

DESIGNER + CREATOR + THINKER

Cassie Galvez





CLIENT: Eastern Washington University

PROJECT DATE: January to March 2018

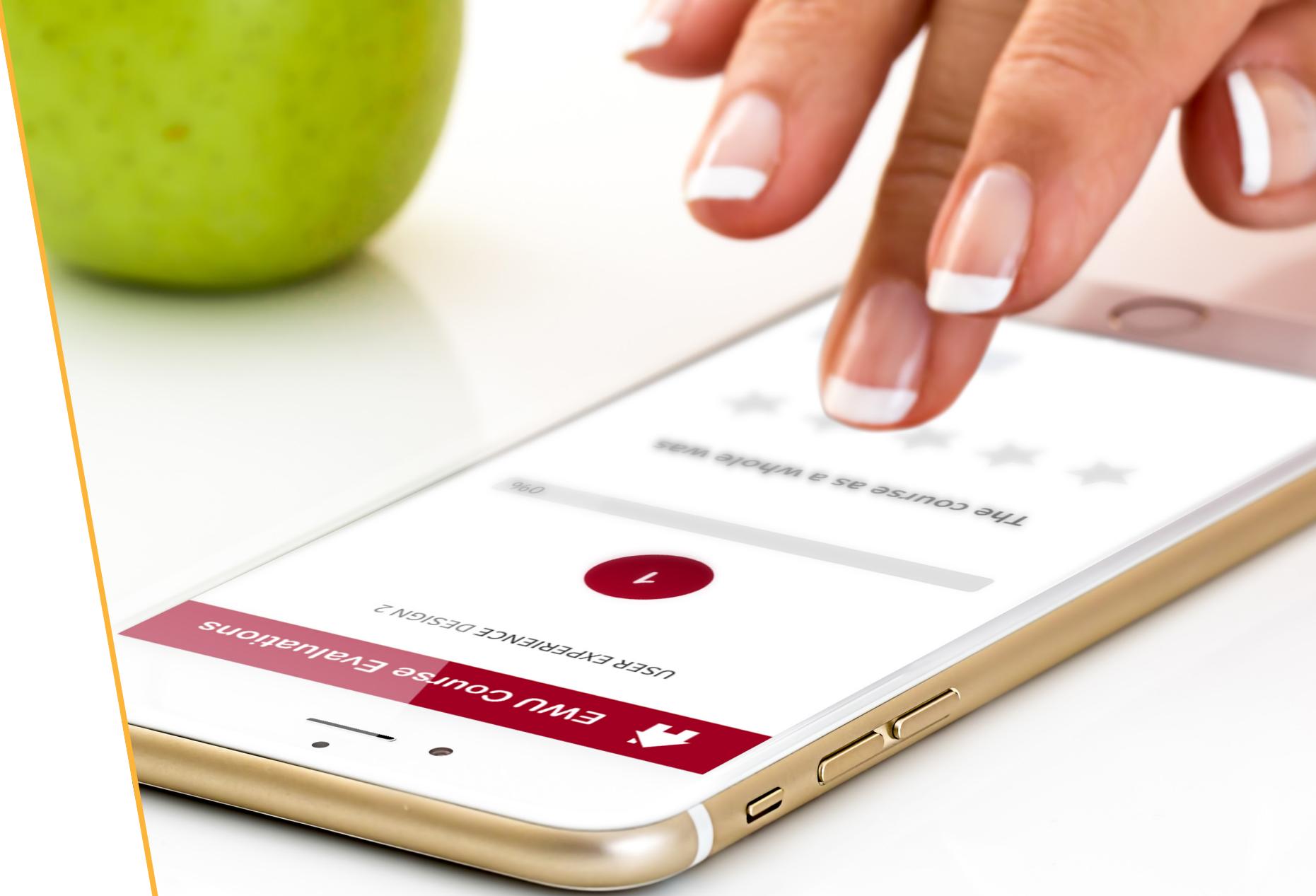
RESPONSIBILITIES: UX/UI Design

TOOLS: Sketch

UX METHODS: Rapid prototypes
Research

COLLABORATORS: P. Colin Manikoth (Instructor)

STATUS: Concept



Course Evaluations

Course Evaluation

Q1 Course Number

Q2 Course Name

Q3 Instructor

Your ratings on these questions will be included as part of the information used to make decisions about retention, tenure, and promotion for your course instructor. Please answer these questions accurately and honestly in fairness to both the instructor and the institution.

Q4 The course as a whole was
1 = Very Poor 2 = Poor 3 = Average 4 = Good

Q5 The course content was
1 = Very Poor 2 = Poor 3 = Average 4 = Good

Q6 The instructor's effectiveness in teaching the subject matter was
1 = Very Poor 2 = Poor 3 = Average 4 = Good

Q7 The instructor's overall contribution to the course was
1 = Very Poor 2 = Poor 3 = Average 4 = Good

Q8 Comments

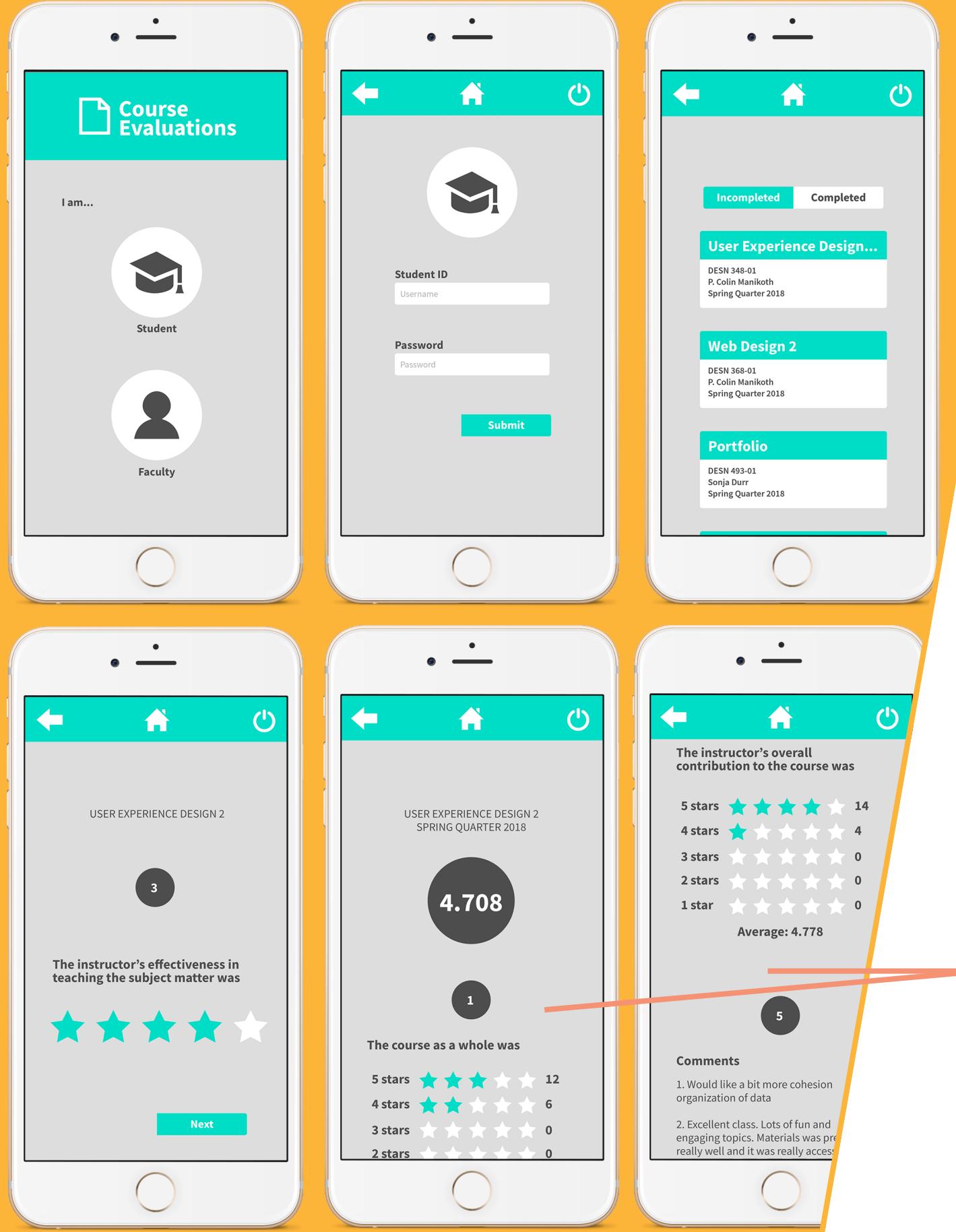
The Problem: Bland, Boring, Blah

EWU's current Course Evaluation form is, for lack of a better word, boring. Most importantly, it's inconvenient. Let's rewind: at the end of each quarter, every professor hands out one Course Evaluation form to each student. The students fill out the forms anonymously, collect their forms, and then turn in to the department. The department secretary then compiles all of the information. The method of this is very analog and old-school, and, did I mention, boring?

The Other Problem: Faculty Calculate Their Own Scores

SUMMARY OF INSTRUCTION EVALUATION						
COURSE:	DESN 468-01	DATE:	Spring 2016			
INSTRUCTOR:	MANKOTH	# OF RESPONSES:	188 / 188			
RATING:	VERY POOR	POOR	AVERAGE	GOOD	EXCELLENT	NO ANSWER
VALUES:	1	2	3	4	5	6
1						4.667
2						4.667
3						4.722
4						4.778
TOTAL OF LINE ITEM AVERAGES						4.708
Comments						
1)Would like a bit more cohesion organization of data. 2)Excellent class. Lots of fun and engaging topics. Material was presented really well and it was really accessible. Collin's ability to present this material was what made this class worthwhile. He made it engaging and gave us assignments that had real world purpose which was really nice to experience. 3)Fantastic course, I'm looking at the IOT in a new way. Coming from Web 1 & 2, I really thought the course was going to be based on purely web code and design. Nice change up. 4)It's always tons of fun to have collin as a teacher. He's funny, and you can tell he's excited to teach you things. I always wish there was a bit more structure. But that doesn't take away from what I've learned. 5)Loved mukay mukay project. More problem solving discourse as a class. 6)It was better than expected and I think I learned a lot from this class in regards to web design. 7)Too many projects crammed into one quarter. Great content, learned a lot. 8)SHIT dopes! 9)More knowledge of what's due and when. More communication! 10)Love the class, learned a lot, and always sad when the class is over. 11)Good stuff. 12)An amazing end to my four years of college. Thank you! 13)Collin is a great teacher for this material. I learned a ton, especially in javascript.						

Each quarter, every faculty member receives their scores compiled into one document like the one on the left. The downside: in order to know their cumulative score, they must calculate it themselves. Pretty inefficient, right?



The Solution: User-Friendly App

The majority of people, especially students, nowadays have a smart phone. Paper is SO last year, and with how many steps the previous method of course evaluations had, a mobile app was the perfect solution. The app allows students to login to auto-fill their course numbers, course name, and professor name. The submissions are still anonymous, and students can keep track of which classes they have or haven't out a form yet. The app also allows every student to fill out an evaluation, whereas beforehand, students had to physically be in class to fill one out.

SUMMARY OF INSTRUCTION EVALUATION							
Course:		DESN 468-01		Date: Spring 2016			
Instructor:		MANIKOTH		# of responses: 188 / 13C			
Ratings:	Values	1	2	AVERAGE	GOOD	EXCELLENT	
1					6	32	4.667
2					1	4	4.667
3					5	13	4.722
4					4	14	4.778
Total of Line Item Averages							
TOTAL SCORE							
4.708							

Comments

1. Would like a bit more cohesion organization of data. 2)Excellent class. Lots of fun and engaging topics. Material was presented really well and it was really accessible. Colin's ability to present this material was what made this class worthwhile. He made it engaging and gave us assignments that had real world purpose which was really nice to experience. 3)Fantastic course, I'm looking at the IOT in a new way. Coming from Web 1 & 2, i really thought the course was going to be based on purely web code and design. Nice change up. 4)It's always tons of fun to have colin as a teacher. He's funny, and you can tell he's excited to teach you things. I always wish there was a bit more structure. But that doesn't take away from what I've learned. 5)loved mukay mukay project. More problem solving discourse as a class. 6)it was better than expected and I think I learned a lot from this class in regards to web design. 7)Too many projects crammed into one quarter. Great content, learned a lot. 8)Still dope! 9)More knowledge of what's due and when. More communication! 10)Love the class, learned a lot, and always sad when the class is over. 11)Good stuff. 12)An amazing end to my four years of college. Thank you! 13)Colin is a great teacher for this material. I learned a ton, especially in javascript.

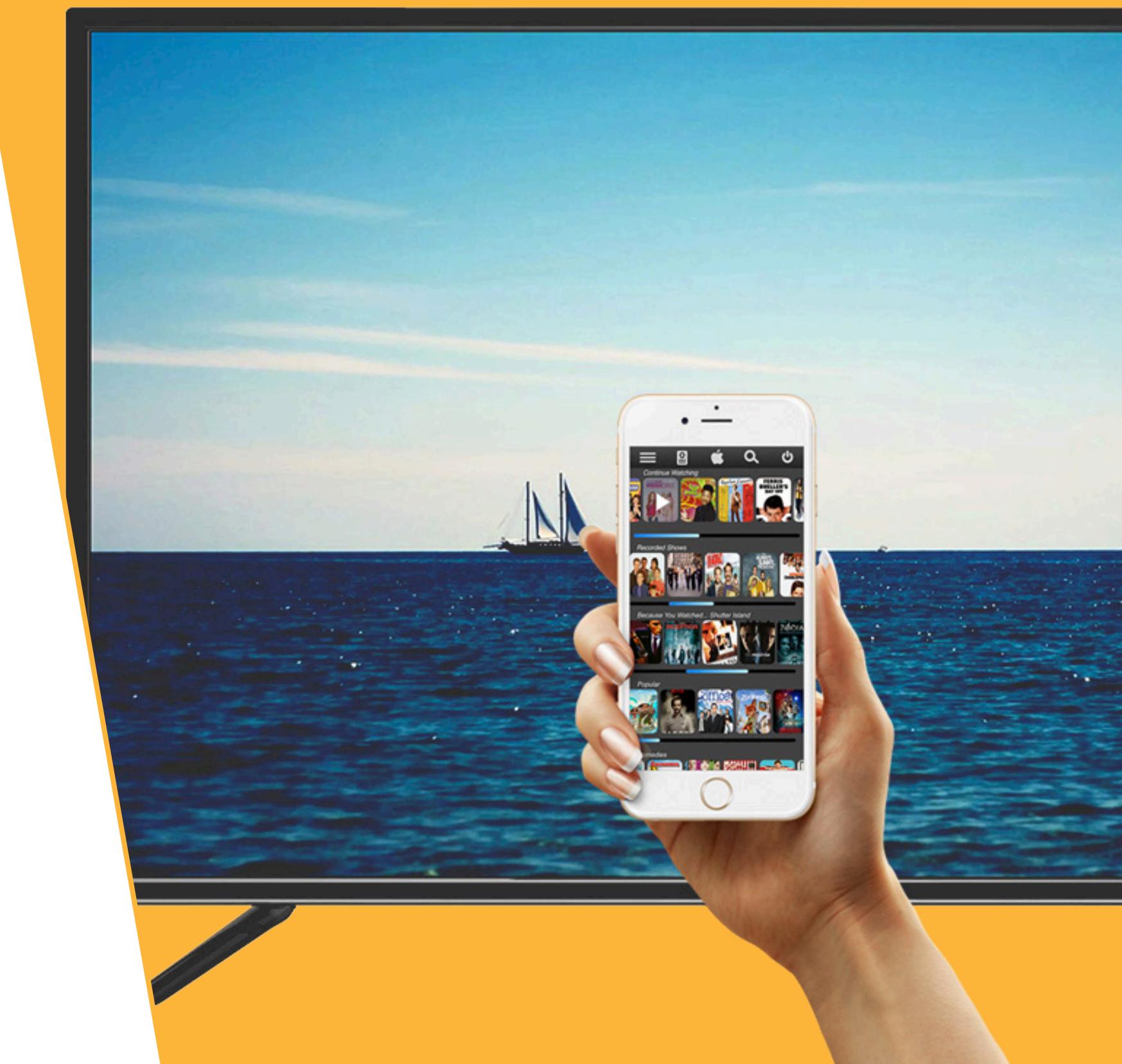
A new feature of the app is the faculty login, where faculty members can view the scores for each class they've taught, as well as view their overall cumulative score. This allows faculty to know what to improve on in their teaching.

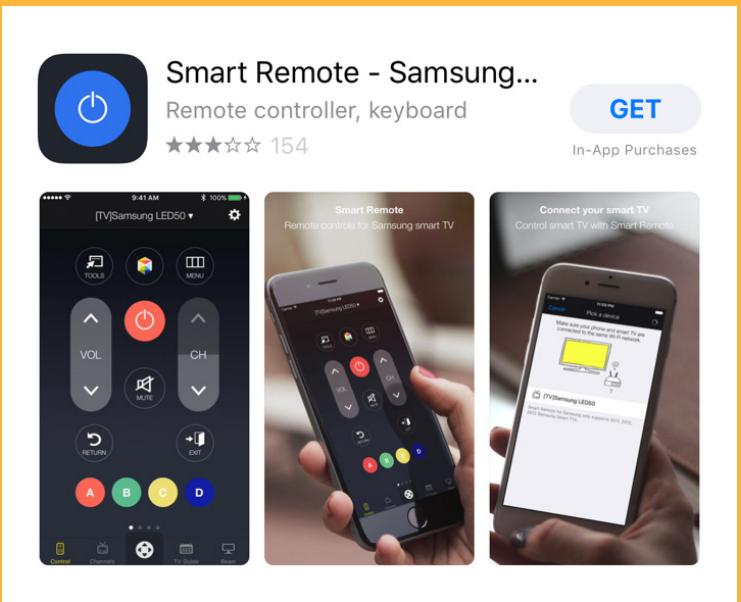
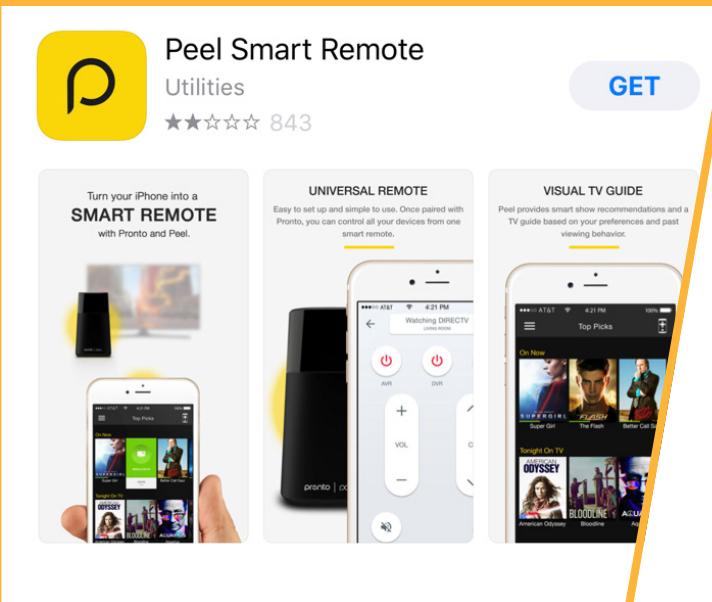
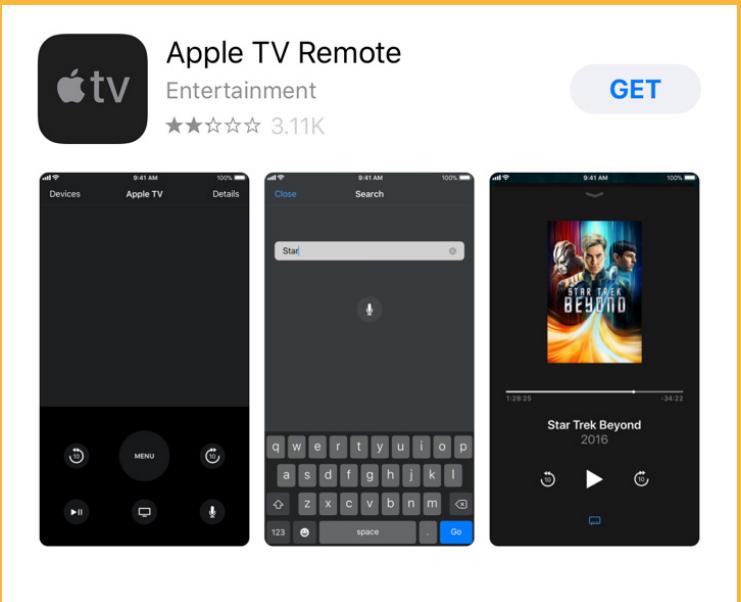




DVR Remote App

CLIENT:	Eastern Washington University
PROJECT DATE:	September to November 2017
RESPONSIBILITIES:	UX/UI Design
TOOLS:	Sketch
UX METHODS:	Rapid prototypes Research
COLLABORATORS:	P. Colin Manikoth (Instructor)
STATUS:	Concept



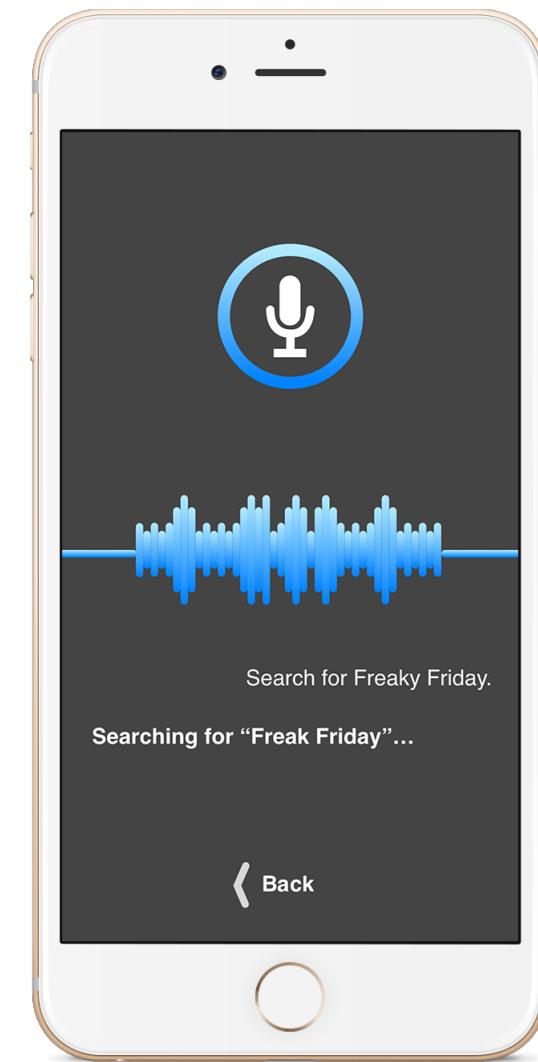
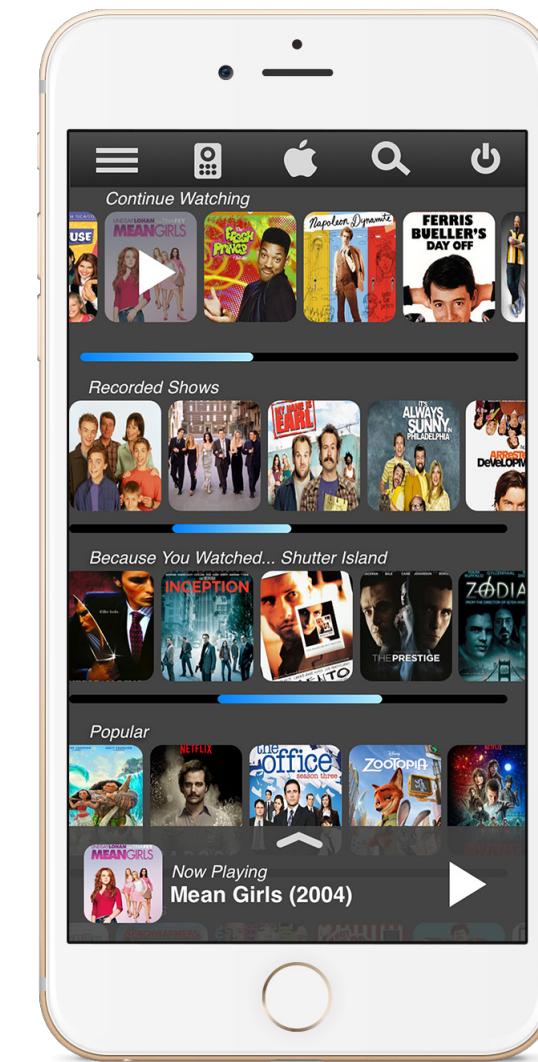
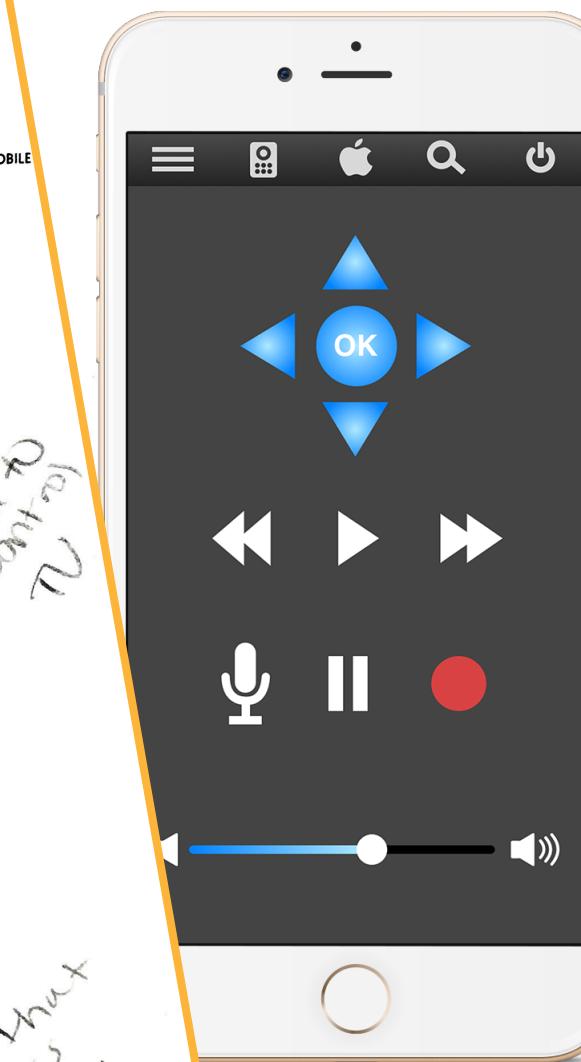
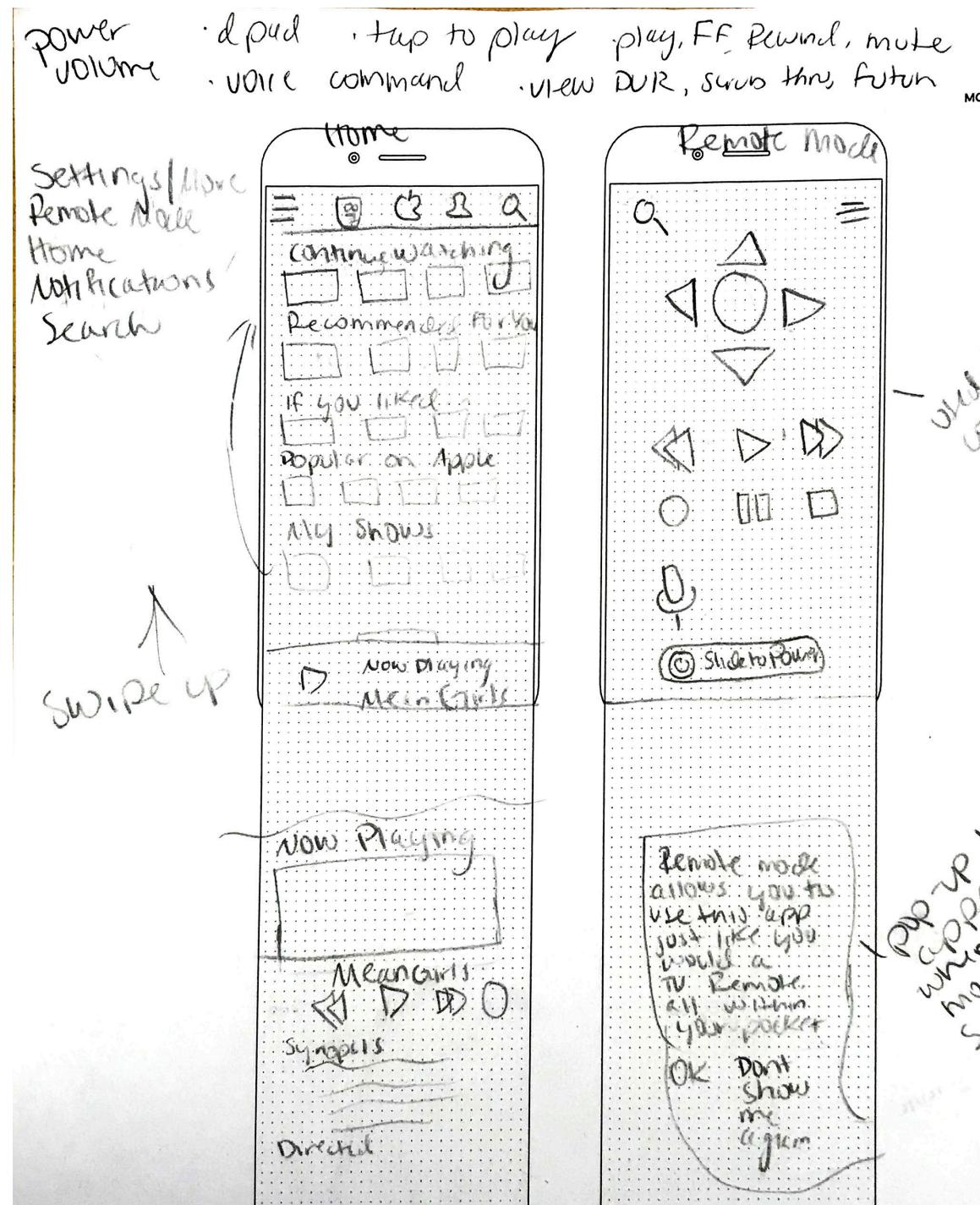
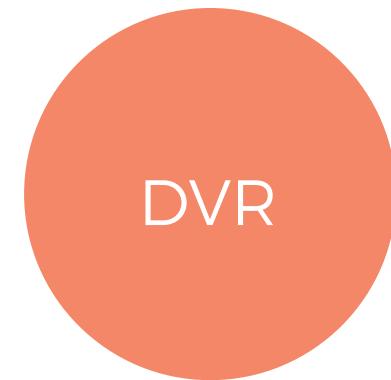


The Problem: Too Many To Choose From

Whatever phone you have, whatever age you are, it's no doubt that being able to control your TV with the device you probably already have in your hand would make life so much easier. The downside: there's too many to choose from, most of which only do one thing: act as a remote.

The Solution: DVR All-In-One Remote App

Features:



UX Rave



CLIENT:	Tom Cruise
PROJECT DATE:	May to June 2018
RESPONSIBILITIES:	HTML, CSS, Javascript
TOOLS:	CodePen.io Leap Motion
UX METHODS:	Physical interaction
COLLABORATORS:	P. Colin Manikoth (Instructor)
STATUS:	Concept



When Digital Meets Physical

1.

The digital component is, of course, the whale, who works by using SVG and Javascript that allow him to follow the cursor around the screen. I also added a neon flashing background to match with the rave atmosphere.

The physical component was done with the help of Leap Motion, which allowed users to use their hands instead of the cursor. The interaction also included sea-themed finger puppets, such as a shrimp or starfish, which acted as “food” for the whale.

```

1
2 var whale = (function () {
3     var element = document.getElementById("whale")
4     , width = window.innerWidth || document.documentElement.clientWidth ||
5     document.body.clientWidth
6     , height = window.innerHeight || document.documentElement.clientHeight ||
7     document.body.clientHeight
8     , fpx = 30
9     , fpy = 4
10    , maxspeed = 150
11    , delay = 15
12    , mouse = {x: width/2, y: height/2}
13    , data
14    , parts
15
16    data = <gradient id="gradient"><gradientTransform matrix="matrix(0 -0.033 111.5 0 -15 300)">
17      <stop id="userSpecifiedColor1" offset="0" stop-color="rgb(0,0,0)" stop-opacity="1.000"/><stop id="userSpecifiedColor2" offset="1.447058232328415" stop-color="rgb(255,255,255)" stop-opacity="1.000"/><stop id="userSpecifiedColor3" offset="2.894117754415181" stop-color="rgb(241,241,241)" stop-opacity="1.000"/><stop id="userSpecifiedColor4" offset="4.341233723421181" stop-color="rgb(255,255,255)" stop-opacity="1.000"/><stop id="userSpecifiedColor5" offset="5.788350812815181" stop-color="rgb(241,241,241)" stop-opacity="1.000"/><stop id="userSpecifiedColor6" offset="7.235467892415181" stop-color="rgb(255,255,255)" stop-opacity="1.000"/><stop id="userSpecifiedColor7" offset="8.682584972415181" stop-color="rgb(241,241,241)" stop-opacity="1.000"/><stop id="userSpecifiedColor8" offset="10.129702052415181" stop-color="rgb(255,255,255)" stop-opacity="1.000"/><stop id="userSpecifiedColor9" offset="11.576819132415181" stop-color="rgb(241,241,241)" stop-opacity="1.000"/><stop 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Kendemoji App



CLIENT: Eastern Washington University

PROJECT DATE: September 2017 to June 2018

RESPONSIBILITIES: UX/UI Design

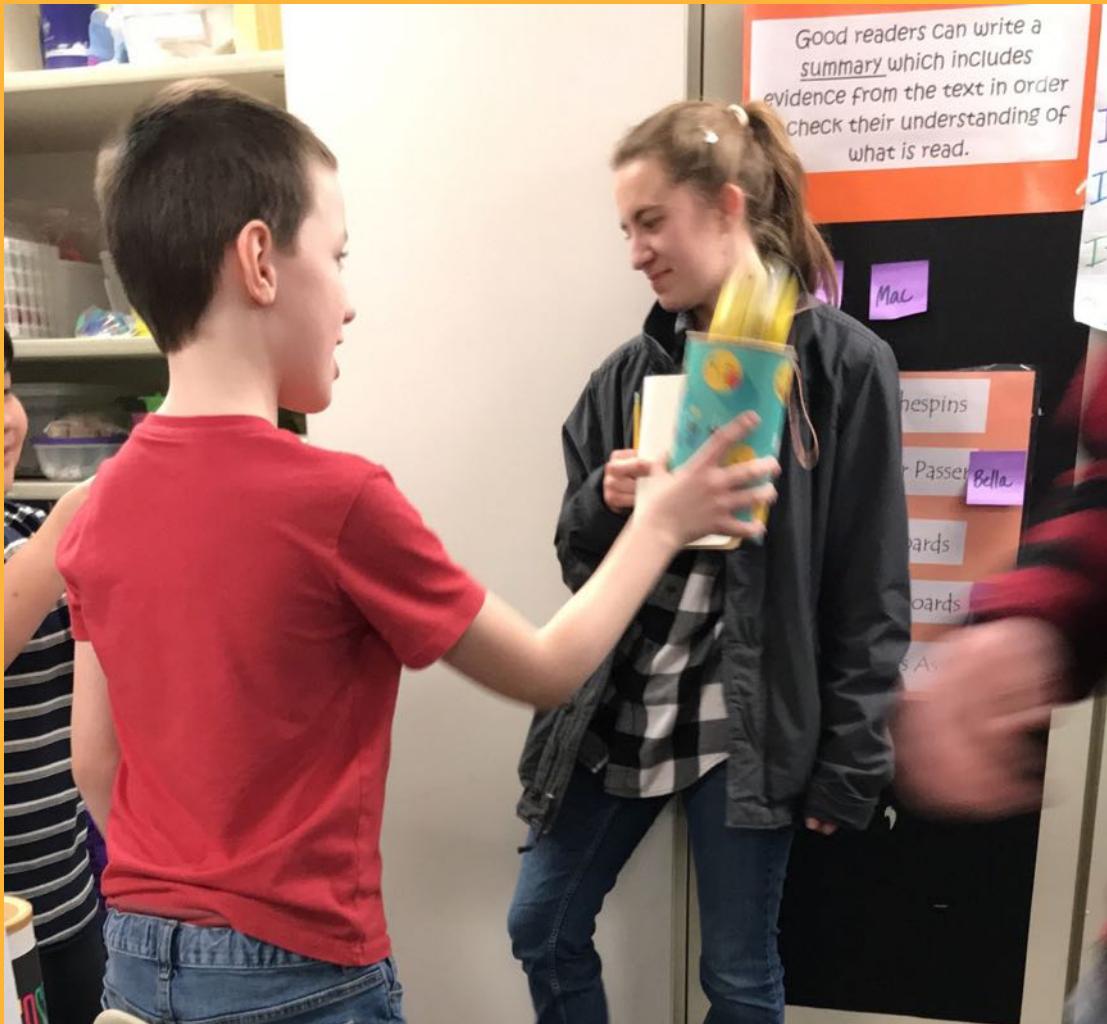
TOOLS: Sketch
Adobe Illustrator

UX METHODS: User testing

COLLABORATORS: P. Colin Manikoth (Instructor)

STATUS: Concept

The Concept: Kendama



The kendama (ball and cup) game is one of the most traditional yet simple games invented. It's also a well-known fact that kids love emojis. The rules of the game is the same as the kendama--try to get the ball into the cup. The difference between the two is that Kendemoji includes a timer, making it even more challenging. Users can challenge themselves or their friends.

Observations

While observing the students playing Kendemoji, I overheard them call it the "Spongebob game" and "awesome!" Some students mentioned how they liked the game, and others pointed out the possibility of the string breaking. They enjoyed the competitiveness the timer added, and, when asked, they said if they could make any game of their own, it'd be a ball and cup game.

“Spongebob!”

“I like this!”

Kendemoji: The App

Kendemoji game originally includes the kendama toy and a timer. The goal is to earn as many “points” as possible under a time constraint set on the timer included. On the app, kids can enter their name as a way to keep track of points and who wins. The app also replaces the timer that the game comes with, because kitchen timers are so 2017. The digital app makes the Kendemoji game more interactive, competitive, and personal.

