

MICROSOFT ENGAGE

Sprint or Daily Logs

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DATE	ACTIVITY
14 June	Overview and listed out the overall bird eye view of what all my App can have in terms of looks and features.
15 June	Designed the basic layout of components needed on a sheet of the video call feature.
16-17 June	<p>Searched for Tools and technologies to make these ideas possible. Some technologies which I found useful:</p> <p>React, Figma (Easy frontend but difficult to make backend), Webrtc (code available in scripts but have to integrate to make everything in sync) etc.</p>
18 June	Explored the basic react installation, using npm and made a basic page, then ran a simple program on it to learn how it works.
19-21 June	<p>Studied about Jitsi as it was mentioned in the Engage session and read their document to apply the prebuilt libraries.</p> <p>But later switched to Webrtc and applied the peer connection through socket.io and Webrtc libraries. I installed npm to run this on my VScode.</p>
23 June	<p>Got Hook error and was unable to resolve as the error statement was not clear enough.</p> <p>After a few hours of searching on the internet about this error, I resolved it by installing a library in my current directory.</p>
24-26 June	Attended the Engage Design session and got to know a lot of design applications. Got to know about Azure and explored it for hosting my application.
27 June	Finally the mandatory feature is running and 2 people are able to talk to each other. Just the designing part has to be refined for this feature.

28-30 June	Added the form interface of the main screen so that the person who is using the application can write his/her own name and then connect. It helps in identification of the person when he/she makes a call to another person.
1-5 July	Created a pickup button and improved the UI. Pickup button could connect to the other person's request for a video call and hence enables a great user experience.
5-7 July	Implemented the form base information collection and further improved the UI of the video calling application with better background image and fonts.
8-10 July	Finally improved the code documentation i.e. used proper comments so that other people could easily understand my code and also a good practise do that everything is clear throughout the code. Also deployed my code through netlify and heroku platforms
11-12 July	Made the video demo align with the explanation and pushed the code on Github as well. Finally completed the project! It was a great learning experience!