Babble is a mobile chat app that allows users to connect and converse with other people around various interests. The app allows users to create and join thematic chat rooms where people can participate in real-time discussions with other users of the app I called the **"Babblers"**. The name "Babble" comes from the idea of "chatting" in English.

This application uses the **MERN** stack (MongoDB, Express, React and Node.js)

The front-end was made with React Native for the multiplatform side of this framework. Babble works on both **iPhone and Android devices**.

Babble's back-end infrastructure is an **API** that uses **Node JS and Express**. This allows me to create a solid and especially scalable base for my application. The MERN stack is known for its efficiency in building social networking applications. **Websocket (Socket.io)** were also used for real-time conversations.

The mobile application is accompanied by a **web administration dashboard** to manage **users and chat rooms.**
The web dashboard is developed thanks to the React JS framework in order to remain consistent with the chosen stack. The mobile app and web dashboard share the same API.

This project was a part of **La Plateforme_** school project :
- A design including maximum features that could be those of a commercial app.
- A functional POC that includes the basic features of a chat app, with **possible evolutions.**

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