

Résumé de projet professionnel

Machin Max

This is a mobile and web application project carried out as part of my second year of training at La Plateforme_.

According to the client's request, the application had to include at least:

- authentication
- A general chat system
- Administration website
- Back-end: Node Js or API Platform
- Frontend: React Native

This project was carried out in a group with two collaborators from my promotion: **André Grassi & Mourad Boussiouf**.

He took over a large part of the conceptualization stages of a real professional project such as:

- a tree structure
- graphic design
- data models
- an organization / distribution of work.

To develop the front-end portion, we created an **Expo React Native** application, primarily utilizing **CSS** for styling.

The back-end consists of a **Node.js REST API**.

For the administration part, we implemented a **React.js** web application, using **Sass** for styling.

We have created a **MySQL database**.

Targeting Android users and not all of them have Android phones, we also used **Android Studio** which allowed us to develop the application on a similar device emulator for all members of the group.

Starting from a project in the school setting and without a real client, we therefore had to think of creating a fictitious company: Visual and commercial identity.

This requires the creation of a graphic charter and its positioning on the market.

Additional features have been added in order to have a more relevant final rendering, to acquire more capacities and to have a more functional site.

Among the **additional features** we've added:

- The ability to set a PIN code to secure the application.
- Avatar upload at account creation.
- Choice of translation language for incoming messages.
- Private talks.
- A contact book with friend invitations.