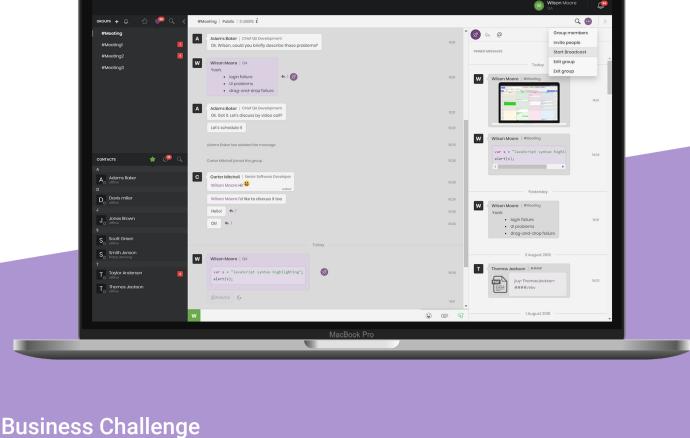


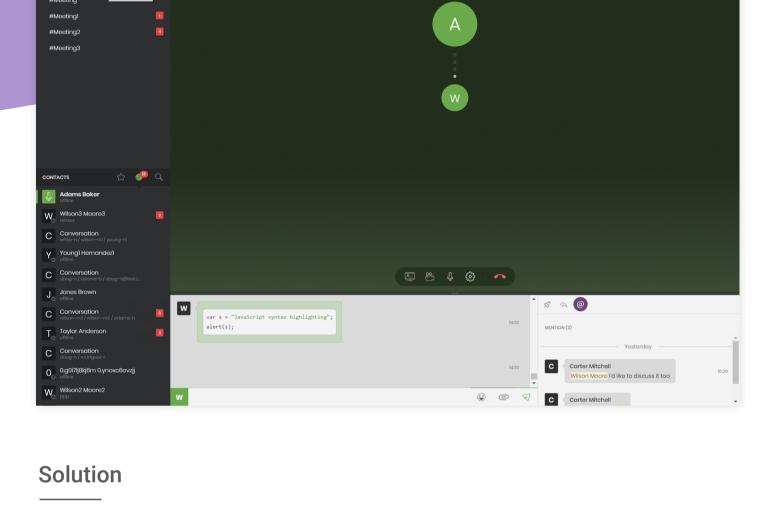
Stand-alone Peer-To-Peer Video Chat Application

A straightforward stand-alone peer-to-peer video chat application. It provides quick, convenient, and highly secure video/audio and text messaging for peer-to-peer and group communication between employees from the same company. The peer-to-peer application has allowed the client to communicate, and share files more efficiently, saving time overall.



● Q 《

(PCs and laptops) only. The customer required a dynamic, easy-to-use and informative employees and different departments.



XB Software team was asked to develop an efficient and stable corporate stand-alone peer-to-peer video application which should operate without an internet connection. The

development team, comprising of a business analyst, WebRTC and React developers as well

encryption methods which are proven to protect users' private information from unauthorized

as QA engineers, was tasked with creating error-free code for the web application. We used WebRTC technology for maximum security. WebRTC security uses standardized

other users.

intruders. It offers excellent protection in addition to the revolutionary streaming voice and video features that define the technology. The front end of the peer-to-peer video chat application was implemented using React.JS and CSS, which helped to create the application's user-friendly design and clear features. The back end of the app was made using Node.js and MySQL. Other technologies used include Redux, Docker, Redis, and NGINX. XB Software's developers designed it to offer a fast and stable connection for video or audio, text messaging, file sharing, private and group communication, and custom alerts.

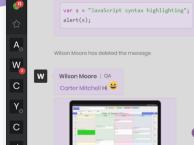
Users can begin private chats and group chats. Lext-based chats can include up to 3000 users, while video chats can accommodate up to 5 users. Users can start a one-to-one chat

Users can share their screens during video calls, and they can also broadcast to up to 100

with anyone in a group chat session. Only users authenticated (using AD/LDAP

authentication) in the web application are allowed to use these features.

Applied Technologies docker MysqL NGINX node® React redis Redux Webart



Duration

1,5 years

#Meeting | Public | 3 USERS \emph{i} Adams Baker has deleted the message

Wilson Moore Hi!

Hello!

Wilson Moore | QA

Carter Mitchell | Senior Software Developer

Wilson Moore I'd like to discuss it too

Wilson Moore

login failure

drag-and-drop failure

INVITE TO GROUP

S Smith Jonson Jones Brown Thomas Jonas

Estimated Working Hours

6000+ hours

C

0 Our Role in the Client's Success

- create private peer-to-peer text messaging and video/audio communication

- create, edit or delete a group for text or video communication

- pin the main message - mention the user in the message - share information with a group

The app has a simple login form and allows users to:

- view the groups' notifications

- add users to the group

Also, the peer-to-peer video chat app has an intuitive and adaptive user interface with a collapsible menu. The video chat app has simplified the communication process between employees and made interactions between different departments in the company easier and

- file share by intuitive drag-and-drop

more productive.

Customer



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A UK company that provides different solutions in the advertising, cinematographic, and creative design sphere. They help to build amazing AD, film, and design creations, along with an end to end product solutions.

Visit

XB Software's WebRTC and React.js developers built an easy-to-use stand-alone peer-to-peer

