

Enterprise Communication Platform

Introduction:

Introducing an enterprise-grade communication platform helping businesses connect with their customers. This comprehensive platform spans video, audio, chat, file transfer, screen sharing, and co-browsing functionalities, accommodating users across Windows, MAC, and mobile platforms. Elevating the standard of security, the platform establishes a robust foundation for communication, ensuring an exceptional level of protection.

Client Details:

Name: Confidential | **Industry:** Software | **Location:** US

Technologies:

Backend: Node.js

Platform: iOS, Android

Database: MongoDB

Cloud Services: AWS EC2

IDE: Xcode, Android Studio

Third-party Libs: Web Socket (Socket IO), IceLink, WebRTC

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Project Description:

The primary objective of the application is to provide a user-friendly and feature-rich platform for secure communication, particularly in the context of telehealth services. The application's core functionalities are categorized into two main modules:

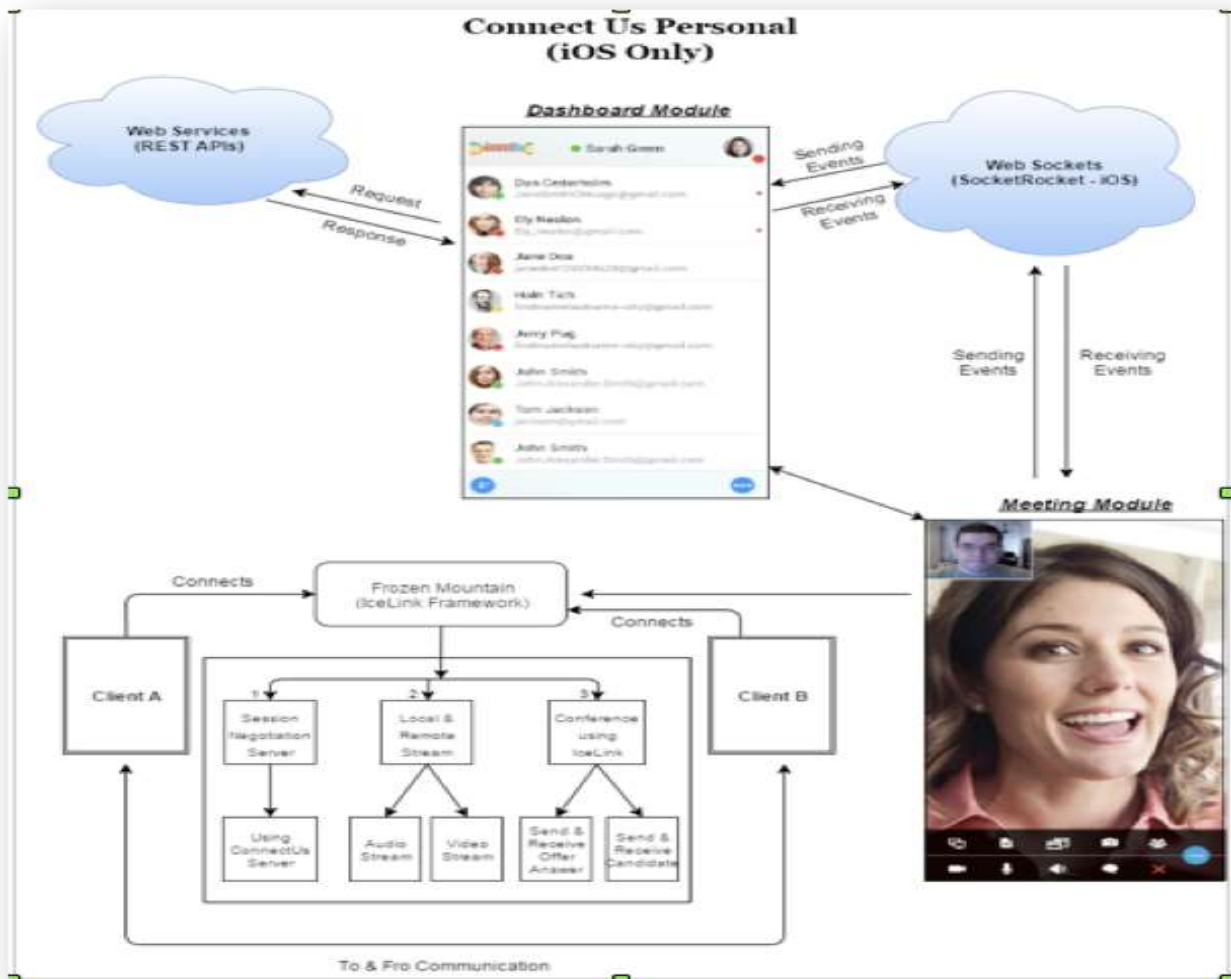
- The Dashboard module
- The Meeting module.

Core Features:

- **Login Screen:-** The application opens with a secure login screen, requiring users to input their First Name, Last Name, Email, and Confirm Email for authentication.
- **First Screen Post Login:** Upon successful login, users are directed to the first screen, where they are prompted to add contacts. This is achieved by entering the First Name, Last Name, and Email of the intended contact.
- **User Screen with Contacts:** Once contacts are added, users are presented with a user screen showcasing their contacts. The maximum limit is set at 20 contacts, each accompanied by a profile picture and real-time presence status.
- **Chat-Window:** Clicking on a contact opens a Chat-Window with features including chat history, group creation, group management (add/remove people), file sharing, email, and audio/video call options.
- **Initiating Meetings:** The Meeting module is activated when users wish to engage in audio or video calls. It provides a platform for live audio and video streaming of both local and remote clients.
- **Additional Features during Meetings:** In addition to audio and video, the Meeting module incorporates chat functionality, allowing users to exchange messages during the call.
 - Users can dynamically add people to ongoing calls, enhancing the collaborative aspect of the application.
 - File sharing within the Meeting module facilitates the exchange of documents or media in real-time.

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Architecture Diagram:



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Screenshots:

