

Microsoft Teams Clone : 'Engage'

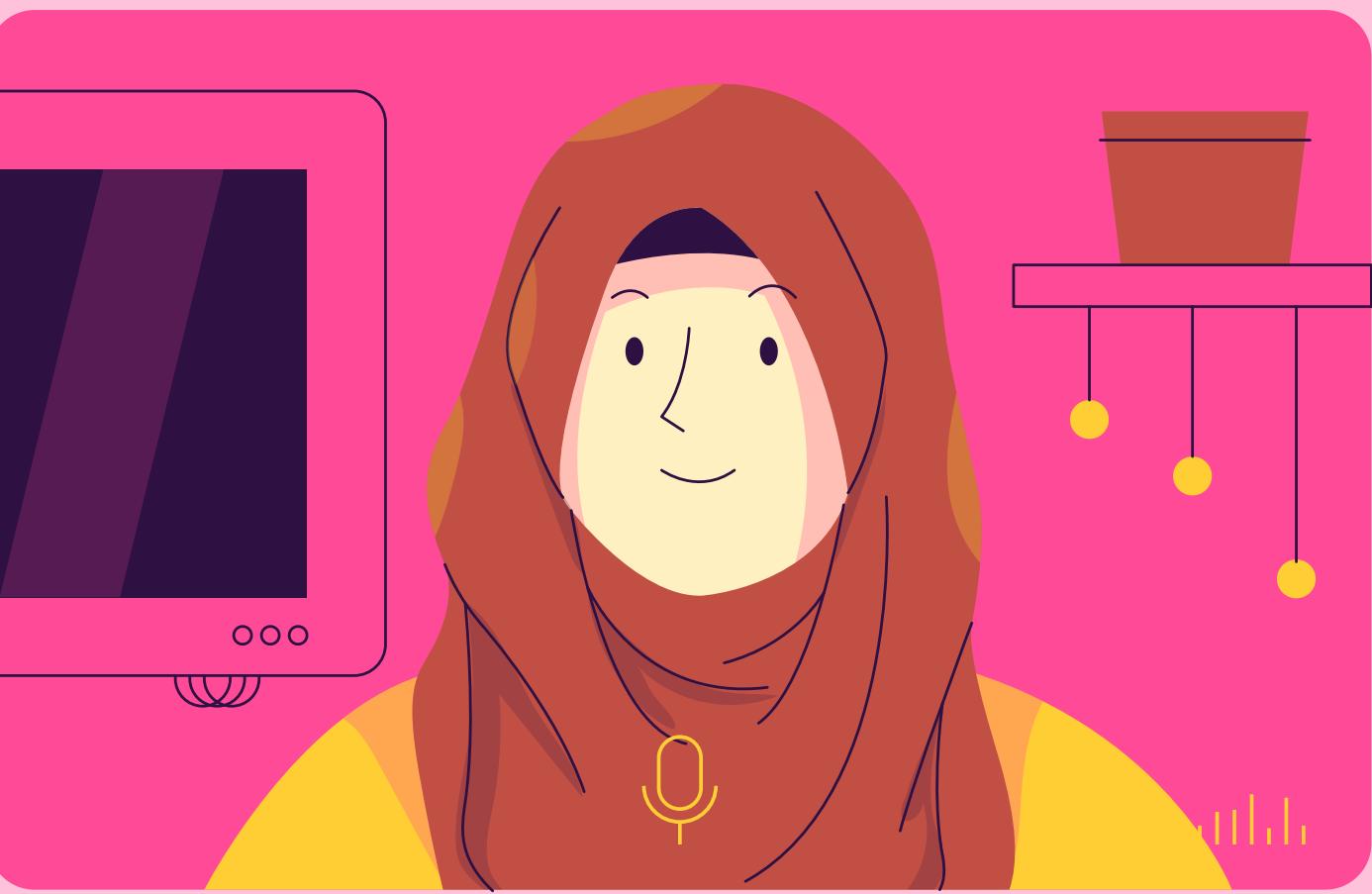
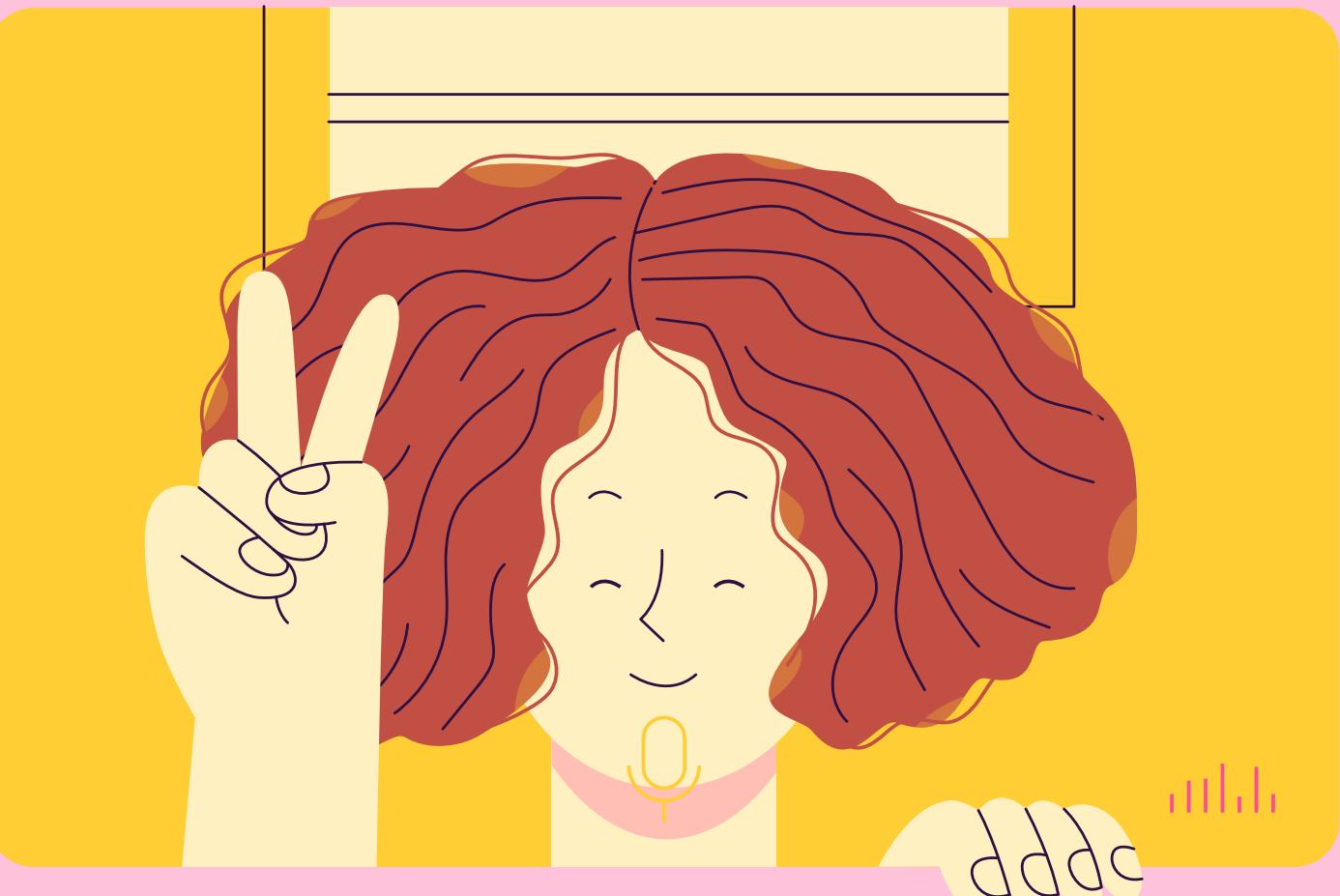
A web application powered by Node.js, WebRTC and EJS

About the Product



Microsoft Teams

- 1 Microsoft Teams. A collaboration platform that unifies chat, voice, video, and file-sharing as part of Microsoft Office 365.
- 2 It is currently designed to be used by local, remote, and distributed workgroups - anyone in any company, really! ☺



Methodology and Principles Followed

This domain covers the agile scrum methodology followed throughout the development of the project and the UI/UX principles followed to make clear and concise user navigation.



Agile Development Methodology

Sprint - 1

Duration: 1 week
Developments: I primarily worked on designing my Product Requirements Document (PRD) and the UI/UX of the web application for various interfaces.

Sprint - 2

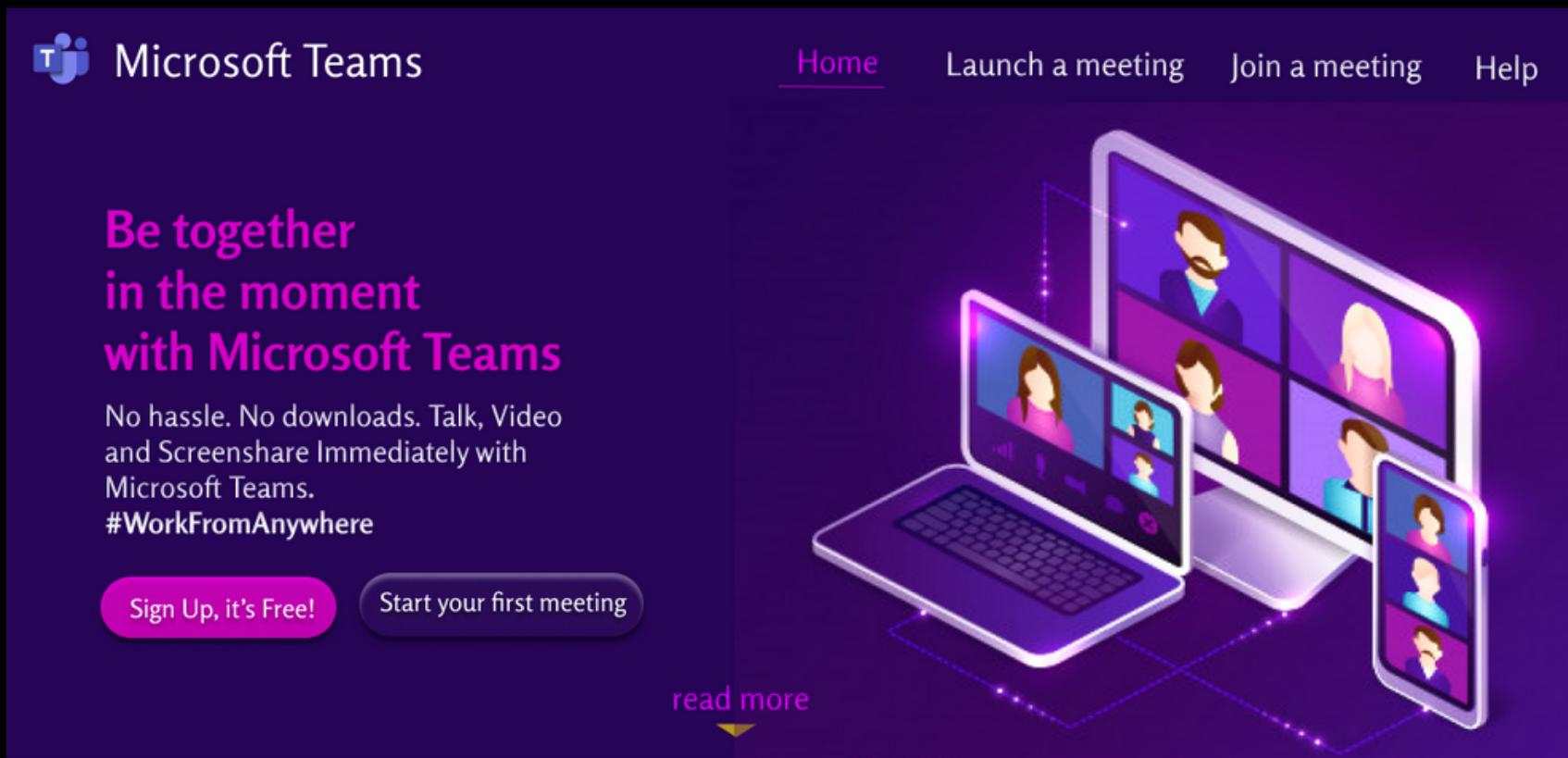
Duration: 1 week
Developments: The duration of this sprint encompassed a week again where I started developing my MVP while tested and assimilated the code into my previous code segments.

Sprint - 3

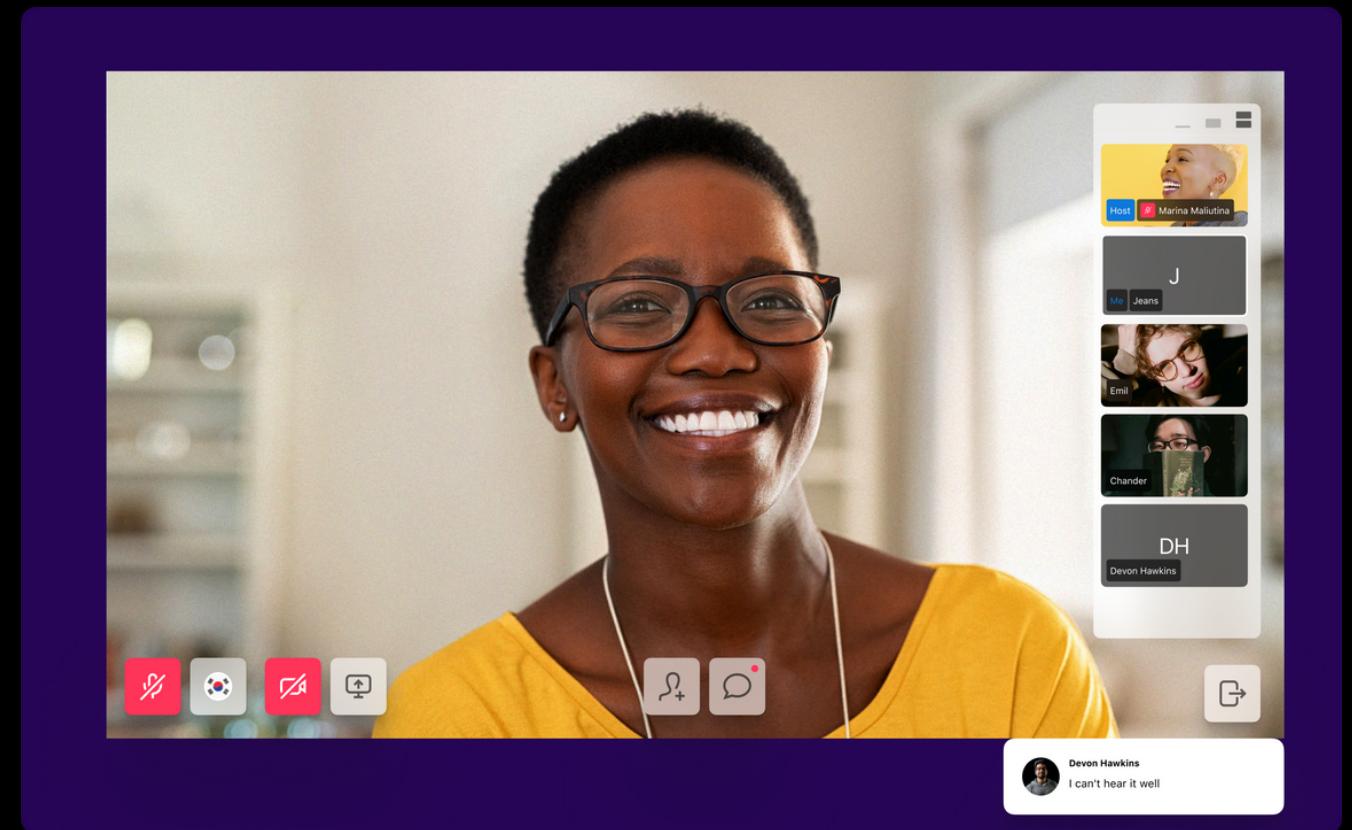
Duration: 1 week
Developments: Finally, I worked on the additional features of my product encompassing the feedback from previous sprints and adopted a CI/CD and TDD Approach.



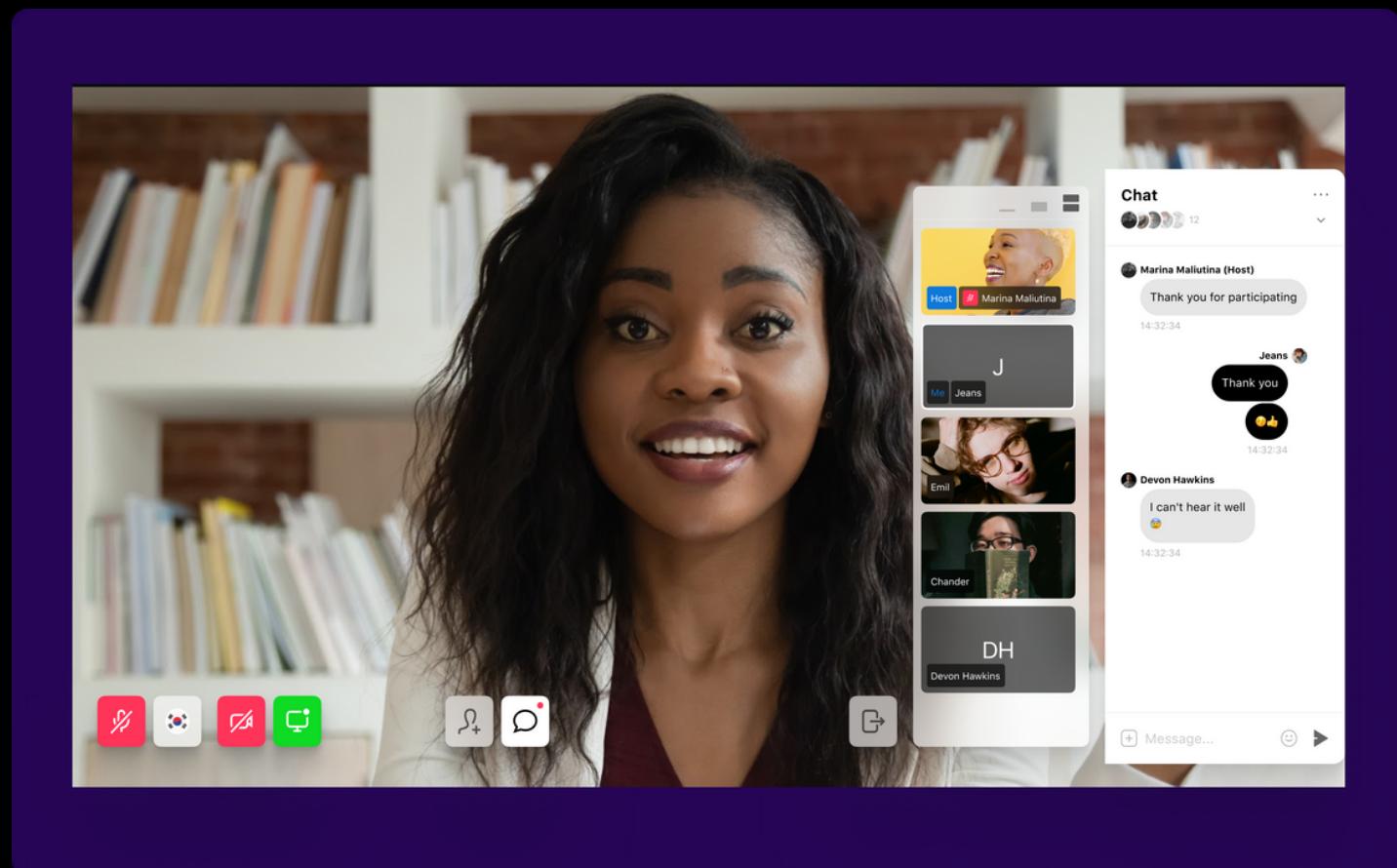
User Journey and Mapping



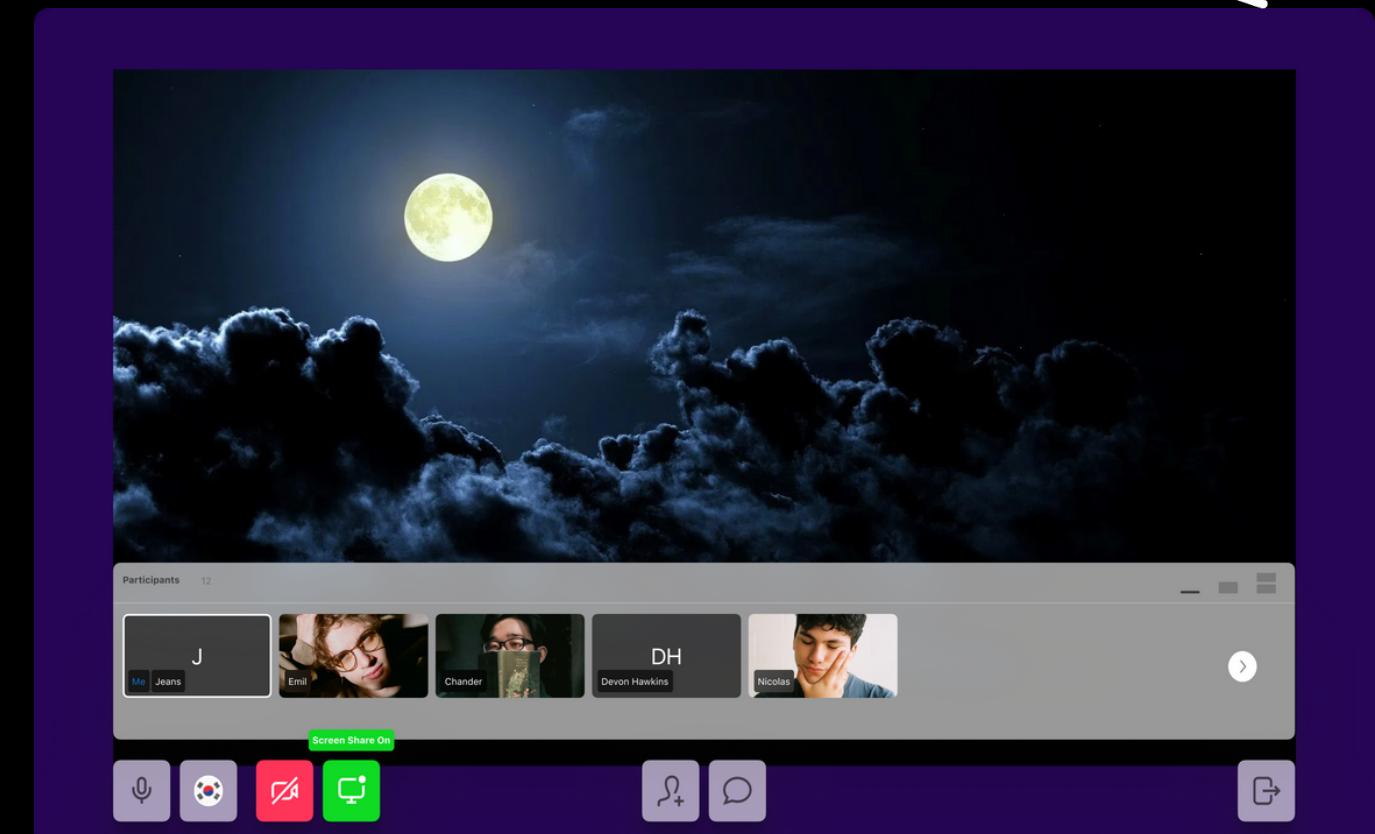
Landing Page



Video Conference



Chat Feature



Screen Sharing

Notable Features

The UI/UX Principles were the primary focus while designing the whole flow of the application.

Clear and genuine CTAs, easy navigation and concise messages were the primary focus to ensure that the user doesn't feel lost within the application.



Enhanced Features

1. Multiple Participants enables
2. Mute/Unmute feature
3. Video ON/OFF Feature
4. In-Built Chat Application
5. Display the number of participants
6. End-to-end security
7. Picture-in-Picture mode





Languages and Frameworks used

Frameworks - Express.js and WebRTC

Library used- PeerJS (WebRTC)

Frontend- HTML, CSS, JavaScript, EJS, Node.js, websockets, Material Design



Thank you!

Got any questions or queries? Feel free to reach out to me at
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SOME IMPORTANT LINKS

[GitHub Project Link](#)

[Hosted Application](#)

[Product Requirement Document](#)

[UI/UX Design \(Figma\)](#)

[Virtual Presentation](#)