



Virtual Event Platform

communication without limits!

SOFTWARE ENGINEERING-CS301

P R E S E N T E D B Y T E A M V I R T U A L V I B E

Agenda of the Presentation

- 01 Motivation
- 02 Difficulty faced
- 03 Feasibility study
- 04 Features
- 05 Logic
- 06 Live Demo





REASON FOR SELECTING THIS PROJECT:



Project Life Cycle:

- 01 Requirements gathering**
- 02 Software design**
- 03 Programming**
- 04 Testing**
- 05 Deployment and hosting:**
- 06 Project management**





Welcome To Virtual Vibe!

Virtual Vibe involves the planning and execution of a virtual meeting platform to enable remote communication and collaboration among participants.

Start your next video call a single click. No download , plug-in, or login is required. Just get straight to talking, messaging and sharing your screen

Features

- 01 Screen Sharing
- 02 WebCam Streaming
- 03 Audio Streaming
- 04 Chat
- 05 Recording meeting
- 06 Whiteboard
- 07 Share Pdfs, Notes.(under process)





Motivation & Differentiation from other platforms

- Accessibility
- Flexibility
- Cost Effectiveness
- More Functionality



Available platform in Market

- ZOOM APP
- GOOGLE MEET
- SKYPE
- CISCO WEBEX
- TALKY



Why you should use Virtual Vibe?

- Able to talk to your family and loved ones with ease!
- Able to conduct Business Meetings.
- Able to share Notes, PDFs, PPTs.
- Proudly says, it is MAKE IN INDIA!!

Difficulty faced!

- we had to learn everything from scratch
- continuously error faced while working on it.

Initially, we had used WEBRTC for our project
As it is new technology, for us and we had learned it from scratch

We had implemented the code for webrtc, but it was working for 1 to 1 calls only and not working for 1 to many calls.
we had tried our best in implementing it for 1 to many calls but due to time constraints, we are not able to implement it. But we are working on it, and will implement it as soon as possible.



Frontend

01

Technologies Used: Reactjs, Tailwind Css, Javascript, Animations

VirtualVibe
Unleash your team's potential with video conferencing.
Communication without limits.

Start your next video call with a single click. No download, plug-in, or login is required. Just get straight to talking, messaging, and sharing your screen.

Write the room code!
How about this one

Enter Key JOIN MEET

Screen Sharing
Share your screen, application window, present your documents, slides and more.

WebCam Streaming
Having the webcam on, allows participants to make a deeper connection with you. Up to 4k resolution.

Chat
Chat with others in meeting with integrated emoji picker to show your feeling.

Recording meeting
Record your Screen, Video, and Audio on Your browser Blob. Save it for using it in the future or to share with others.

Audio Streaming
Echo cancellation and noise suppression that make your audio crystal clear.

Whiteboard
Advanced interactive whiteboard to draw and explain your concepts to the other participants in the meeting.

Backend

01

Technology Used:

Nodejs, Expressjs, MongoDB, Mongoose, Emailjs, Zegocloud
MongoDb Atlas Server.





LIVE DEMO

**LIVE
DEMO**

MEET GROUP

Meet our team

**Moksh Mangal**

Backend Team

**Zaid Ragib**

Backend Team

**Khush Narang**

Frontend Team

**Kartheek Reddy**

Frontend Team



Thank You

FROM THE VIRTUAL VIBE TEAM