
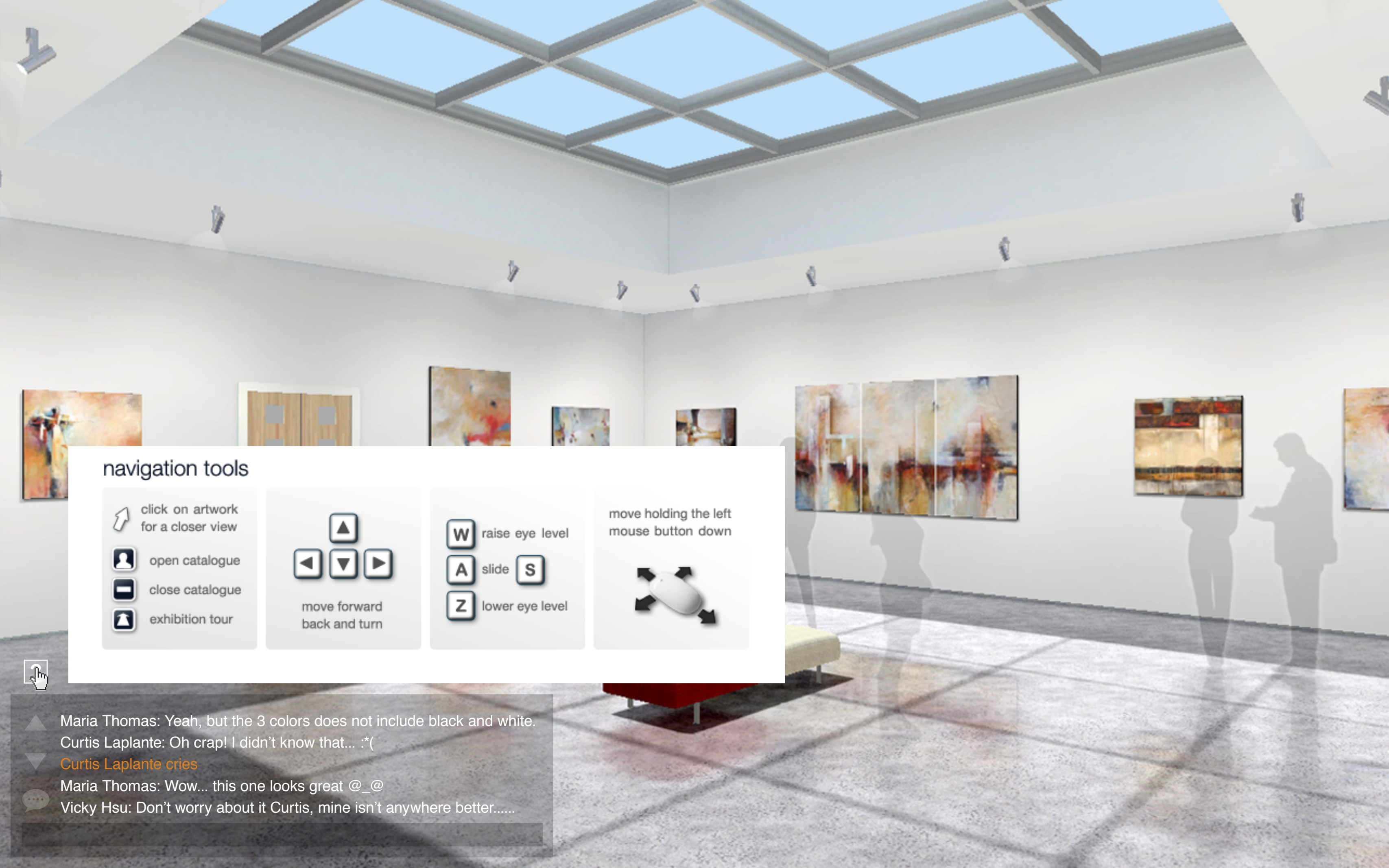
**move holding the left mouse button down**

Maria Thomas: Yeah, but the 3 colors does not include black and white.
Curtis Laplante: Oh crap! I didn't know that... :*(
Curtis Laplante cries
Maria Thomas: Wow... this one looks great @_@
Vicky Hsu: Don't worry about it Curtis, mine isn't anywhere better......

Karen Hale
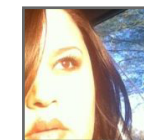
Multiple Facets- 1200

Acrylic on gallery wrapped canvas

90 x 90 cm

### Eva Palacios Orduño

Feb 16, 2013 @ 9:18am

Lorem ipsum dolor sit amet, assentior incorrupte ei has, mei iudico ponderum persecuti ei, at dicta laoreet copiosae pro. Ut putent iriure qualisque quo.
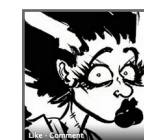
### JoJo Seames

Feb 16, 2013 @ 12:12pm

Porro elitr corrumpit vim id? Et nam nihil discere liberavisse! Ea usu fabellas ocurreret?
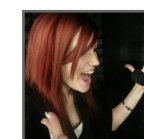
### Alexis Peschke

Feb 16, 2013 @ 2:26pm

Ex quaestio assentior scribentur his, sea audire volumus petentium no. Consequat reformidans no his, posse aliquid imperdiet ius in!
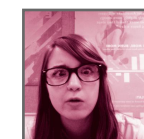
### Alex Flamini

Feb 16, 2013 @ 2:36pm

Duo ea mollis legendos recteque, ea vel omnis quaestio. No falli decore delenit eam. Ex tantas accumsan vel, quo ex lorem mollis, ad mel ferri altera percipitur. Doming molestiae quo eu, timeam conceptam ex vim. Prima altera argumentum vix te, cum novum consetetur voluptatibus et, vim ad petentium argumentum contentiones!
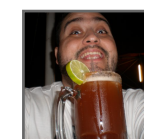
### Edgar Mendoza

Feb 16, 2013 @ 4:45pm

Ne probo nihil tincidunt has, eu saepe homero appetere eos, modo dissentiet nec an. Ut sit nulla accusam suavitate. Nulla erant aperiri an pro? Quo ad reque dicat erroribus, eam ei regione menandri cotidieque, usu diam augue ridens ut! Ex dico sale percipitur eum?
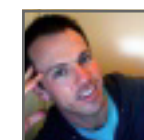
### Prof. Jamey Aiken

Feb 17, 2013 @ 6:35am

Usu solum tritani ne. Fugit iudicabit cu eum, justo facilisis salutatus mel ei. Mei bonorum placerat cu? Cum et ferri munere vituperata, ius ei decore appellantur, qui prompta eleifend hendrerit an. Has ut delenit intellegebat consectetuer? No erroribus dissentiunt pri, et per commodo evertitur, ex est fabellas facilisi suscipiantur. Mei ea facilisis conceptam disputando, sed tibique persecuti efficiendi ei, amet omnes placerat ut ius. No has insolens evertitur, in soleat possim delicata sit. Vim eu similique concludaturque, habeo platonem voluptaria duo at? Ad mel vero bonorum interpretaris, sit ea diam comprehensam, vel porro aperiri

"Online classes may take away students' opportunities to learn from others"

"We need a way to see everyone's working progress"

All

ART 465

ART 466

GRA 294

GRA 423

**Arthur Gardner**
Project 4
coloring stage

**Edgar Mendoza**
Project 3
refine...

**Eleonor Leon**
Project 3
sketching

**Janelle Buchnan**
Just Sketching
trying new media

**Natasha Kolosowsky**
Project 3
finalizing

Live my workshop

screen sharing

webcam

Documents

Vicky Hsu
Online

Friends    Classes    Notifier    ?

Prof. Jackson Boelts
Away

Mayuresh Patil
Studying
ART 466

Jennifer Kearney
Workshop
ART 466

Janelle Buchanan
Last Online: 17 mins ago

Search
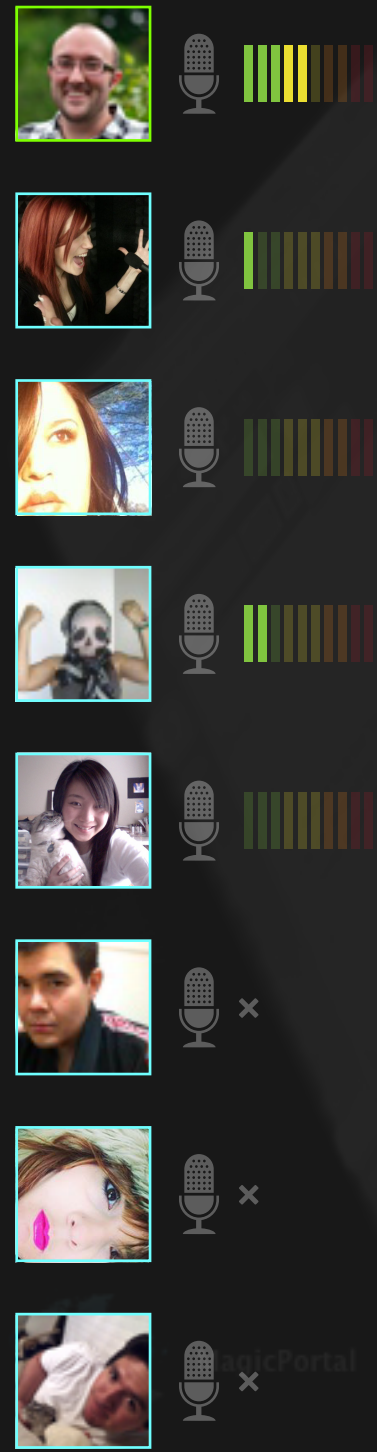
C:\Program Files\Notepad++\plugins\FTP_synchronize\orizensc@ftp.orizens.com\public_html\wp\wp-co...

File    Settings    Macro    Run    TextFX    Plugins    Window    ?

```
     -//W3C//DTD XHTML 1.0 Transitional//EN" "http:
     w.w3.org/1999/xhtml" <?php language_attributes(

     gmpg.org/xfn/11">
ent-Type" content="<?php bloginfo('html_type');
on" type="image/x-icon" href="http://www.orizen
'name'); ?> <?php if ( is_single() ) { ?> &raqu

     content="WordPress <?php bloginfo('version');

10
11   <link rel="stylesheet" href="<?php bloginfo('stylesheet_url'); ?>" ty
12   <link rel="alternate" type="application/rss+xml" title="<?php bloginf
13   <link rel="pingback" href="<?php bloginfo('pingback_url'); ?>" />
14   <!--[if IE 6]>
15      <link rel="stylesheet" href="<?php bloginfo('template_url');echo
     <![endif]-->
17   <!--[if gt IE 6]>
18      <link rel="stylesheet" href="<?php bloginfo('template_url');echo
19   <![endif]-->
20   <?php wp_head(); ?>
21   </head>
22   <body id="body">
23   <div id="page">
24
25      <div id="header">
26         <div id="headerimg">
27            <h1>
28               <a href="<?php echo get_option('home'); ?>/">
29                  <span><?php bloginfo('name'); ?></span>
30               </a>
31            </h1>
32            <div class="description"><?php bloginfo('description');
33            <img src="<?php bloginfo('template_url');echo '/images/
34            <!--div class="orizensVase"--><!-- ?php wp_swfobject_ec
35         </div>
36      </div>
37
```

```
1    #portfolioStage
2    {
3        height:512px;
4        overflow:hidden;
5        position:relative;
6        width:420px;
7    }
8
9    #portfolioContainer
10   {
11       left:0px;
12       overflow:auto;
13       position:absolute;
14       width:10000px;
15   }
16   .portfolio_content
17   {
18       width: 730px;
19       margin:18px auto 0;
20   }
21
22   #portfolioMenu
23   {
24       float: left;
25       margin-right: 40px;
26       width: 180px;
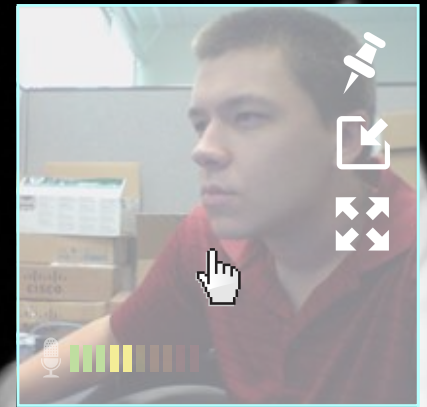```

```
16   .portfolio_content
17   {
18       width: 730px;
19       margin:18px auto 0;
20   }
21
22   #portfolioMenu
23   {
24       float: left;
25       margin-right: 40px;
26       width: 180px;
27   }
28   #mainPortfolioContainer
29   {
30       margin-top: 20px;
31   }
32   .zen_album_container
33   {
34       float:left;
35       margin-right:40px;
36       overflow:auto;
37       width:420px;
38   }
39   .portfolio_buttons
40   {
41       cursor: pointer;
42       text-indent: 0px;
```

```
12   function ToolTip(sWrapperHtmlId)
13   {
14       this.id;
15       this.element;
16       this._stack;          //to be developed to
17
18       this.show = function(sContent)
19       {
20           this.element.innerHTML = sContent
21           var u = window.event.clientY + do
22           var l = window.event.clientX + do
23           this.setStyle('top', u);
24           this.setStyle('left', l);
25           this.element.style.display = "blo
26       }
27
28       this.hide = function()
29       {
30           this.element.style.display = "non
31       }
32
33       this.setStyle = function(sProperty, s
34       {
35           this.element.style[sProperty] = s
36       }
37
```

```
40       this.id = "tooltip_" + ToolTip.properti
41       ToolTip.properties.count++;
42       var tt = document.createElement('div');
43       tt.setAttribute("id", this.id);
44       if(sWrapperHtmlId)
45       {
46           var oWrapper = document.getElementB
47       }
48       else
49       {
50           var oWrapper = document.body;
51       }
52       //-- Setting hiding before appending
53       tt.style.display = "none";
54
55       //-- Check if the element has been appen
56       oWrapper.appendChild(tt);
57       this.element = document.getElementById(
58
59       //-- Setting Must Have Style and default
60       this.setStyle('position', 'absolute');
61       this.setStyle('padding', '1px 3px');
62       this.setStyle('backgroundColor', '#FFFF
63       this.setStyle('border', '1px solid #000
64       this.setStyle('fontSize', '11px');
65       this.setStyle('fontFamily', 'Arial');
```

PHP Hypertext Preprocessor file          nb char : 1903          Ln : 6   Col : 98   Sel : 0          UNIX          ANSI          INS

Add New Post ‹ Or...    NexusFile V    ProShow Producer...    C:\Program Files\...    C:\Program Files\...    D:\temp\COMVER...

Curtis Laplante: I don't understand line 28...
Jessica DeWitt: same here :(

"Figure out ways to make it more interactive with the whole classroom."

"Learn from watching others, and listen to others' conversation."

MENU          ● 65 friends online

Finder   File   Edit   View   Go   Window   Help

global.css — V!ckyHsu.com                                    UNREGISTERED

GROUP 1
× index.html

GROUP 2
× global.css

FOLDERS
▼ V!ckyHsu.com
  ▶ _notes
  ▶ about
  ▶ art
  ▶ book
  ▶ contact
  ▼ css
    ▶ _notes
    form.css
    global.css
    reset.css
    test.css
  ▶ design
  ▶ fancybox
  ▶ gra321
  ▶ gra322
  ▶ gra422
  ▶ gra423
  ▶ gra562
  ▶ img
  ▶ research
  ▶ sketch
  about.html
  art.html
  contact.html
  design.html
  favicon.ico

index.html

```
1    <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
     Transitional//EN" "http://www.w3.
     org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
2    <html xmlns="http://www.w3.org/1999/xhtml">
3    <head>
4    <link rel="shortcut icon" href="img/favicon.
     ico" />
5    <meta http-equiv="Content-Type" content="
     text/html; charset=UTF-8" />
6    <title>V!ckyHsu.com</title>
7    <link href="css/reset.css" rel="stylesheet"
     type="text/css" />
8    <link href="css/global.css" rel="stylesheet"
     type="text/css" />
9    </head>
10
11   <body>
12
13   <div class = wrapper>
14
15   <img id = "inkfishes" src="inkfishes.png"
     width="154" height="170" />
16
17   <ul class = nav>
18       <li><a href="design.html">DESIGN</a></li>
19       <li><a href="art.html">ART</a></li>
20       <li><a href="sketch.html">SKETCH</a></li>
21       <li><a href="research.html">RESEARCH</a><
         /li>
22       <li><a href="about.html">ABOUT</a></li>
23       <li><a href="contact.html">CONTACT</a></
         li>
24       <li><a href="http://www.vickyhsu.com/">
         HOME</a></li>
25   </ul>
26
27   <div class = showcase>
28       <img id = "show" src="show.jpg" width="
         500" height="500" />
29   </div>
```

Line 1, Column 1

global.css

```
1    @charset "UTF-8";
2    /* CSS Document */
3
4    element.style
5    {
6        padding: 10px; !important;
7        width: auto; !important;
8    }
9
10   .wrapper {
11       width:1100px;
12       height: 500px;
13       margin: 65px auto;
14   }
15
16   #inkfishes {
17       position: absolute;
18       margin-top: -50px;
19       margin-left: 800px;
20   }
21
22   .nav {
23       width: 150px;
```

Friends
Classes
Notifier

My Status

Settings

Options

Hide
Quit

Tab Size: 4                    CSS

# Future Research

Research will include educators

Edutainment

M-learning

Smart TV

Thank you