

MobiPA : Solidarity carpool app

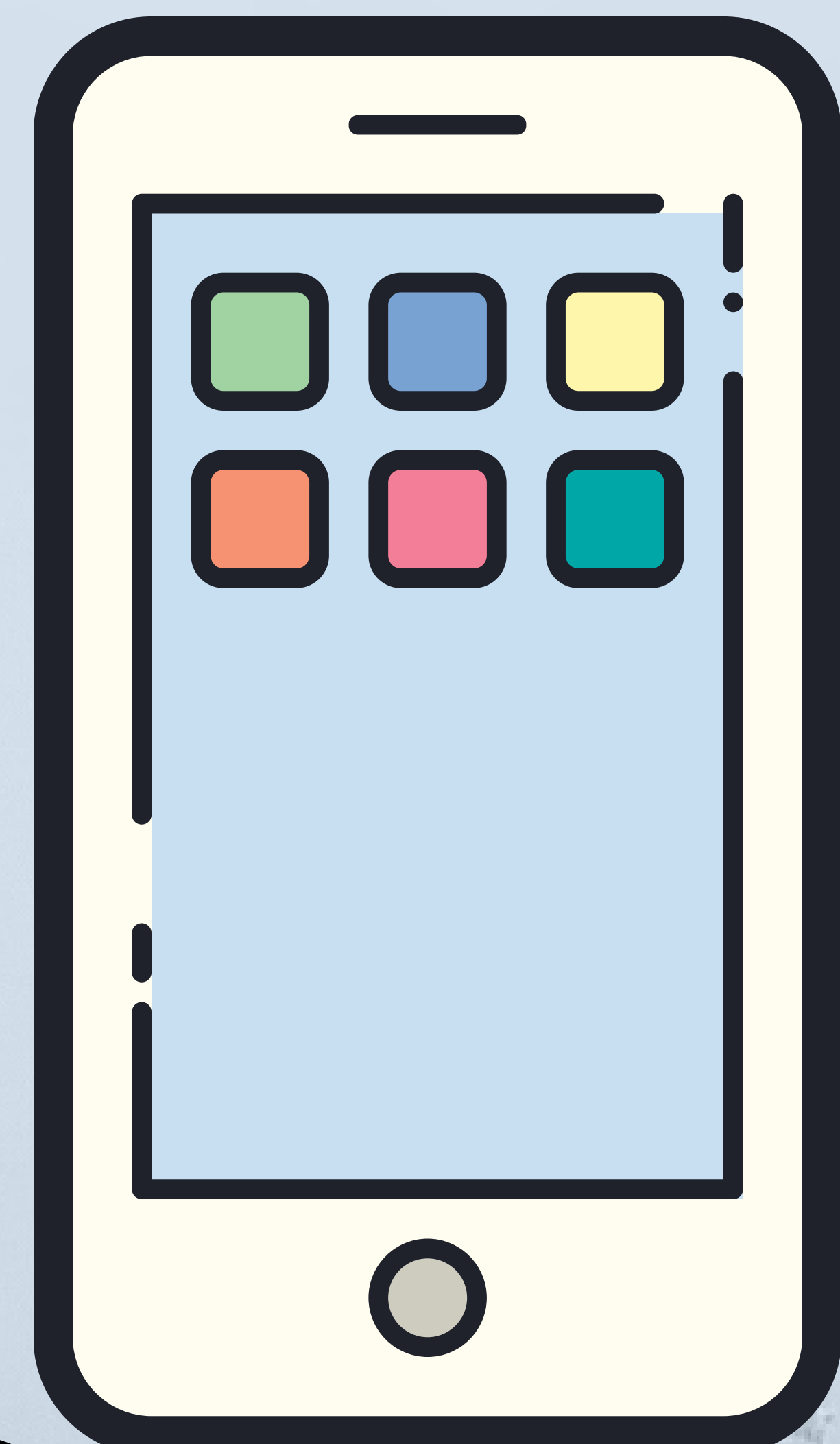
Who ?

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Objective

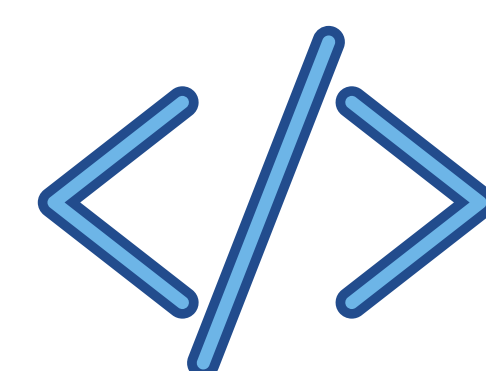
We are to develop a carpooling app for the city La Mure, France. The purpose of this app is to allow people, especially seniors or handicapped people to have more freedom, to move from one place to another and to get help without paying a single euro.



Where is it deployed ?

Our app is to be deployed on both iOS and Android, but we are also providing a web solution if you do not have a phone that can download this app (This is very important, as elderly do not have smartphones).

iOS



Technologies

The main challenge for this project is to make it accessible for everyone on every platform.

So, we've chosen our technologies as follows :



In order to have a single code to do everything, Flutter was an obvious choice. It enables us to deploy on every platform with a single code. It is very efficient and powerful.



We obviously have to store all our informations :
to do so we have chosen Firebase by Google. It is very easy to use and enables us to handle everything we need such as authentication and data.



To develop and write our code, we are using Android Studio as it is very powerful with a lot of tools for mobile development.