

Microsoft Engage 2021

Microsoft Teams Clone

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Agile Method in my Teams Clone Project

SPRINT 1: DESIGN WEEK

Research work on technologies and frameworks that can be used and designed a high-level architecture for the project.

SPRINT 3: BUILD WEEK 2

Completed the building process by solving issues in the previous build and building the frontend for the project.

SPRINT 2: BUILD WEEK 1

Finalized the frameworks and started working on the backend first.

SPRINT 4: ADAPT

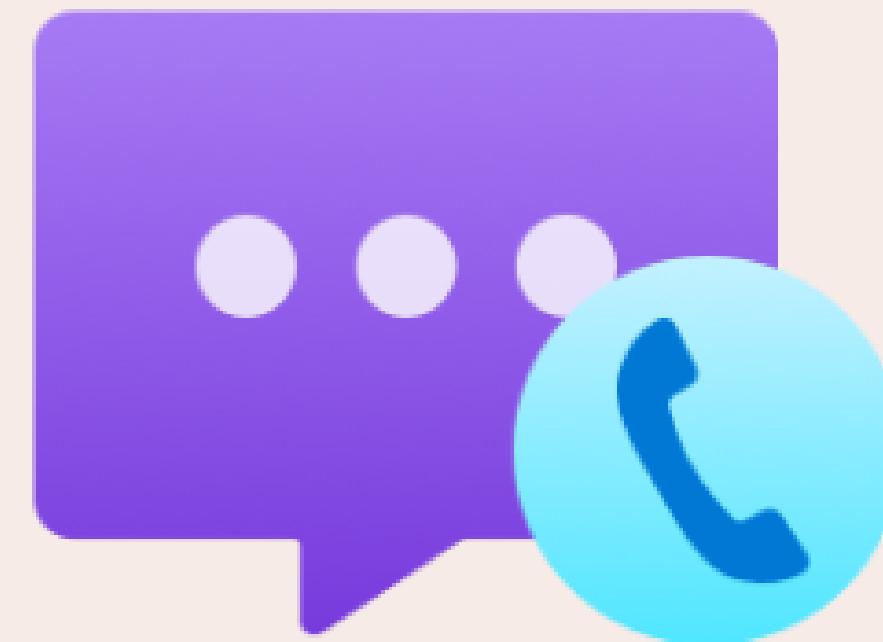
Researched and tried building a chat feature in the clone.

SUBMITTED

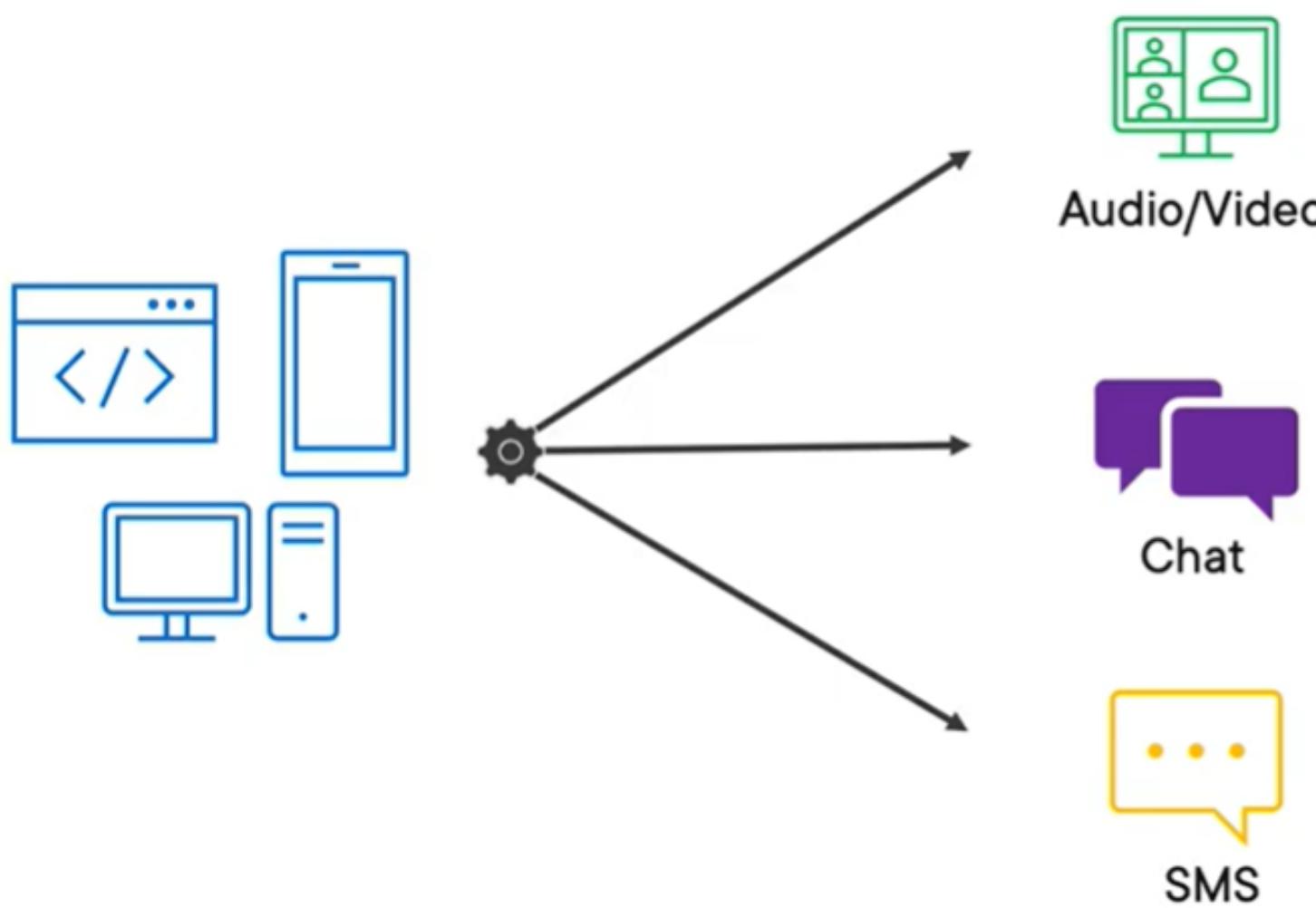
Worked on a presentation and video demo of the clone app as a part of final submission.



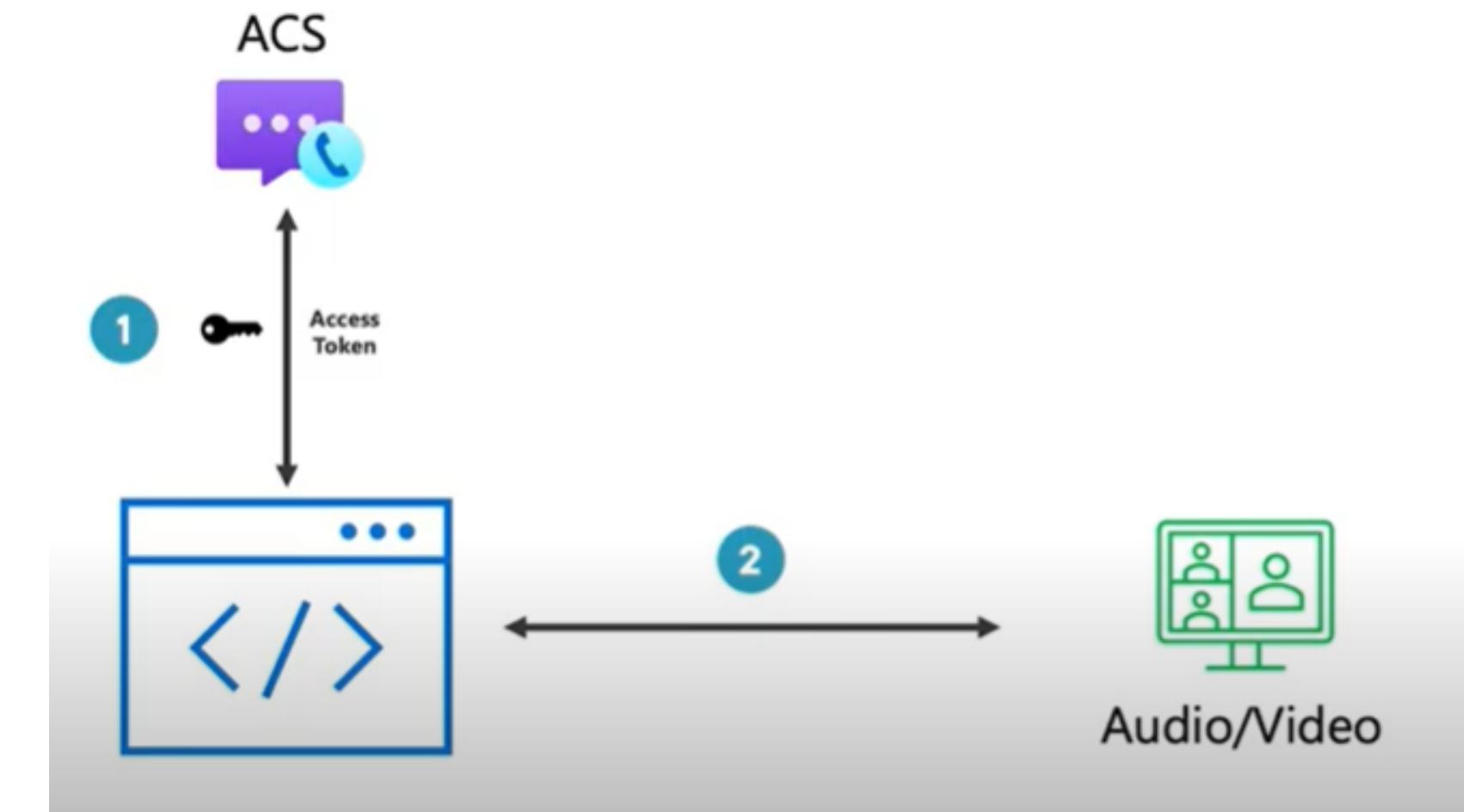
The **High-Level** Architecture - Microsoft Azure Communication Services



The ACS Infrastructure



ACS with a Web Application

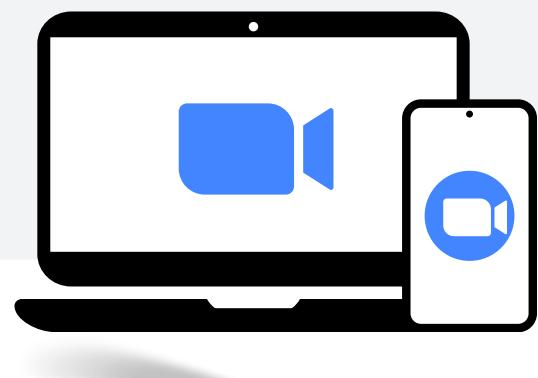


Functional Features



VIDEO CALLING FOR MULTIPLE USERS

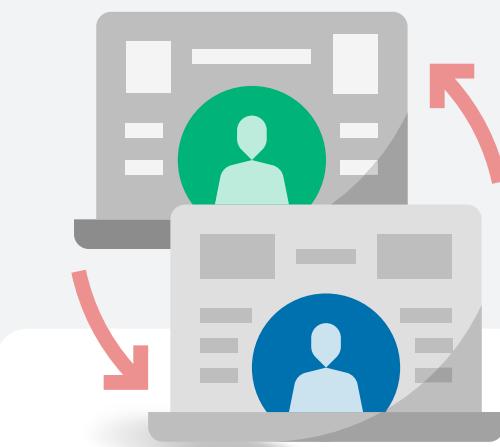
Multiple people can connect over a video call and have meetings by just using a same connecting url.



CONNECTING OVER MULTIPLE DEVICES

Connection from different devices is possible.

Eg. Android to PC or vice versa.



SCREEN SHARING

Share the contents of your screen with another device or multiple devices.

Functional Features



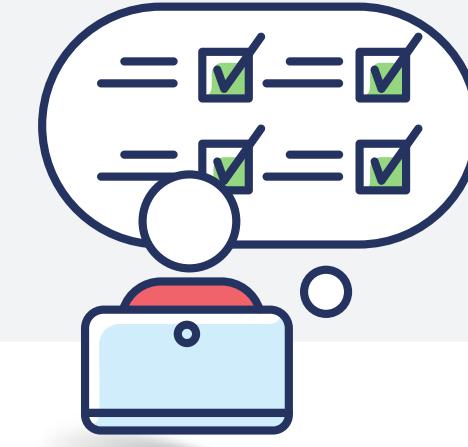
MUTE & UNMUTE AUDIO

Turn your audio on or off according to the requirement.



VIDEO ON/OFF

Turn your video on or off according to the requirement.



PARTICIPANTS LIST

Check the names of people who have entered your meeting using the URL that you have shared.

PROJECT DEMO



My Learnings from this Microsoft Engage Project!!



NEW TECHNOLOGIES LEARNT

If it was not for Microsoft Engage, I would never have learned web development, dotnet, how to use Visual Studio, and last but not least using Azure services.

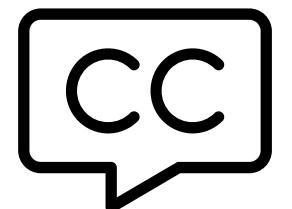
TEAM WORK AND COMMUNICATION

Interacting with colleagues and sending out a message to anyone in the team for help and helping them when they need it too!!

NEVER GIVE UP!!!

I got this undying attitude to keep on putting in efforts and working hard till you achieve your goal. Whenever I was stuck my mentors gave me this strength to keep going and hence I was able to build this project.

What's Next in My Microsoft Teams Clone



Subtitles



Share emoticons



Blur Background of Video

Thank you so much

 Microsoft

**for giving me this
learning opportunity!!**