Study Together: Fall Demo

Citrix are for Kids! 28 November 2016

Introduction

- Company Mentor: Citrix
- Team Name: Citrix are for Kids!
- Members
 - O'shea Anaya
 - Shadee Barzin
 - Andrew Ferguson
 - Brendan Murphy
 - Peter Werner

Problem Statement

- Students spend a lot of time collaborating with peers, teachers, and TAs
 - Group projects, study groups, and review sessions
- Finding a group to study with is difficult, especially if you don't know people in the class
- Physically meeting can be a hassle
 - Finding a space large enough for the group
 - Non-traditional students: parents, working students, etc. find it hard to meet with others
- Aim to make studying with your peers significantly easier

Solution Design

- Platform for groups to collaborate with one another remotely
 - Video chat
 - Text chat
 - Collaborative document editing
- Video chat allows for face-to-face interactions
- Google Drive integration for real-time collaboration using Docs, Slides, Sheets
 - File list specific to session
- Persistent text chat in between sessions
 - Sharing links, sending messages to other users, coordinating study time

Future Features

- Class pages as a hub for classmates to connect with each other
 - Students create public study groups connected to a specific class or subject
 - Other students looking for people to study with, can join a pre existing session
- Class pages also provide a forum for filesharing
 - Students upload Google Drive files for classmates to view
 - Can share lecture notes, study sheets, etc.
- Built-in smarts to provide most useful/helpful files

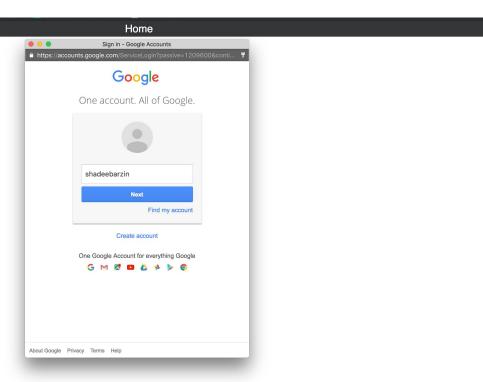
Technologies Employed

- NodeJS
 - Server backend
- ReactJS
 - Client app
- PeerJS & WebRTC
 - Peer-to-peer video
- Firebase
 - Firechat text chat
 - Database and signaling
- HTML/CSS3
 - Bootstrap
 - Ul and styling

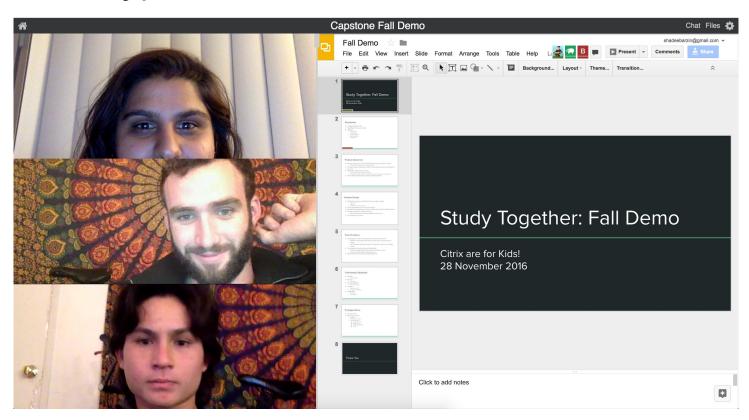
Home

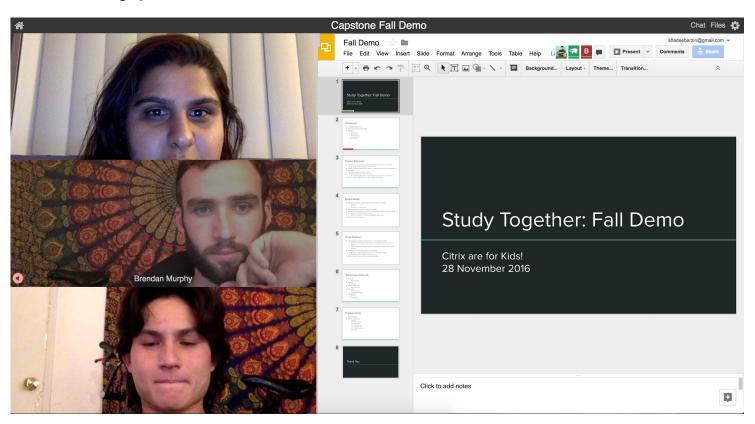
Welcome to Study Together

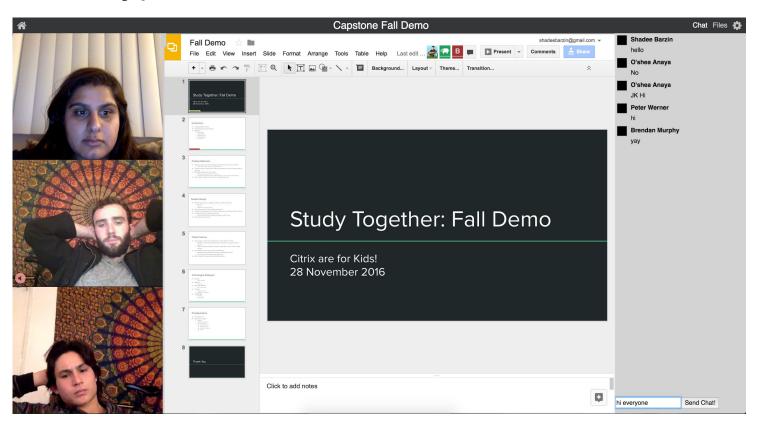


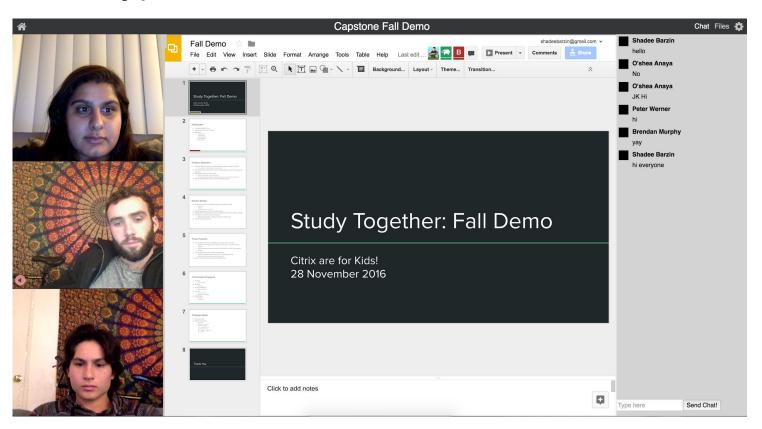


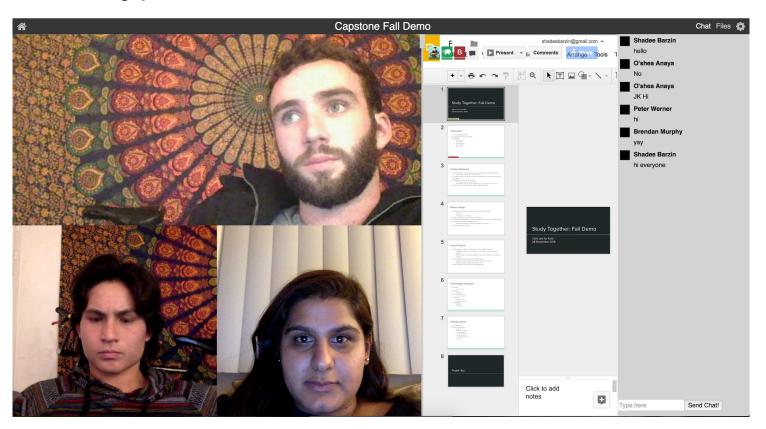












Thank You