

The background of the slide is a dark, semi-transparent overlay on a photograph of four students in a classroom or workshop. On the left, a female student with blonde hair in a bun is looking down at a laptop. Next to her, a male student is writing in a notebook. On the right, a female student with long dark hair is looking at a tablet, and another student with red hair is smiling and looking towards the center. The overall tone is collaborative and focused.

Utilizing Tools for Creativity and Collaboration in Online Project-Based Courses

Johnny Wu, M.S.
Instructional Designer

Brenda Such, Ph.D.
Assistant Director

Center for Online Innovation & Production



Johnny Wu, M.S.

Instructional Designer | COIP

#LearningExperienceDesign

#VisualDesign

#UX/UI

#Gamification

#Collaboration

#Creativity

#Technologies

UF COIP





Brenda Such, Ph.D.

Assistant Director | COIP

#eLearning

#UX

#Agile

#Collab

#Multimedia

#Innovate

UF COIP



PBL-SAVVY

Step 1: Open the address below in your browser



<https://pollev.com/jiazhouwu174>

Step 2: Enter your screen name

Space Gator

[Continue](#)

Step 3: Join & start the poll!



5 Tools for Creativity & Collaboration in Online Project-Based Courses



Power
Point

01



Flipgrid

02



Dropbox
Paper

03



Google
Drive

04



Zoom

05

Tools

PowerPoint



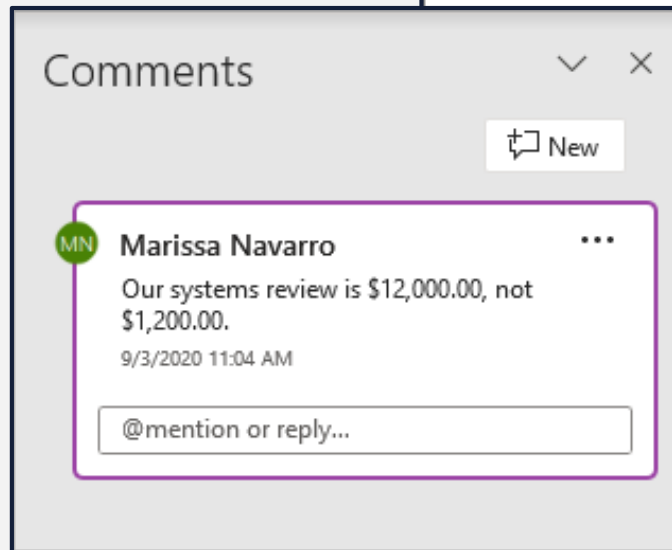
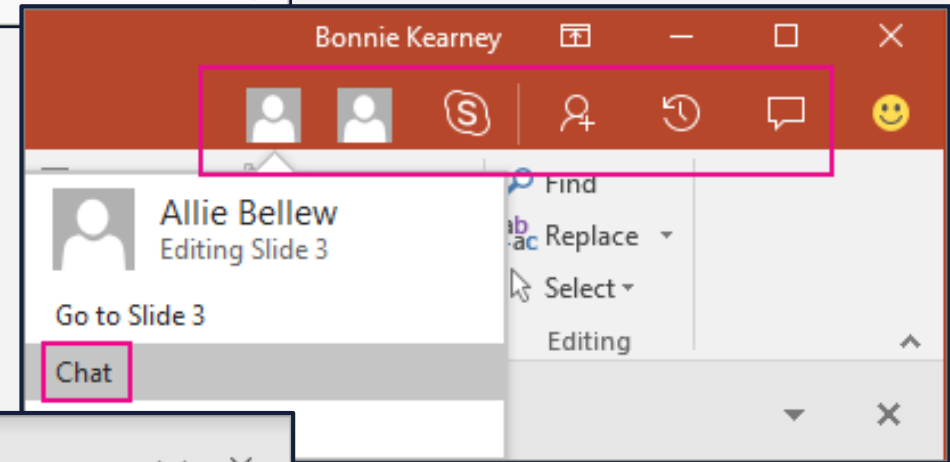
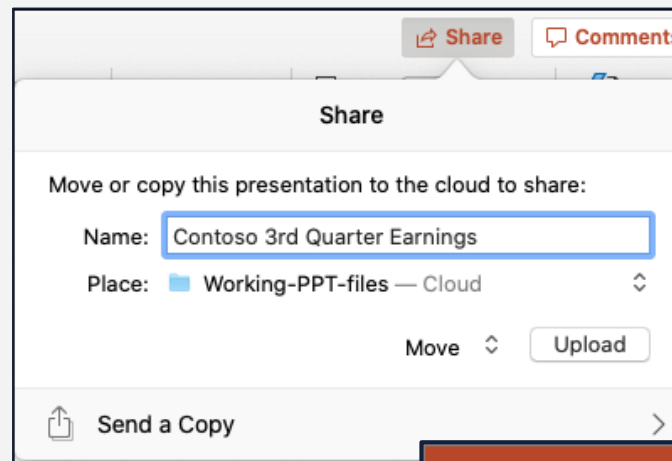
Collaborate on shared projects

Collaborate for free with an online version of Microsoft PowerPoint. Save presentations in OneDrive. Share them with others and work together at the same time.

PowerPoint



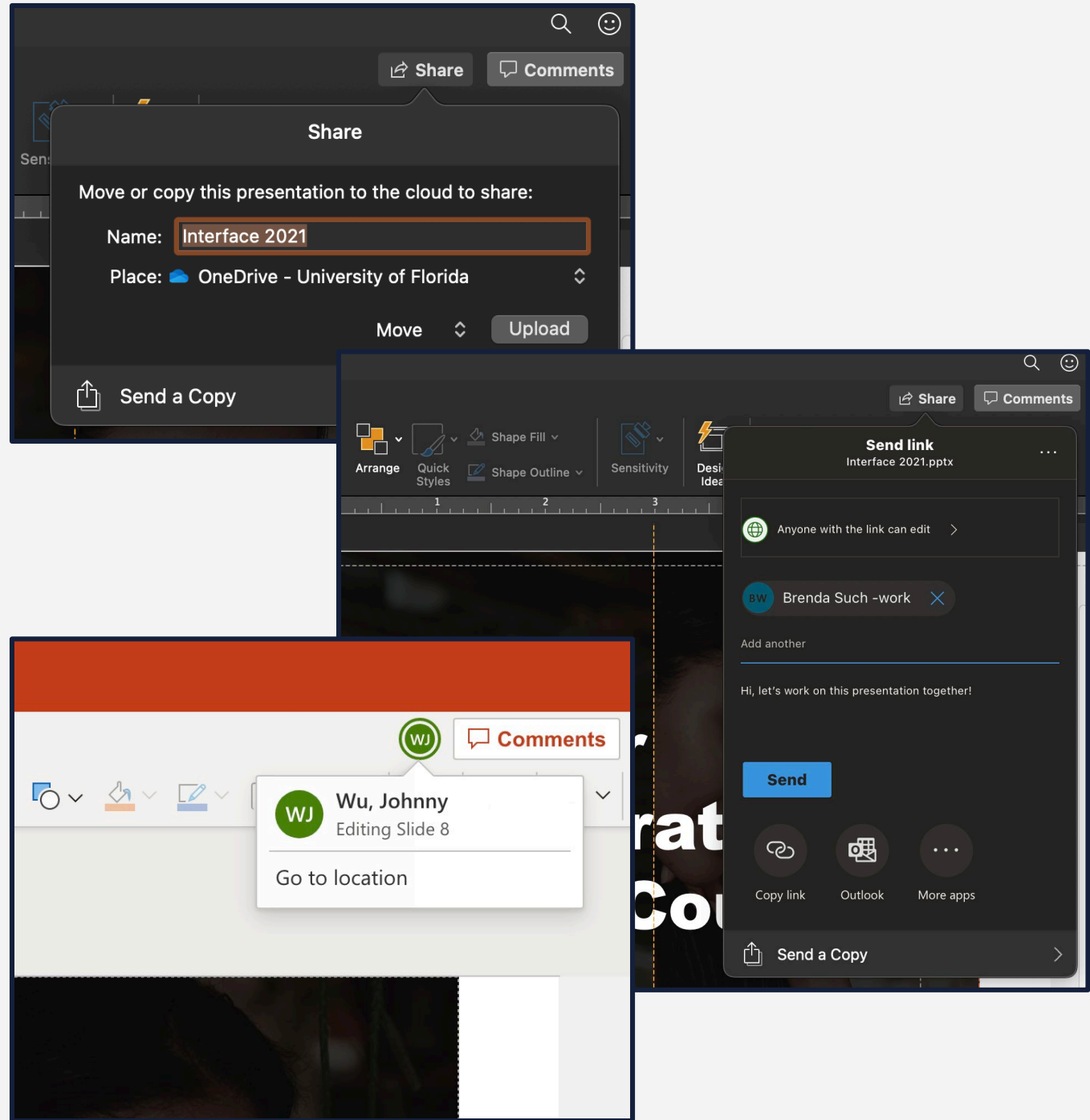
Collaborate on shared projects



PowerPoint



Collaborate on shared projects



Flipgrid



Empower every voice

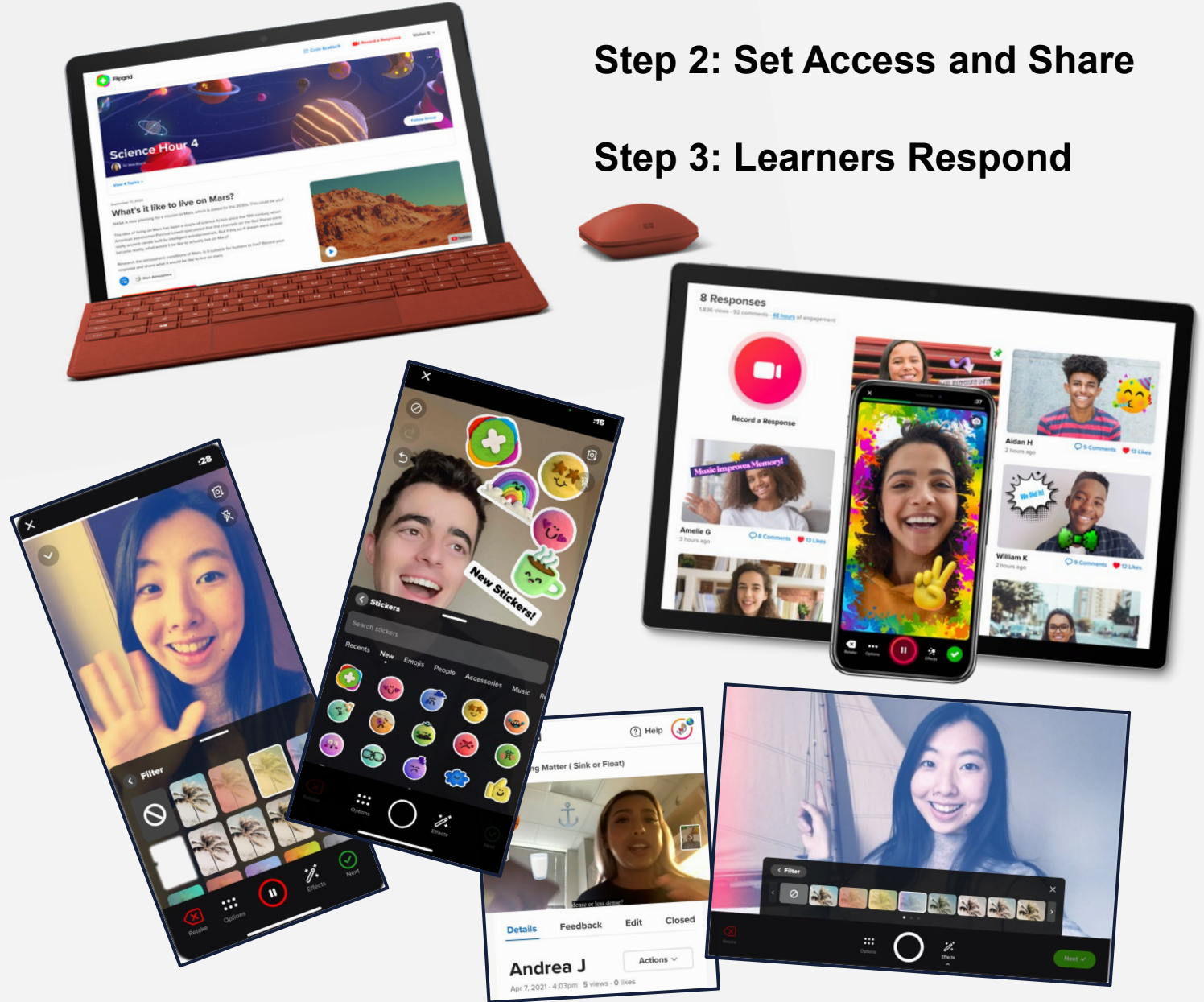
Flipgrid is a simple, free, and accessible video discussion experience for PreK to Ph.D. educators, learners and families.

Create a Topic and engage your community...together!

Flipgrid



Empower every voice



Step 1: Create a Topic

Step 2: Set Access and Share

Step 3: Learners Respond



Flipgrid

Empower every voice

😊 by [Avatar] · October 15, 2020

Josie's Story

*Name 2 safety, quality, or family-centered care concepts from either story.
*Name 2 weaknesses and/or strengths in family-centered care related to either story.
*What positive changes in practice came from these two terrible events.
*How can we as nurses help Sebastian and Josie's messages be heard?

Record a Response

32 Responses
212 views · 0 comments · 9.1 hours of engagement

Record a R

Flipgrid

Record a R

0:01 | 1:30

1 Comment 3 views

Oct 22, 2020

Comments (1)

Add a text comment

Commenting as Jiazhou W.

0/500

Oct 28

Glad you kept an open mind about the area of nursing you want to pursue...it may still change as you start your career.

Dropbox Paper



Real-time editing for teams

Dropbox Paper is more than a doc—it's a co-editing tool that brings creation and coordination together in one place.

Dropbox Paper



Real-time editing for teams

Project: Name of project

Description	What's this project about?
Status	Just starting 🟢 Working on it 🔵 Project done 🟢
Group	Name: @email address Name: @email address
Instructor	Add your instructor's contact information
Related	<ul style="list-style-type: none"> Paste a link to the course syllabus Paste a link to the course project description Type plus (+) to link a Paper doc Paste a link to add a Dropbox file or folder
Due Date	When do you need to finish this project?

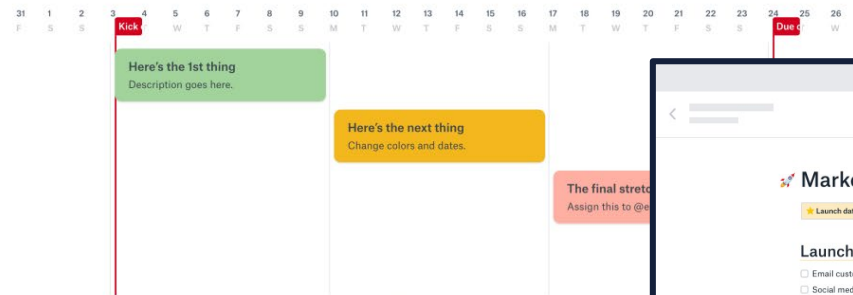
Assignment 🎯

What do you need to turn in for this project?

Plan 📅

Who's doing what? Use the timeline below to keep track of tasks. You can drag and drop to change dates.

June 2019



Next steps 🚶

What will you need to do to finish this project?

- ☐ Find research article
- ☐ Send outline to @email address

Notes 📝

Take group meeting notes here.

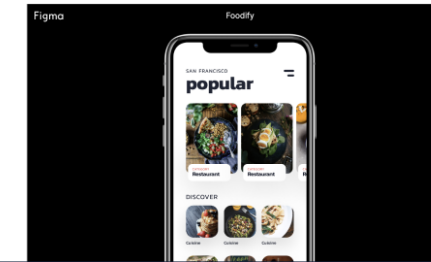
Product Spec: Home screen 1.2

Status	Concept design done 🟢 Ready for build 🔵
Team	Product: @patricia Engineering: @justin Design: @wendy
Related docs	<ul style="list-style-type: none"> Product Roadmap User Research Technical Requirements

Design 🎨

See [Design Exploration](#) for rationale.

Prototype



- @idc what do you think of this prototype? I had to redo a few things that were...
- 1 comment
- @Wendy I I hadn't considered that, good catch, I'll change that in L...

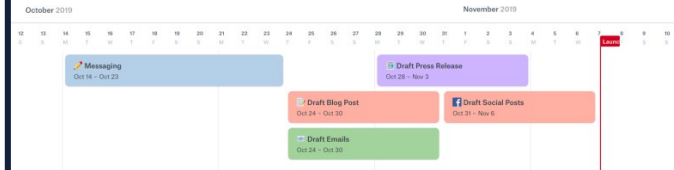
Marketing Launch Plan: Feature 1.0

Launch date: Tuesday, November 7, 2019

Launch day checklist 🟢

- ☐ Email customers @patricia
- ☐ Social media posts @justin
- ☐ Publish blog post @wendy

This, Nov 7
This, Nov 7
This, Nov 7



Overview 📌

Background

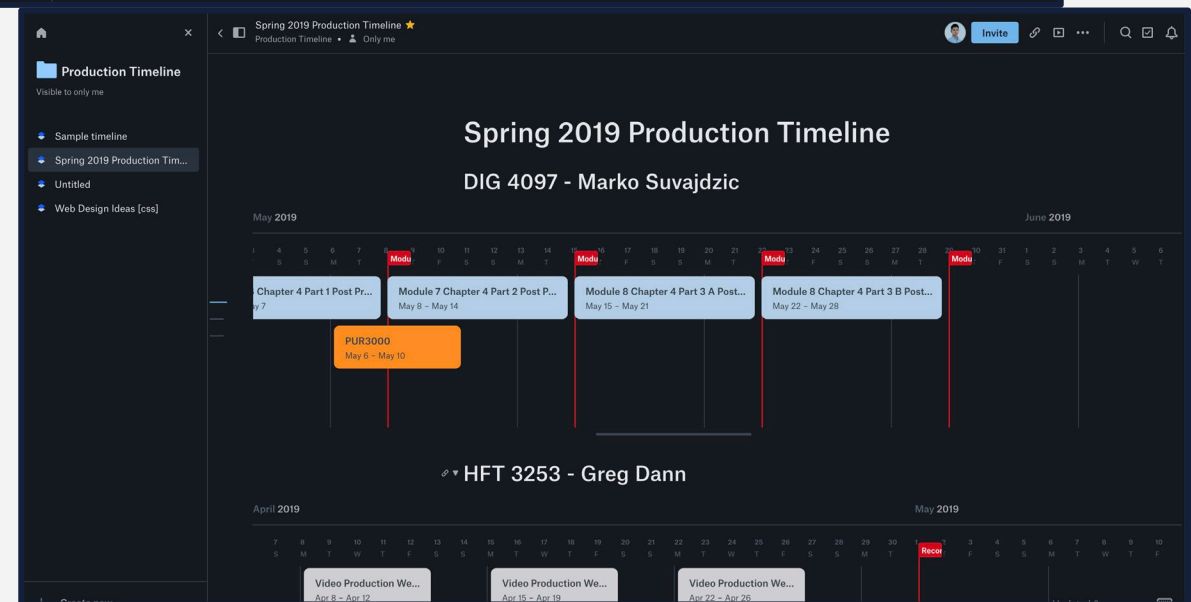
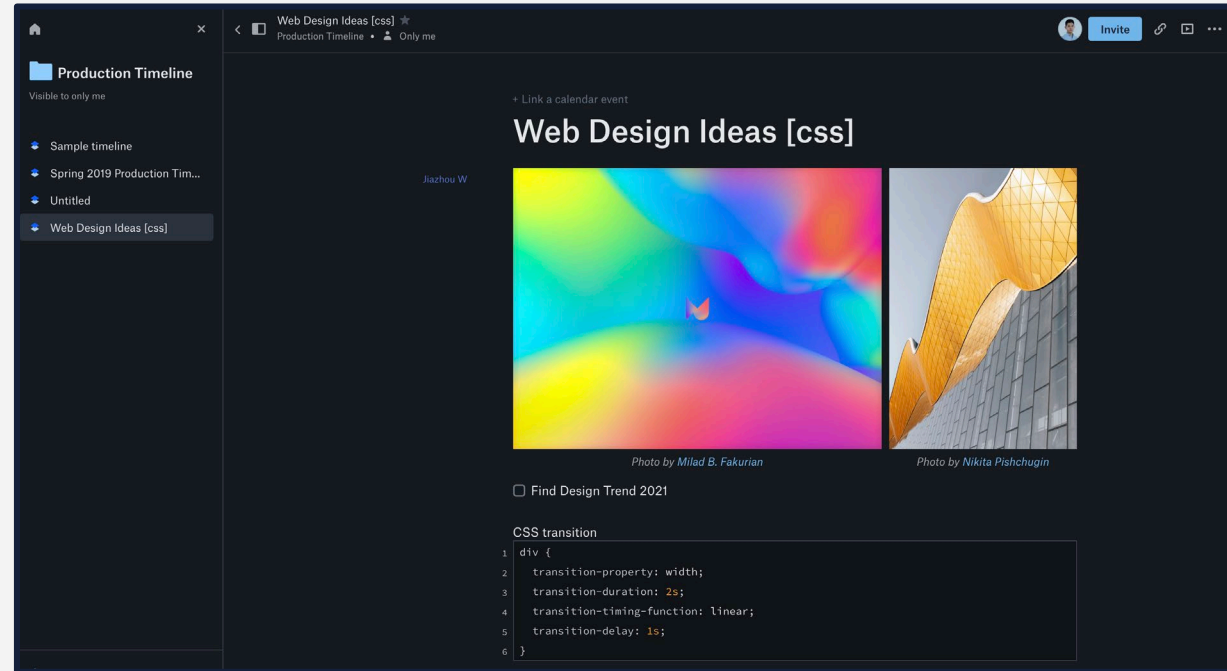
We'll be launching Feature 1.0, one of the features most requested by existing users, to all paid accounts in Q3.

Goals

Dropbox Paper



Real-time editing for teams



Google Drive



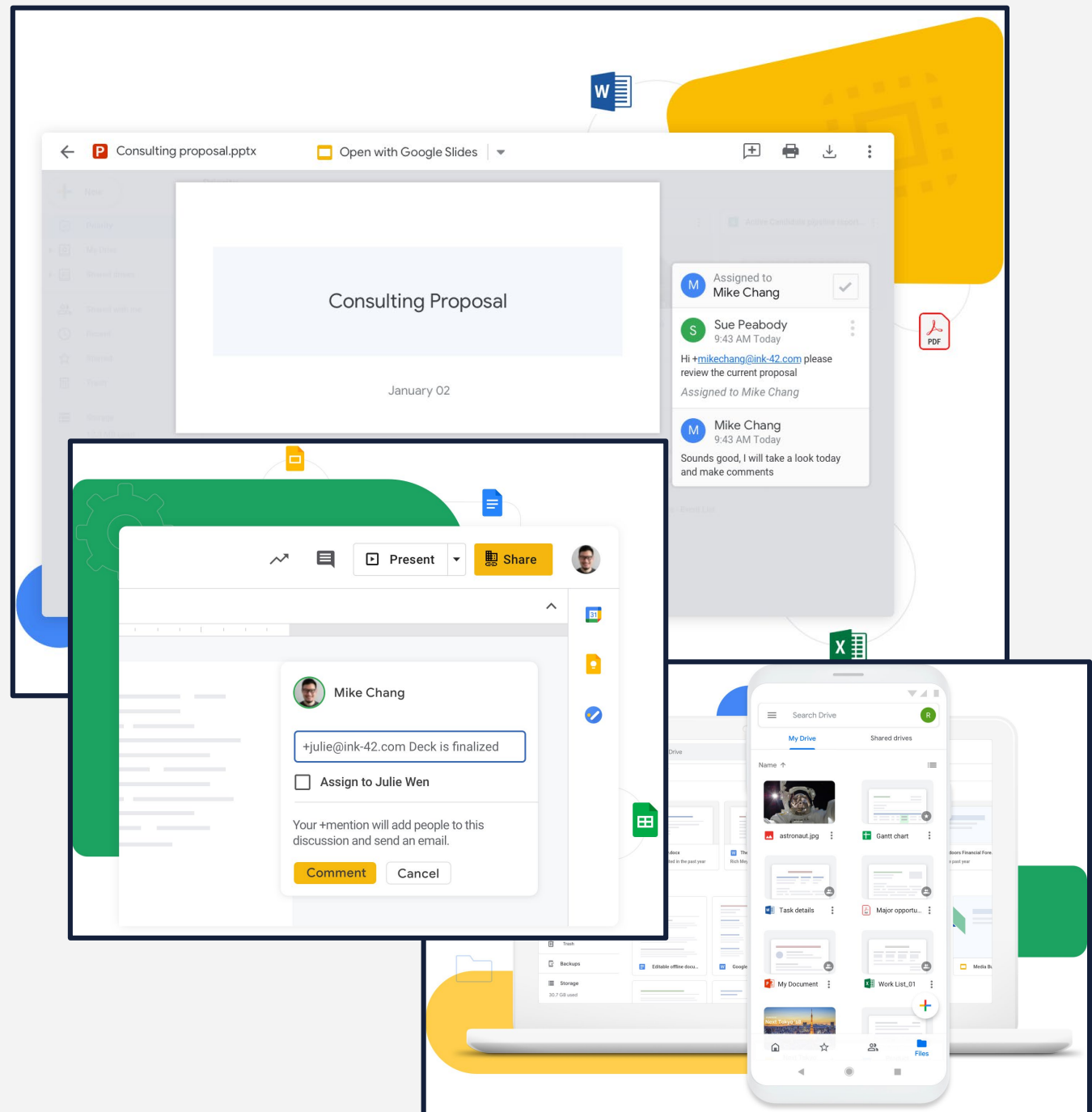
Share work from anywhere

For teams that need to work together even when they're spread across offices and time zones, it's easy to create and collaborate with the entire team.

Google Drive



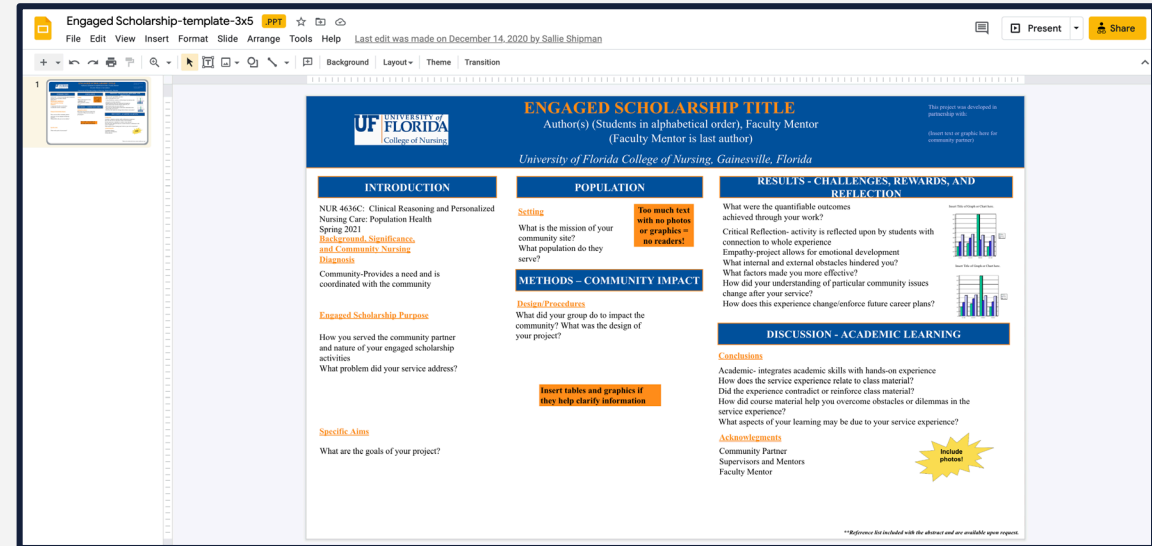
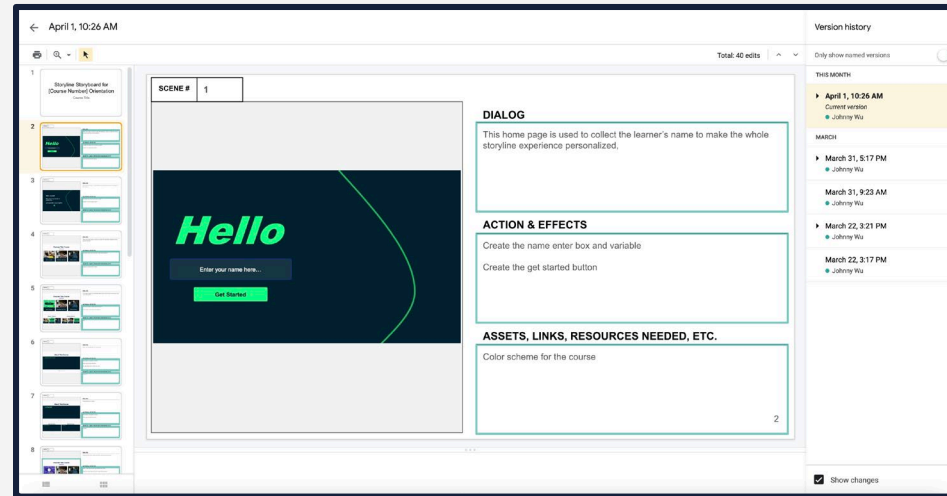
Share work from anywhere



Google Drive



Share work from anywhere



Zoom



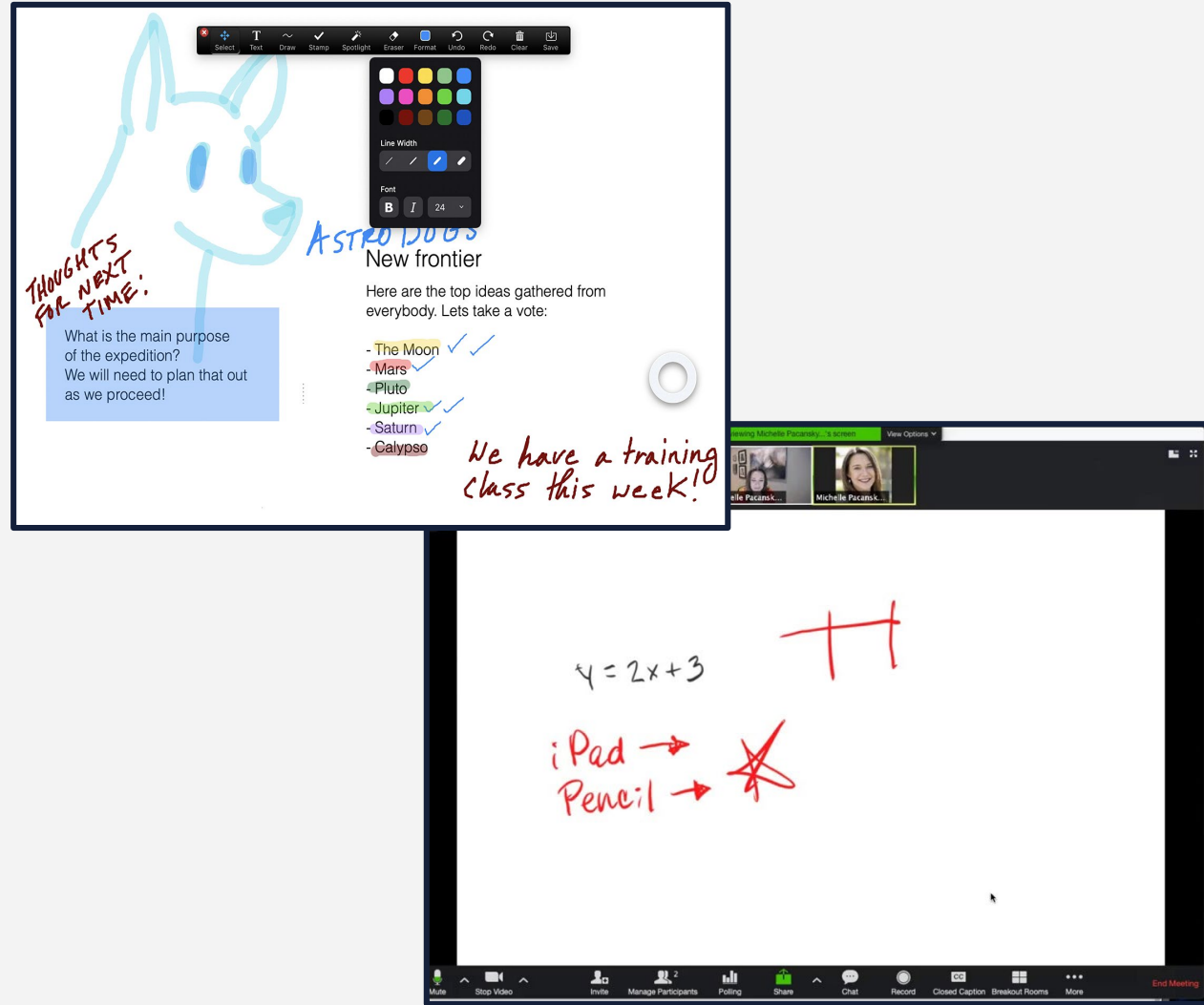
Immersive meeting experiences

Zoom brings teams together in a frictionless environment to get more done. The easy, reliable cloud platform for video, voice, content sharing, and chat runs across mobile devices, desktops, telephones, and room systems.

Zoom



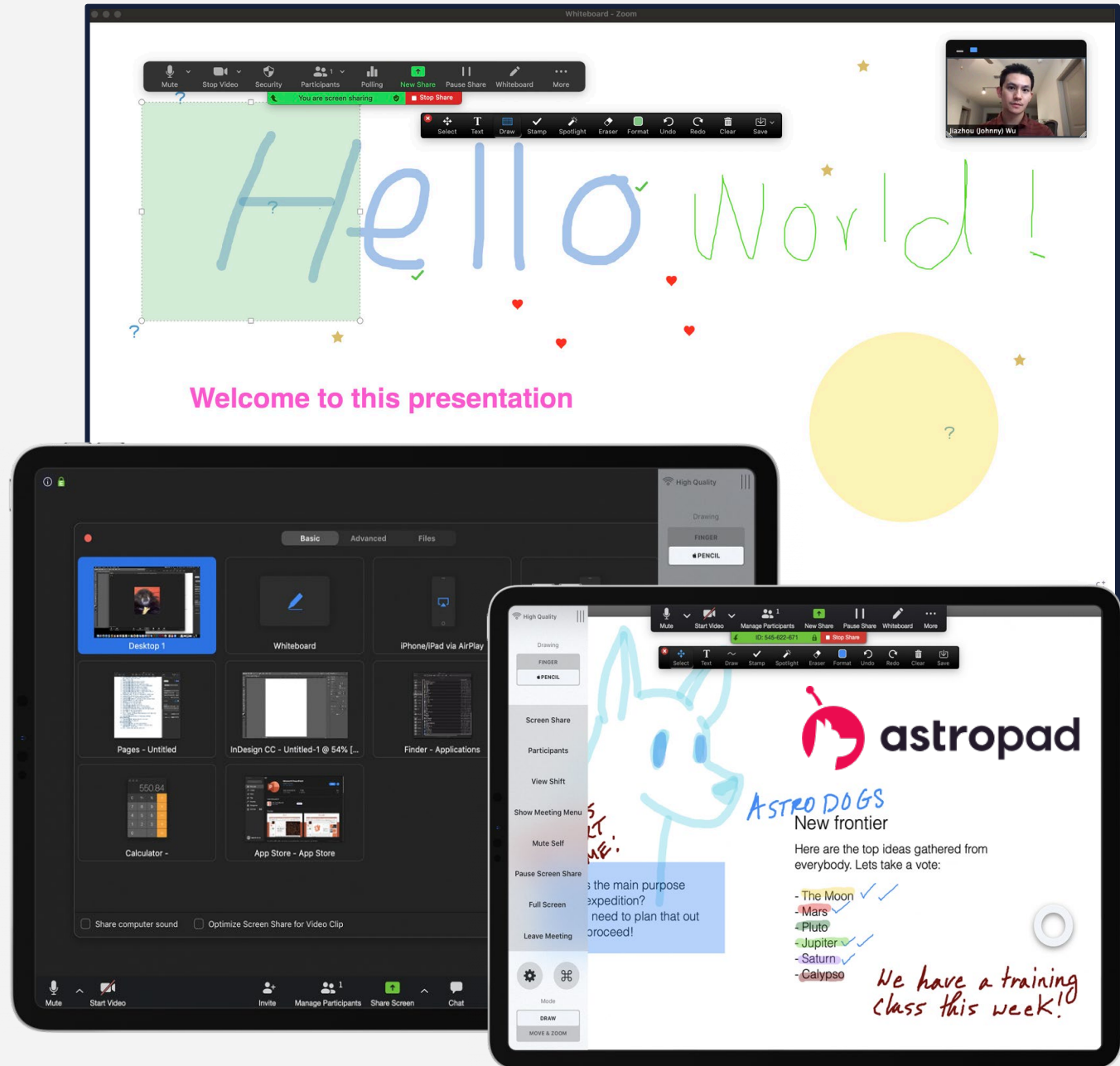
Immersive meeting experiences



Zoom

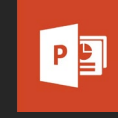


Immersive meeting experiences



Craft Digital Space for Project-Based Learning with 5 Tools

Group Project Presentation



FLIPGRID Code: 41fb47

Jennifer N Jul 16

Lindsay M Jul 16
Why don't college students know the words they should?

Samantha H Jul 16
Assessment of online and distance students

Stefanie P Jul 16
Design Thinking, Open Educational Resources, Civic Education, Digital Citizenship

Susie B Jul 15
Learning how intro videos can affect students' perception of instructors

Susan C Jul 13

Rachel C
What I'm learning about now...

Q3 Outlook

Design functional products to help people get out and experience the world.

- OFFER NEW SERVICES**
We're giving 1-month trials for consumers to test out our new products.
- INCREASED SUPPLY**
Raising our backstock 40% in Q3 to meet Q4 Demands
- OFFER 24/7 SUPPORT**
Headcount increased - 20 new openings

2 of 10

Mute Stop Video Security Participants Share Screen Chat Record Reactions End

Craft Digital Space for Project-Based Learning with 5 Tools

Maps and Diagram



UV sensor (measures distance); can be used with Arduino - m0 or CPX

Adafruit huzzah - for IoT. Some would say this is out's

you will need a base brick, attached to the Arduino Leonardo, 2 the 5 servos. Four of the servos attached to a wheel, and the other attached to a lego flipper that I when in water.

This is assuming that the Arduino Leonardo is waterproof. If the Arduino Leonardo is not waterproof, this is a problem.

This was made out of images, so it looks a bit weird.

If this is confusing you, this is the lego flipper. I made it out of arrows.

Transcript/Notes

	Doing	Feeling	Thinking
1 "I think it's cheaper to buy a large appliance online"			I believe appliances are cheaper to buy online
2 "My house that I was renting didn't come with any appliances so I ended up having to buy a washing machine"		I feel frustrated that house didn't come with appliances	
3 "I went online to compare which washing machines were the best"	I compare washing machines online		
4 "I ended buying my washing machine from a local retailer instead of a big retailer"	I purchase appliance from local retailer		
5 "My parents recommended me to buy from the local retailer"	I receive a recommendation where to buy from my parents		
6 "Local retailer was price competitive. I knew they would be able deliver it and install it at no extra price"		I feel reassured that the retailer would install the washing machine	
7 "I would have bought it from a big retailer but I was annoyed at the extra charge for installation"		I feel annoyed at extra charge to pay for installation	
8 "I looked at what brands were the best on the market. Then I found a similar product from the same brand the local retailer was offering"	I pick a washing machine brand I like		
9 "I had to call the retailer at some point to arrange the installation. I couldn't take work off so I arranged it to be delivered at the weekend"	I call retailer to arrange installation		
10 "The retailer didn't usually install washing machines at the weekend but they made an exception for me. I was so happy they accommodated me. I would recommend them to any of my friends"		I feel happy that local retailer made an exception	

Initial Brainstorm

VIRTUE

- Public health/healthcare in developing world
 - BRAC
 - Maternal health kit
- Using popular events to bring attention to history/culture/other worldviews thought experiments
 - Ruth Carter's work on Black Panther
- Culture design, history brought in medium people now willing to access (social/fun/fun)
 - The Good Place
- Morality, mortality, interpersonal relationships

ARE

- Larger than life pieces (NYC, Paris)
- Nature Instagrams

SKILL

- People
 - Dreamers + Visionaries
 - Nontraditionalists

Discarded

MATLAB/BRAC

- Some way to get people who have skill involved in exposure to various projects?
- E.g. some kind of social/academic network? This looks consulting/advisory work?
- Or promoting awareness/care in people who have the right skills
- Being able to simplify the problem, break down big issues to people who can help, and make them feel like it's more approachable
- Already lot of foundations that offer huge prize money to come up with solutions for these problems
- Key issues: exposure, uptake, sustainability
- Goal - Inland Entrepreneurship Challenge

Popular Media

- Key issue: trying to get people to care about topics that don't usually seem interesting
- Solutions: Relate to person, put in perspective to their lives, positive association (presenting in conjunction with something people are already excited/passionate about), straight up money and publicity lol
- Moving forward, we can brainstorm potential topics that we should be paying more attention to but don't
- Final?

Inspiration from Public Spaces

- Creating a physical space that encourages students to branch out, exchange with each other (honesty)
 - Example: The Victor Hudson Yards, NYC, UC Multicultural Center plans
 - Creates new view of same landscape
 - Encourages people to meet
 - Strongly connected with others because you see the world from a perspective that is not just your own
- Makin Athletic Center (MAC)
 - Spacious and open
 - Exercise area integrated
 - Feel strongly fully functioning 2nd floor
- Smith Center
 - Not as social
 - Not good for student orgs
 - Apps for all Smith Center resources
 - Interactive screen / calendar / who to reach for certain questions
 - Website not a clear resource

Smith Center Revamp

SMITH CENTER RE-IMP

- Fun
- Relaxing (absence of stress)
- Communal
- Stimulating
- Inviting
- Games (chess?)
- Inventory of board games
- Clarify presence in the area (Maybe) disallow public
- Monthly rotation
- Academy with Leadership of Harvard Students
- Rotating Calendar of Events
- Performance Space + Venue
 - Open Mic
 - Competitions
 - Showcase for Student Notes
 - Art Room
 - Barista + Pub
 - Nighttime trivia pub
 - Karaoke
 - Trivia night (messy)
- Second Floor: Study Space, First Floor: Main Social, connectable space
- Movie Theater
 - Movie night
 - Super Bowl streamings
 - Strong performances
- Headphones cable instead of Blackbird (new Queen's Head)
- Issues:
 - The communal (shared) seating is often occupied by the public, rather than students. The public are less likely to know each other, leaving it into a more individualistic space.
 - Let's email the architect who designed it!

Smith Center Ceiling Screen

FUN

- Scoreboard for arcade nights
- Interactive gaming
- Movie nights with ceiling projection

AWE

- Expansive space (Oculus effect): galaxies, nature, etc.
- Weather (if it rains, make it sunny) - inspires community

Binary World: Technology Lab floor responds to user interaction

Artistic clouds and a clear sky for when it's gloomy outside

Let's email the architect who designed it!



Craft Digital Space for Project-Based Learning with 5 Tools

Project Management

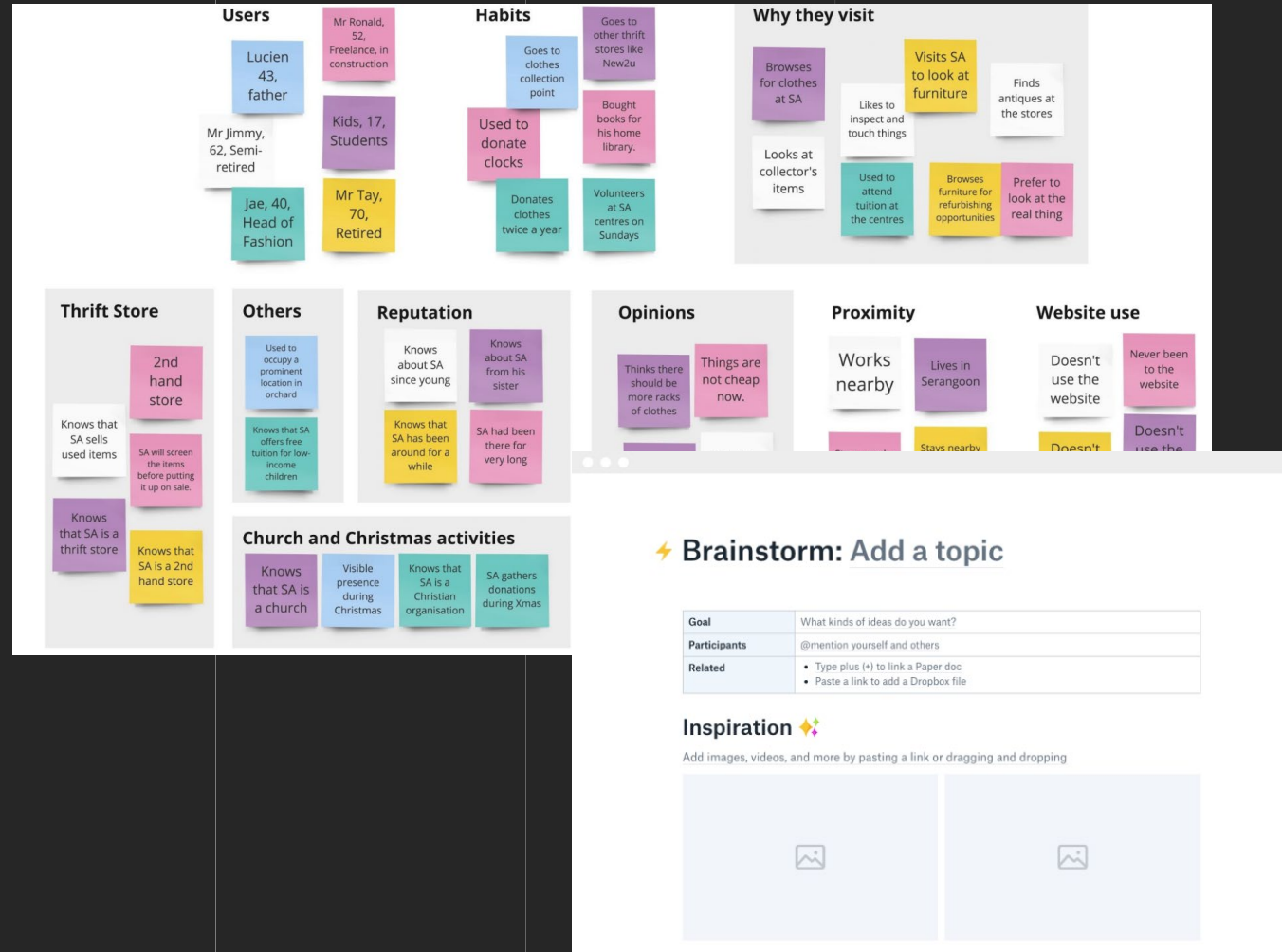


The screenshot displays a project management dashboard with several key sections:






- Creative Brief: Project Name**: A section for project details, including an image placeholder and an overview.
- Launch Plan: Product Name**: A timeline view for April 2019, showing tasks like "First thing" (Mar 21 - Mar 31), "Second thing" (Mar 25 - Apr 7), "Discuss thing" (Apr 1 - Apr 7), and "Review" (Apr 8 - Apr 14).
- Overview**: A section for project overview, including a "What's this project about?" section with bullet points and an "Audience" section.
- Meeting Notes: Add a topic**: A section for meeting notes, including a date (June 22, 2019), action items, attendees, agenda, and discussion.
- PROJECT TIMELINE TEMPLATE**: A detailed Gantt chart template for project management, showing stages like Project Conception and Initiation, Project Definition and Planning, Project Launch & Execution, Project Performance & Control, and Project Close.

Craft Digital Space for Project-Based Learning with 5 Tools

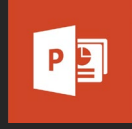
Brainstorm Ideas



Q & A

Power Point	Flipgrid	Dropbox Paper	Google Drive	Zoom
				
01	02	03	04	05

Takeaways



[Work Together on PowerPoint Presentations](#)



[Getting Started with Flipgrid](#)



[Guide to Dropbox Paper](#)



[UF Google Assignments LTI](#)



[Sharing a Whiteboard](#)

The background is a collage of four photographs showing students in a collaborative learning environment. On the left, a young woman with blonde hair in a bun looks at a laptop. In the center, a young man with dark curly hair is writing in a notebook. To his right, a young woman with long brown hair is smiling. On the far right, a young woman with long dark hair is looking down at a tablet. A large, bold, white 'Thank You!' is centered over the collage.

Thank You!

Center for Online Innovation & Production