

# Executive summary



**MIJOTONS**

**M4106 : Projet tutoré**  
**Commanditaire & tuteur : DOURISBOURE Yon**  
**Groupe : N°7**

**DUT Informatique S4**  
**2021 - 2022**

**MARIS Xan - ROYET Jules - ABDELHAK Yanis - OSWALD Bastien**



Mijotons is a multifunctional food application, which allows the user to choose a set of recipes according to the food keyed in previously.

Living alone for the first time as a student brings with it problems of organisation and expense in the design of meals. Over time, these problems have been solved by developing habits and reflexes to gain efficiency. Mijotons is a fusion of these solutions that can be found with functionalities such as recipe search, restaurant search and shopping list. This application will help students get organised when they move away from home to go to college. It also saves money (only buy what you need) and avoids waste (recipes with what you have in your cupboards).

The communication of this project was done using tools such as Discord, Git & Github and Trello. In terms of organisation, we planned the entire design and programming on Gantt Project. The prototypes were made with Balsamiq Wireframes. This application was coded in XML (for its design part) and Java (for its object-oriented part) via the IDE (Integrated Development Environment) Android Studio. Finally, its database coded in JSON allows the application to work without Internet.

The first tests carried out by students of the IUT (target audience) proved conclusive. Despite a few graphic bugs to be fixed, the functionalities of Mijotons meet their needs while remaining simple and intuitive. The design, which mixes a modern and natural style, is appreciated.

In conclusion, we managed to produce a computer project from scratch, free, using only free computer solutions and relying on our courses. It will have allowed us to deal with a real and professionalising dimension of our training, while allowing us to really have a beneficial action for our community, all this in a playful way.

Key Word : organisation, food waste reduction, money/time saver, students

MARIS Xan, ROYET Jules, ABDELHAK Yanis, OSWALD Bastien - DUT INFO S4  
-TP3