Fullstack Project

<u>Objectif:</u>

This project facilitates profile management. With this application it is possible to create a user type (administrator, commercial ...), to create a user, to list the user type and the users.
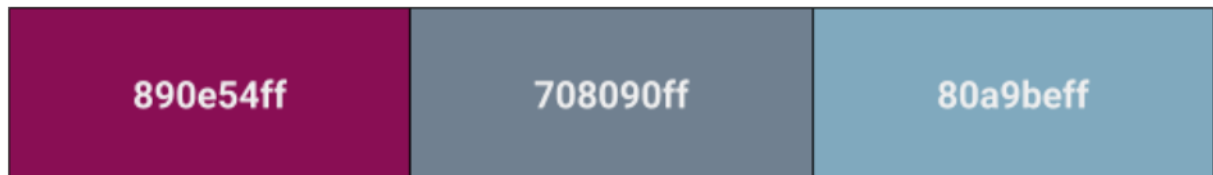
<u>Tools:</u>

To realize this fullstack project you will use docker and docker compose, angular and spring boot.

Create a working environment with docker and docker-compose to carry out this fullstack project. You will use spring boot for the backend part and angular for the frontend part.

<u>Graphic design:</u>

The design of this project is free. You are not obliged to respect the design proposed in these specifications. However it is important to make a clean design.

If you want to be inspired by the proposed design, here are the color codes:

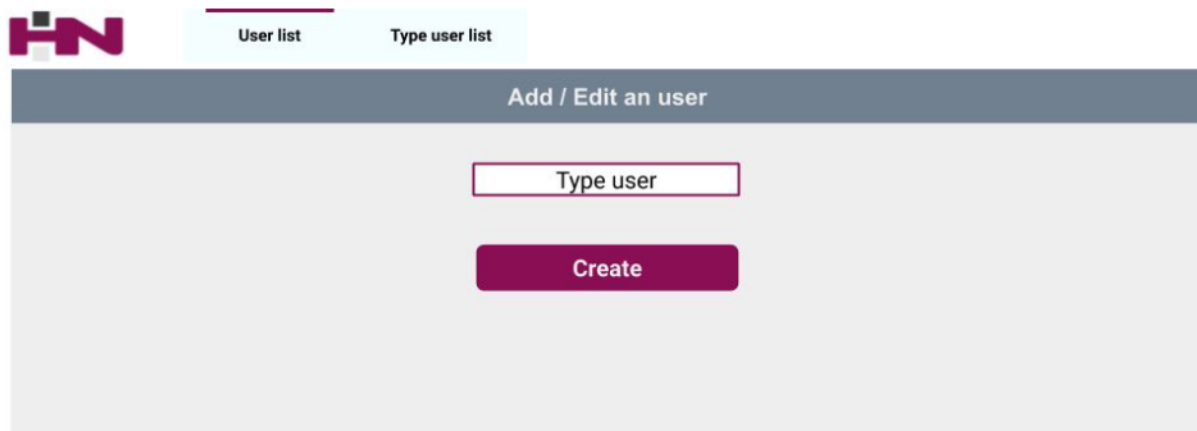| 890e54ff	708090ff	80a9beff

The project

this project consists of 5 pages:
- Type user form
- Type user list
- User form
- User list
-

You can also create a home page according to your choice. But you can use one of the lists (type user or user) as home page

The menu :

the menu is made up of 2 links, one to go to the list of user types and another for the user list
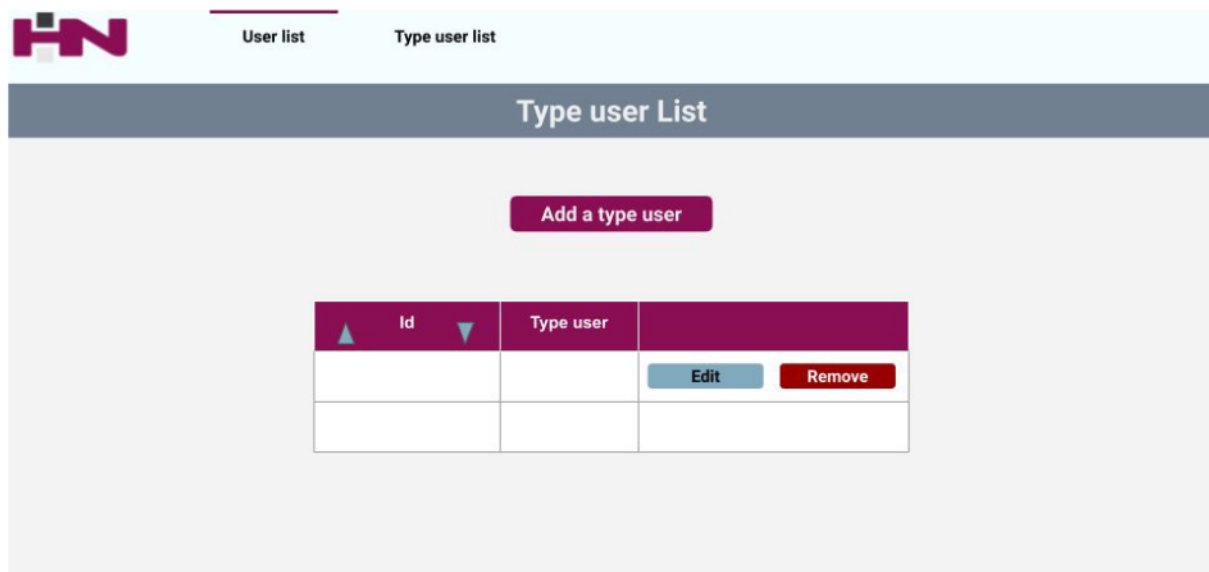
Type user form :

This page contains a form with a single field (text type). It allows the addition of a user type (Administrator, commercial ...) in the database.
The form for editing a user type is the same, however the field will be pre-filled with the type of user to modify.
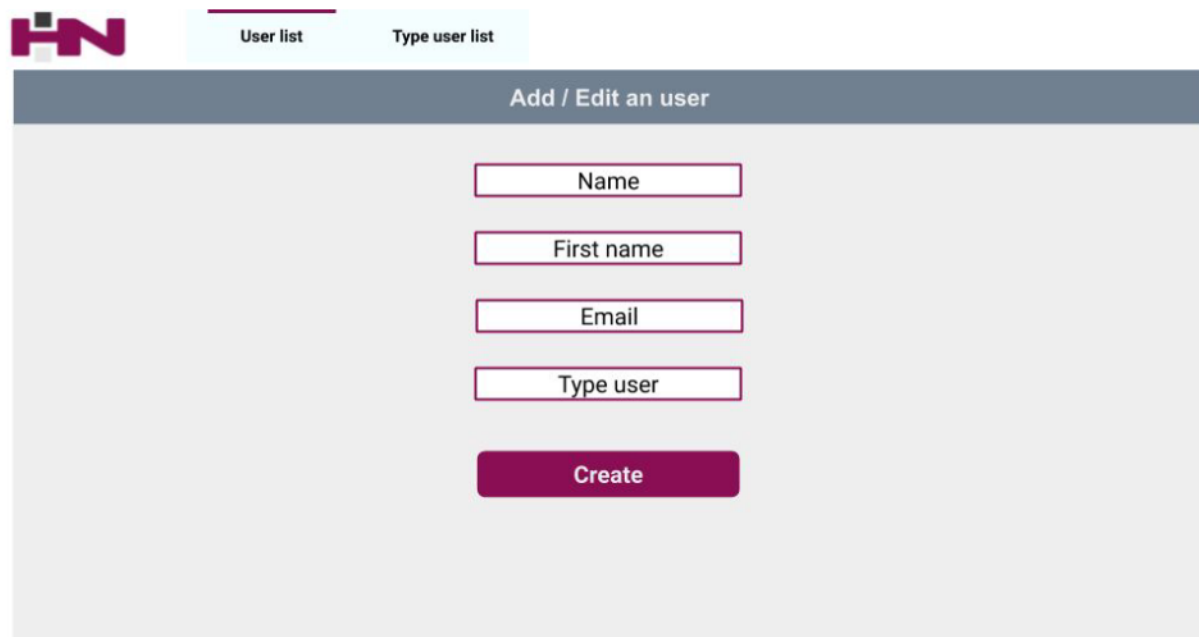
Type user list :

This page simply lists all the types of users of the database. A delete button allows you to delete a user type. the Edit button allows you to modify a user type.
This table can be sorted with the different parameters (id or type). The arrows are an example to sort the table.
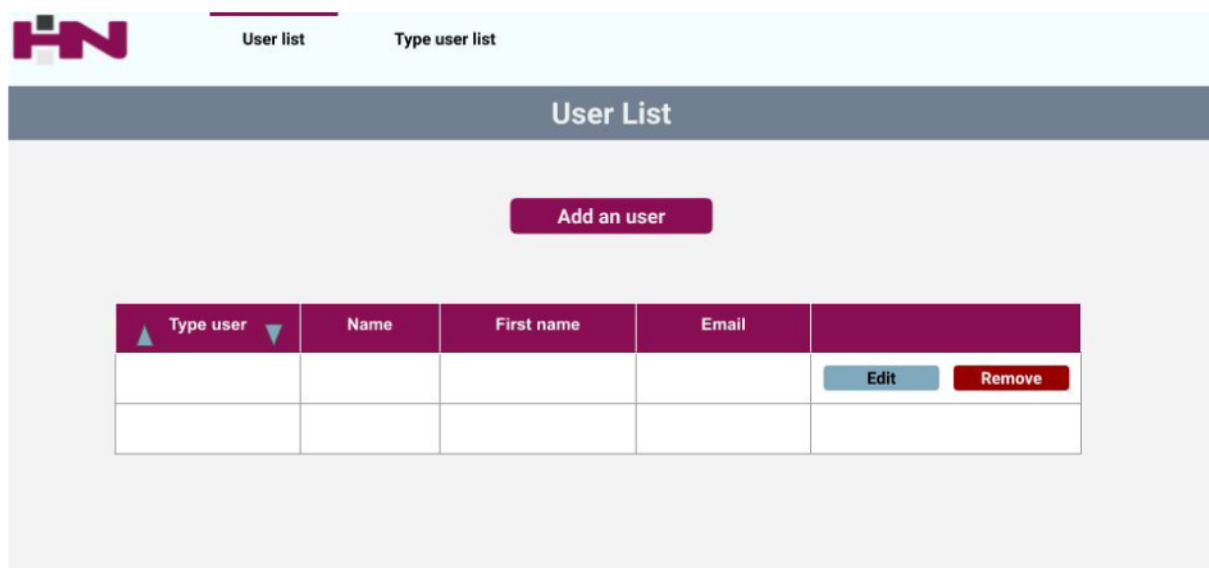
User Form :

User list   **Type user list**

Add / Edit an user

Name

First name

Email

Type user

Create

This page contains a form with a text field for the user's first and last name. A user list allows you to select a type of user contained in the database.

The form for editing a user is the same, however the field are pre-filled.

User list :

User list   **Type user list**

User List

Add an user

▲ Type user ▼	Name	First name	Email	
				Edit **Remove**

This page lists the users of the database. a delete button allows you to delete a user from the database. The edit button allows you to modify a user.

To access a profile of a user, you can create a link in this table by clicking on the name for example. You also have the freedom to create a button to the profile.

This table can be sorted with the different parameters (type user, name...)

At the spring boot level, two objects will have to be created: user and user type. Your database will thus be made up of two tables, with a foreign key linking the user and the type of user. It will be necessary to create the functions to add, retrieve, edit and delete a user and a user type.

Create a folder containing the front (angular) and the back (spring boot) with a docker compose file.