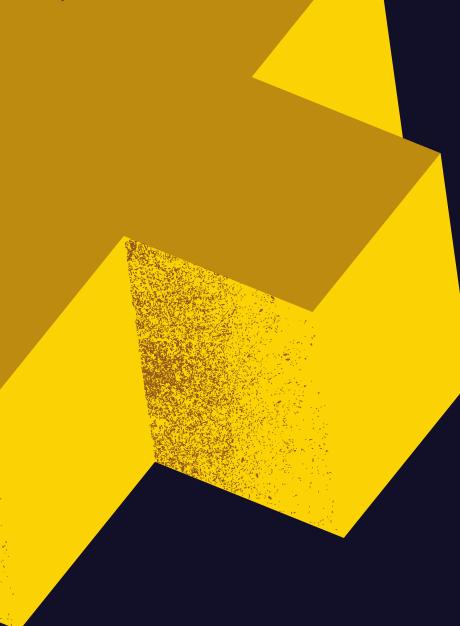


Connectbox

Microsoft Teams Clone

<https://connectbox.azurewebsites.net/>



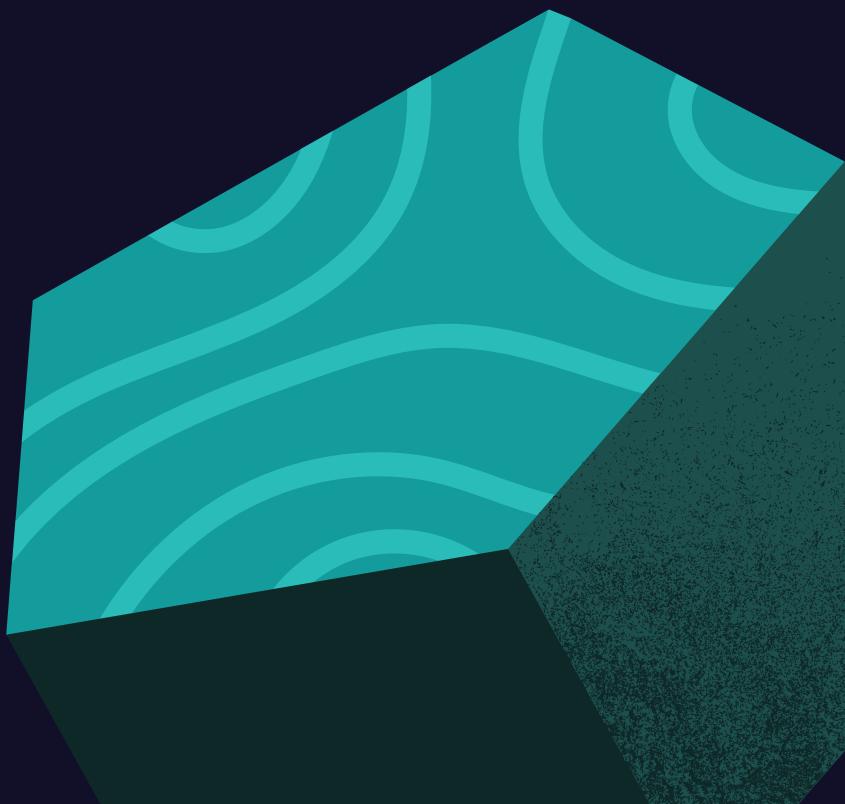
Fatema Kapadia

Bachelor Of Technology in Computer Science and Engineering
Indian Institutes of Technology, Dhanbad



Features

- Users can invite friends and connect over video and voice calls.
- Chat conversation can start before the meeting and continue it post the meet.
- Screen-sharing.
- Option to re join a meeting and chat thread.
- Read receipts.
- Emojis while chatting.
- Very interactive and engaging user interface.
- Deployed on Azure platform.
- Extended features can be added easily.



Techstacks

React

The front end has been developed using React.

Azure Communication Services

The video call and chat features have been developed using APIs provided by Azure Communication Services.

C#

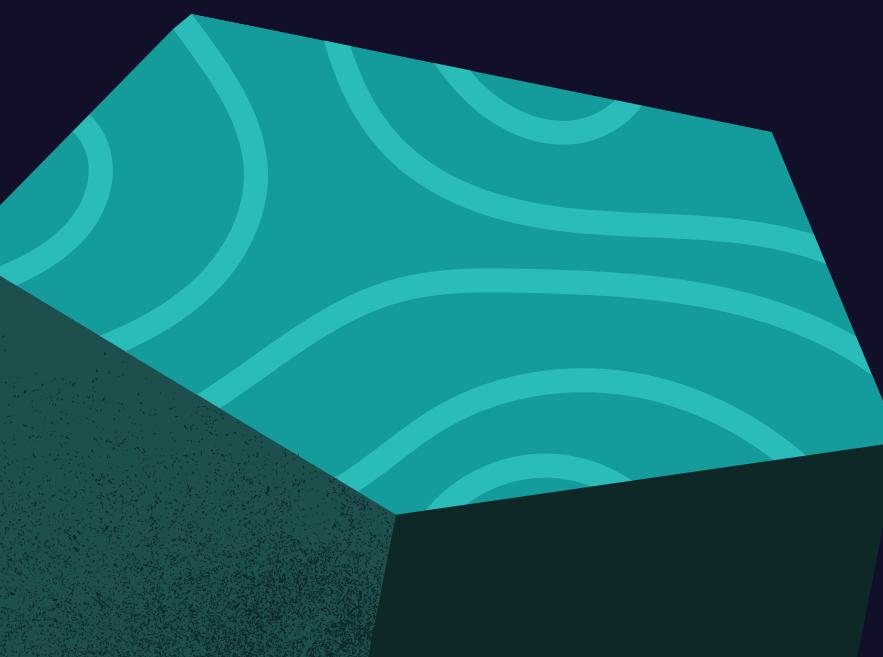
The back end has been programmed in C#.

Azure App Services

The website has been deployed using Azure App Services.

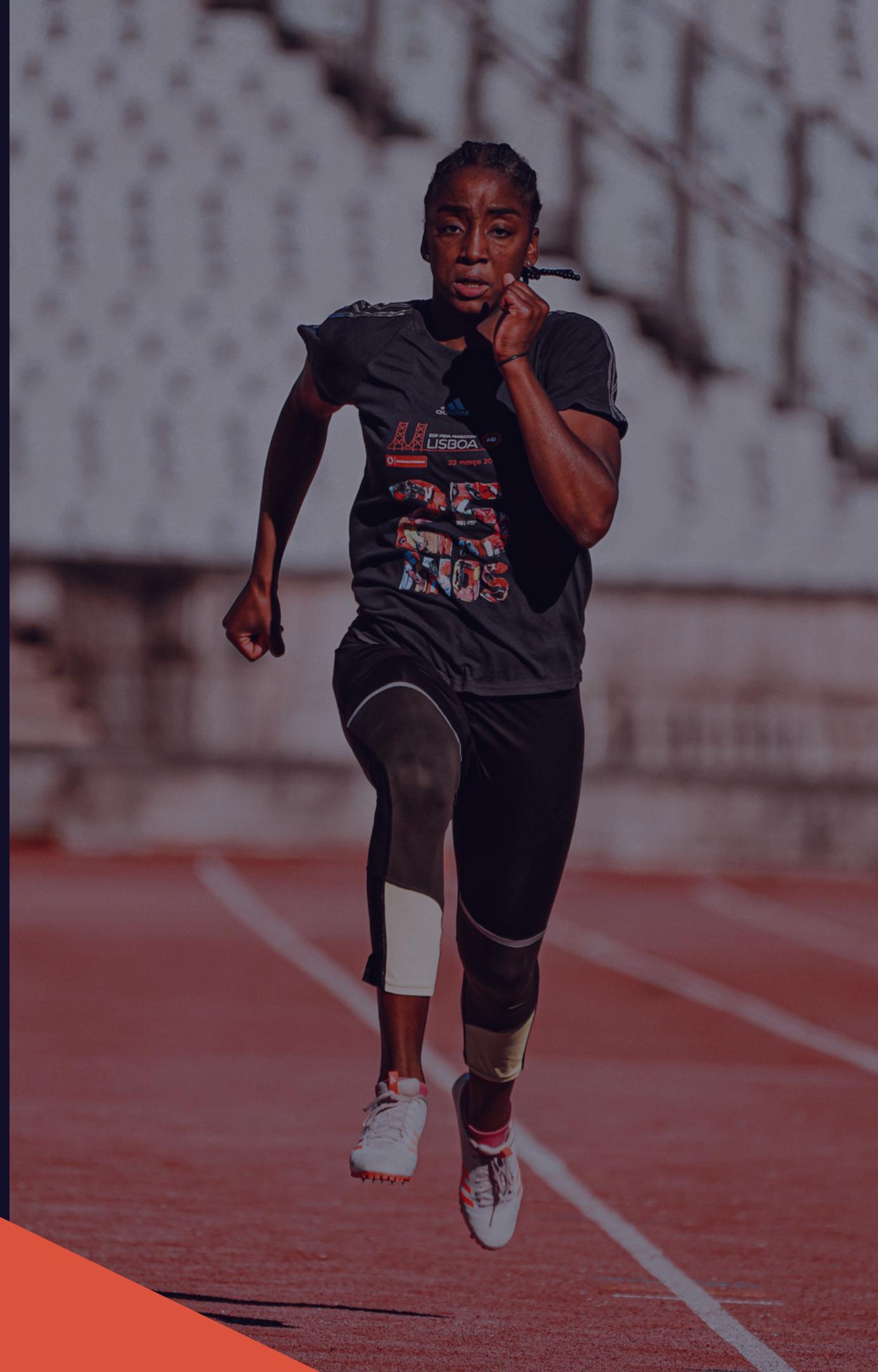
Github

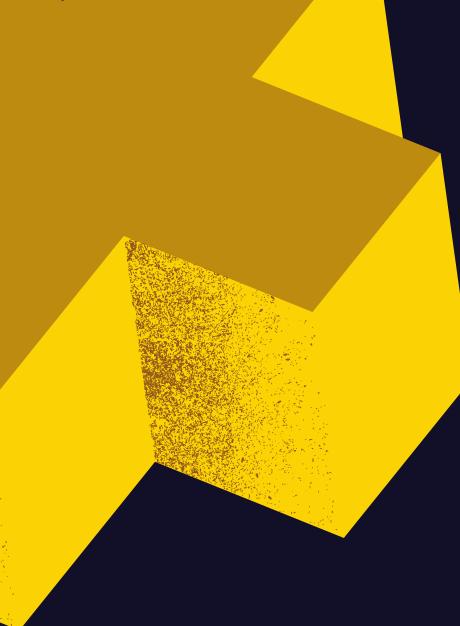
Code has been pushed to Github for increased collaboration.



Sprint 1

June 14-June 21





Research and Planning

- Analysed different video and voice sharing platforms.
 - Explored WebRTC and Azure communication Services.
 - Came up with a plan of action.
 - Created backlog.
 - Detailed down a user story for Sprint 2 up to task level.
- 

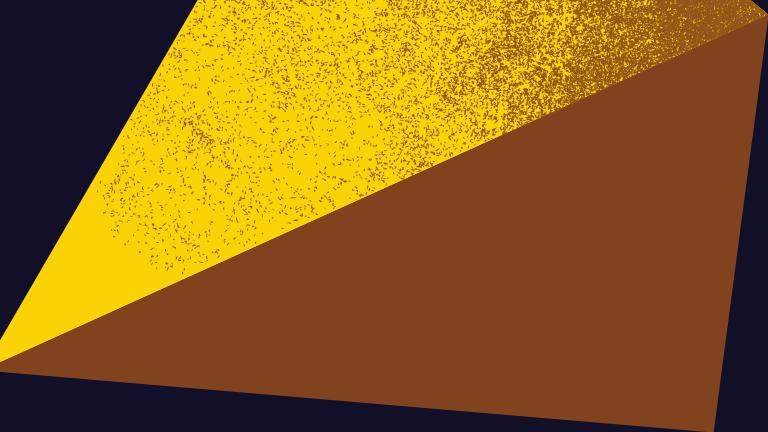
Backlog

- 2 people should be able to voice and video chat.
- Enable screen sharing.
- Allow more than 2 people to join the call.
- Able to view the participants of the call.
- Be able to leave video call and re join the same call.
- Chat during the video call.
- Start conversation before and continue same conversation post the video call.
- Read receipts.
- Curate the Minutes of Meeting during the video call and publish the same once the meeting is over.
- Add emojis to the chat
- Deploy the website.
- Allow user profile creation.
- User is able to create new groups and add other users.
- User is able to view all the groups he/she is part of.

Sprint 2

June 21-July 5





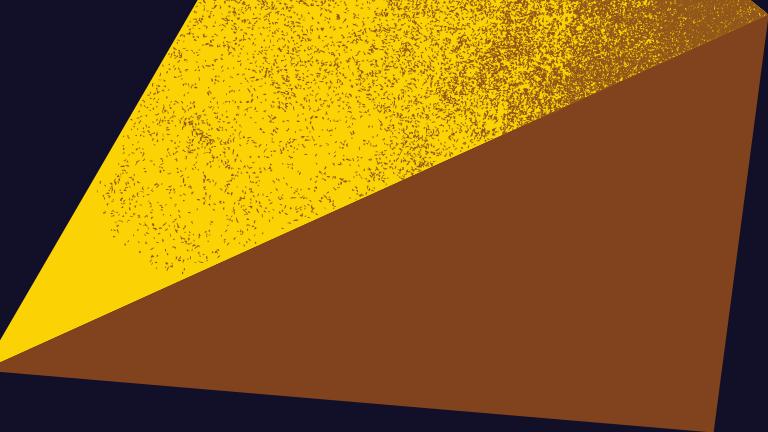
User Stories for Sprint 2

- 2 people should be able to voice and video chat.
- Enable screen sharing.
- Allow more than 2 people to join the call.
- Able to view the participants of the call.
- Be able to leave video call and re join the same call.

Sprint 3

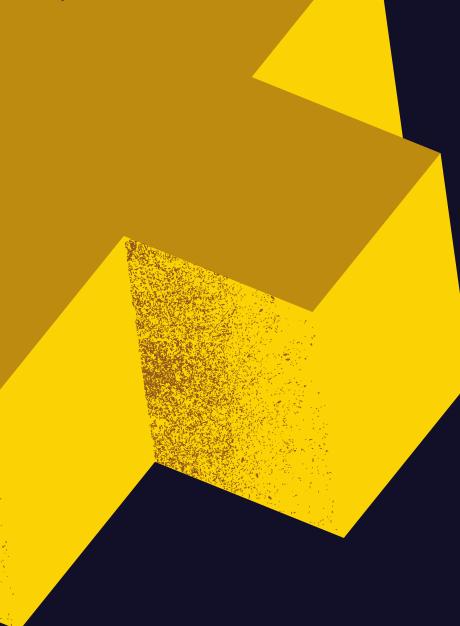
July 5-July 11



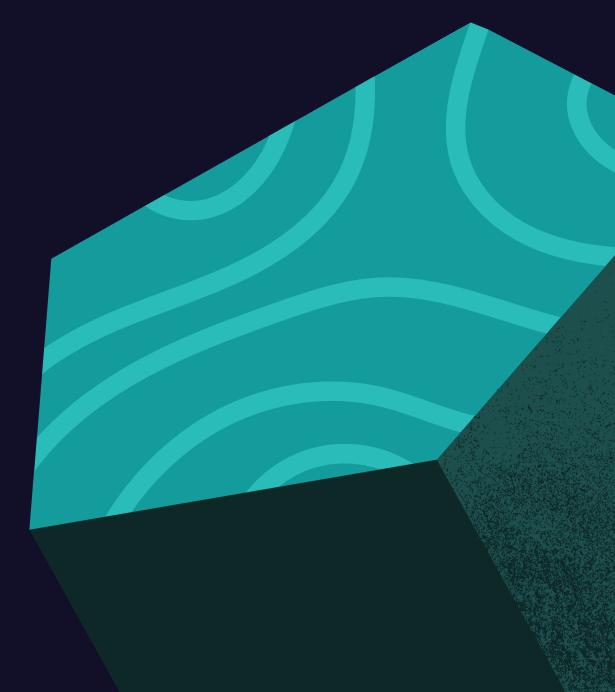


User Stories for Sprint 3

- Start conversation before the meeting
- Continue same conversation post the video call.
- Deploy the website.
- Add Emojis to the chat.

A cluster of overlapping yellow geometric shapes, including triangles and a hexagon, located in the top-left corner.

Thank You!

A large, stylized teal shape resembling waves or ripples, positioned in the bottom-right corner.