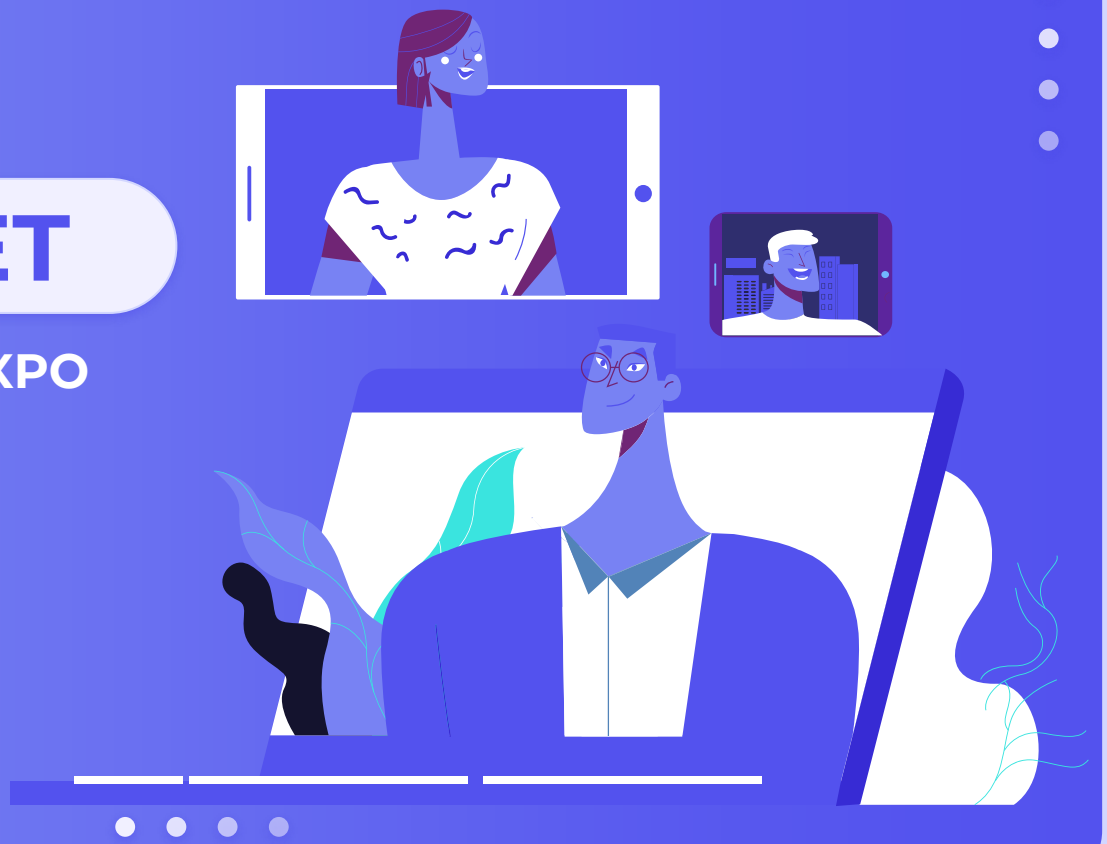
MREC MEET

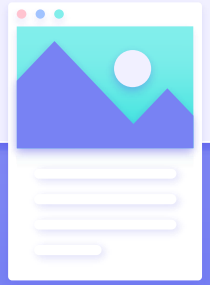
VISHESH PROJECT EXPO

Team Members
Rohan
Nithin
Jhansi
Vijay
Rakesh

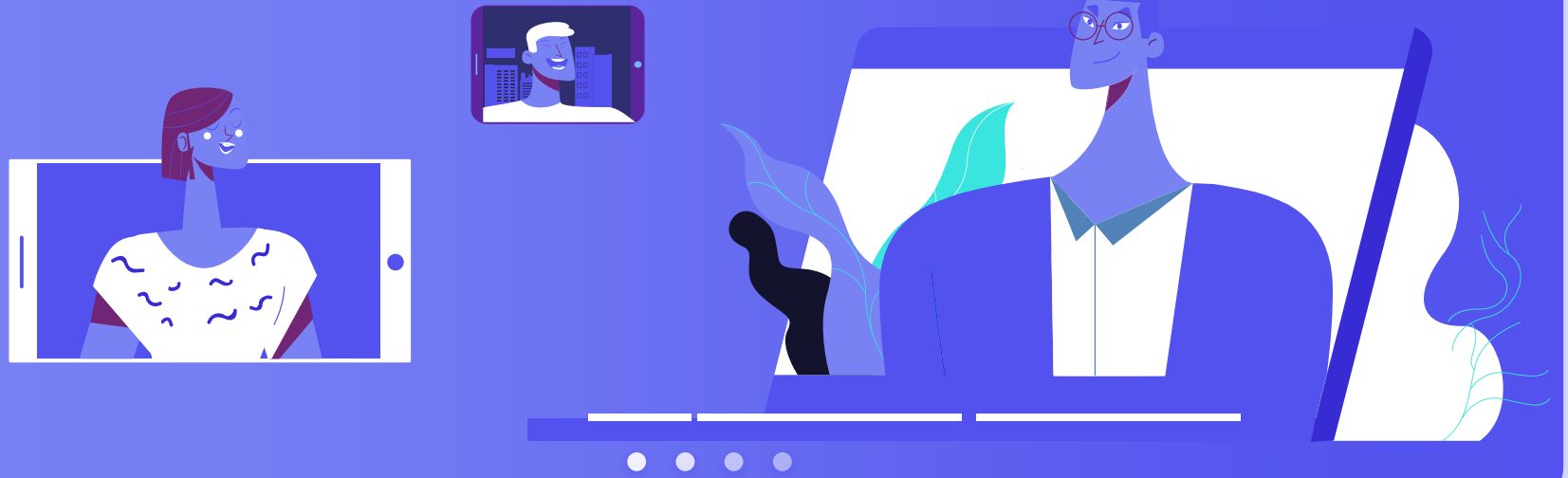


What is

MREC MEET?

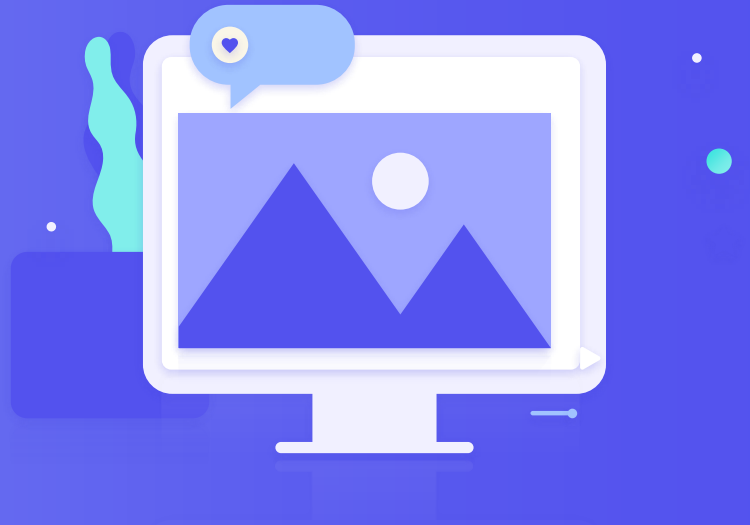


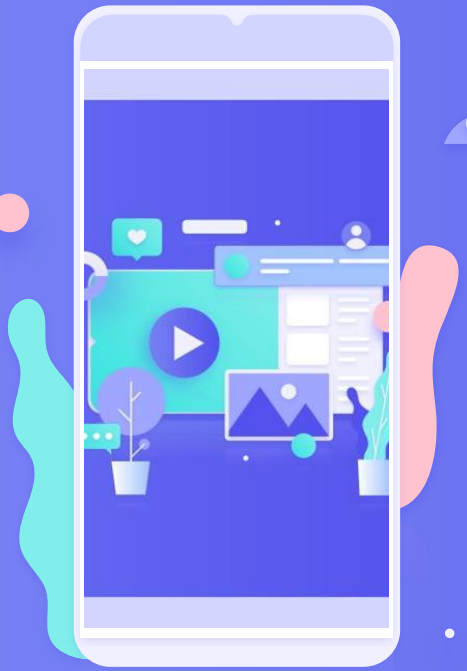
A Light Weight Video Call Application.



It can be a

Web Application





It can be a

Mobile Application

It can be a

Desktop Software

Agile.

Implementing Agile Methodology in Our Project

Meet & Plan.

01

What we are working on

Design

The Design should be light weight and user friendly with many useful features.

Secure

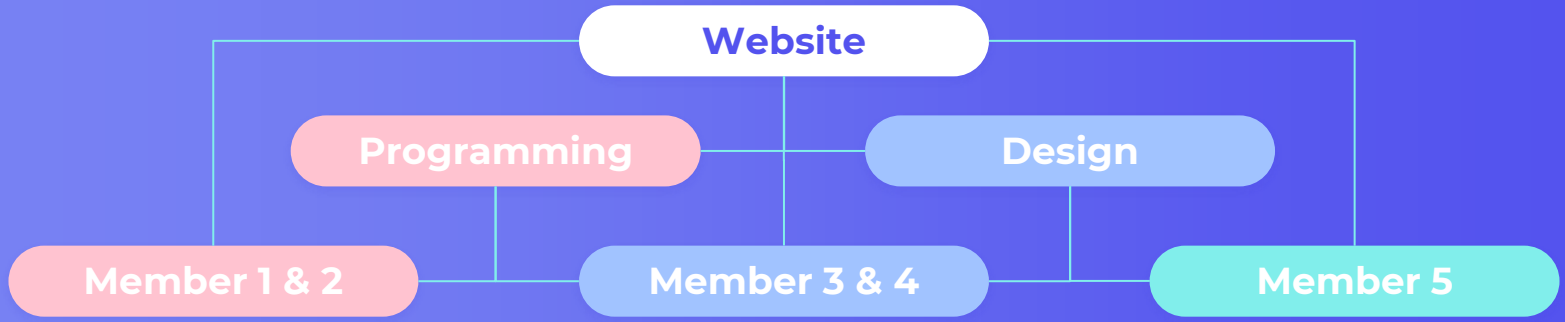
Since it’s a light weight application it’s mandatory to have high security.

Accessible

The Application should be accessible from every device to anyone.

Process Flow Chart

Assigning tasks to each member in the team



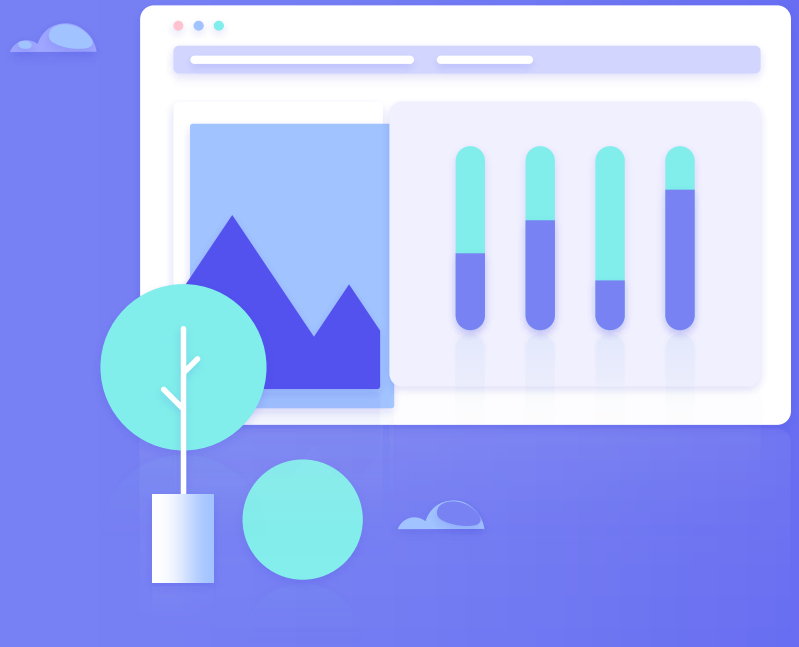
Design & Develop.

02

DESIGN

Designing the UI/UX with the help of Figma

Making it simple and user friendly wasn't a hard task but adding each feature to the site and making it look useable was defiantly inflexible.



First concept

Initially planned on using webRTC for the peer to peer video connection but later came across peer.js which helped in implementation of the video call and using socket.io for the call part and chat engine for the chat part

Second concept

After building the first concept we realized that there are too many limiations and issues like latency, etc. We decided to use Twillo like popular tools like Uber, Airbnb etc. But ended up using something different.

Using TypeScript, JavaScript for the design and layout of the frontend and slowly building features like screensharing, polls, private dm, authentication, etc.

Tools we used to build

Frontend

JavaScript
TypeScript

Go
NodeJs

Backend

Database

Docket
SQL

Vercel
Heroku

Hosting

Test & Deploy.

03

Testing the Site

Kanban Board

We used a Kanban board to organize my tasks by dividing them into 4 categories:
To do, **In Progress**, **Done** and **Bugs**.
We also set an In progress limit of 3, meaning if the In Progress column had 3 tasks, We had to finish them before we move on to start new tasks.

Deploying the Website

Backend

Deploying Backend to **Heroku** using Docker build from source.

Frontend

Deploying Frontend to **Vercel** and conntecing the Heruoku backend.

https://mrec.vercel.app

Publishing the Site

All the URL's

- Click here - To access the git repo
- Click here - To check the website without auth
- Click here - To check the website with auth

Thank You.