

# Flipgrid

## UX Case Study

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UX Engineer, Flipgrid (2016-2017)



## Project Overview

Flipgrid (now known as Flip) is a software application used by educators and students to facilitate social learning through video-based classroom discussions. Flip has been downloaded by over 30 million students in 180+ countries, and was acquired by Microsoft in 2018.

## The Problem

Social learning through interactive, discussion-based projects can be difficult to facilitate in both physical and remote classrooms. Introverted students may not feel comfortable speaking up in a larger group or classroom, presenting challenges with social learning.

## The Goal

The mission of Flipgrid is to “bring the back row of the classroom to the front” through inclusive video-based discussions, helping introverted students find their voice and explain their thought process through social learning.

## My Role

### UX Engineer

## My Responsibilities

Designed and developed interactive web interfaces used to create and manage video-based assignments in K-12 and university classrooms.

## My Tools

HTML  
CSS  
React.js  
WebRTC

# Outcomes & Results

Flipgrid has evolved into a popular choice for educators in K-12 and university classrooms from all over the world.

After being acquired by Microsoft in 2018, the Flipgrid video player my team designed and developed transitioned to Microsoft's Video Experiences team. It is used in common workplace and education software such as Microsoft Teams, Microsoft OneNote, Google Classroom, and Canvas LMS.

# My Work



## Recorder/Camera

Developed web based camera and recorder used to capture video responses.

 Video Recording

 Video Slicing

 Notes/Annotations

 Emojis/Reactions

# My Work

## Student UI

Developed interface for students to access discussion topics and post video responses.

 Mobile Recording

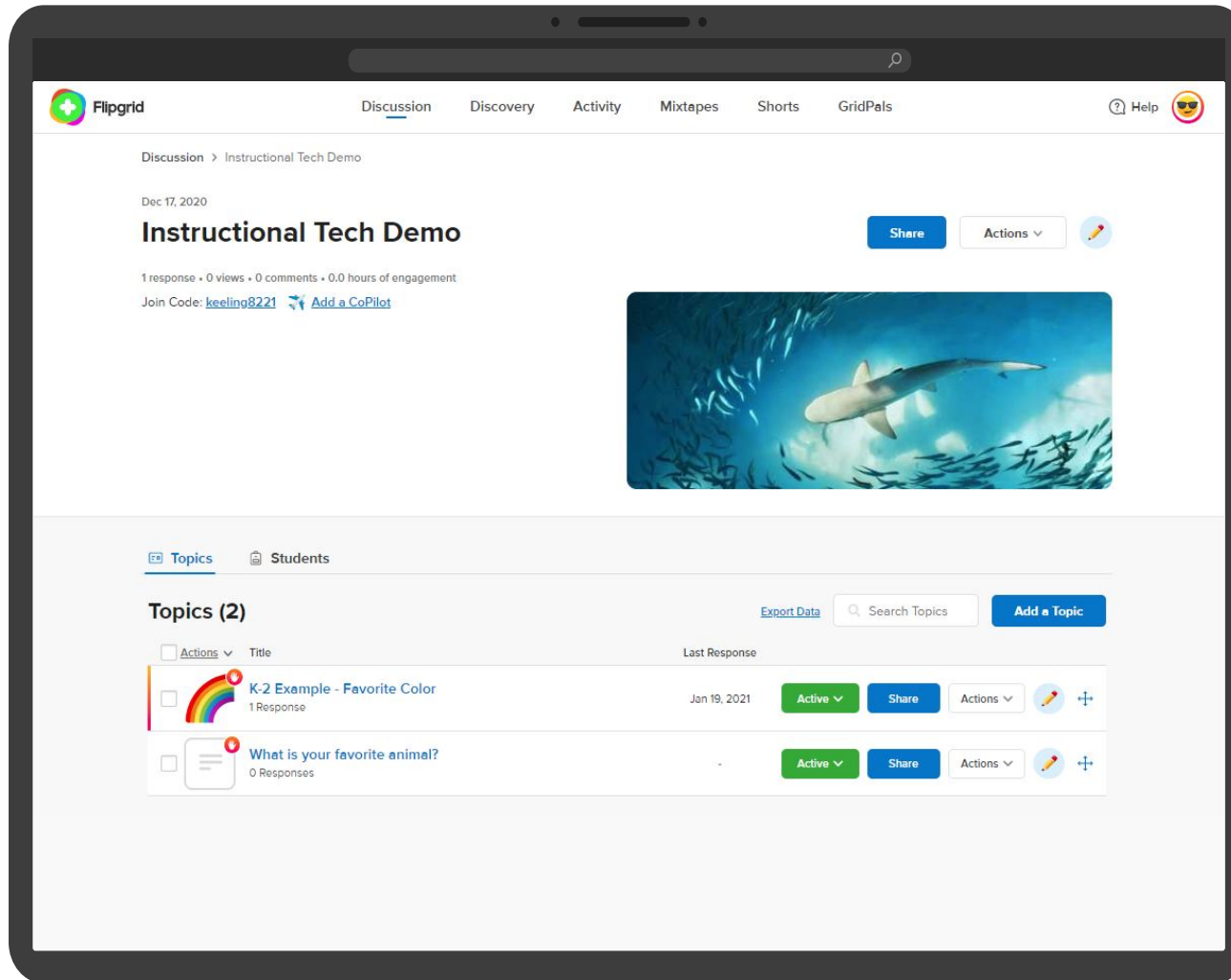
 Peer Responses

 Group Assignments

 Emojis/Reactions



# My Work



## Instructor UI

Developed instructor interface for creating and grading video based assignments

📺 Individual Assignments

✂️ Group Assignments

✍️ Grading/Feedback

😊 Course Templates

# My Work



## Integrations

Collaborated with Microsoft, Google, and Canvas to build platform integrations

 Microsoft Teams

 Microsoft OneNote

 Google Classroom

 Canvas LMS