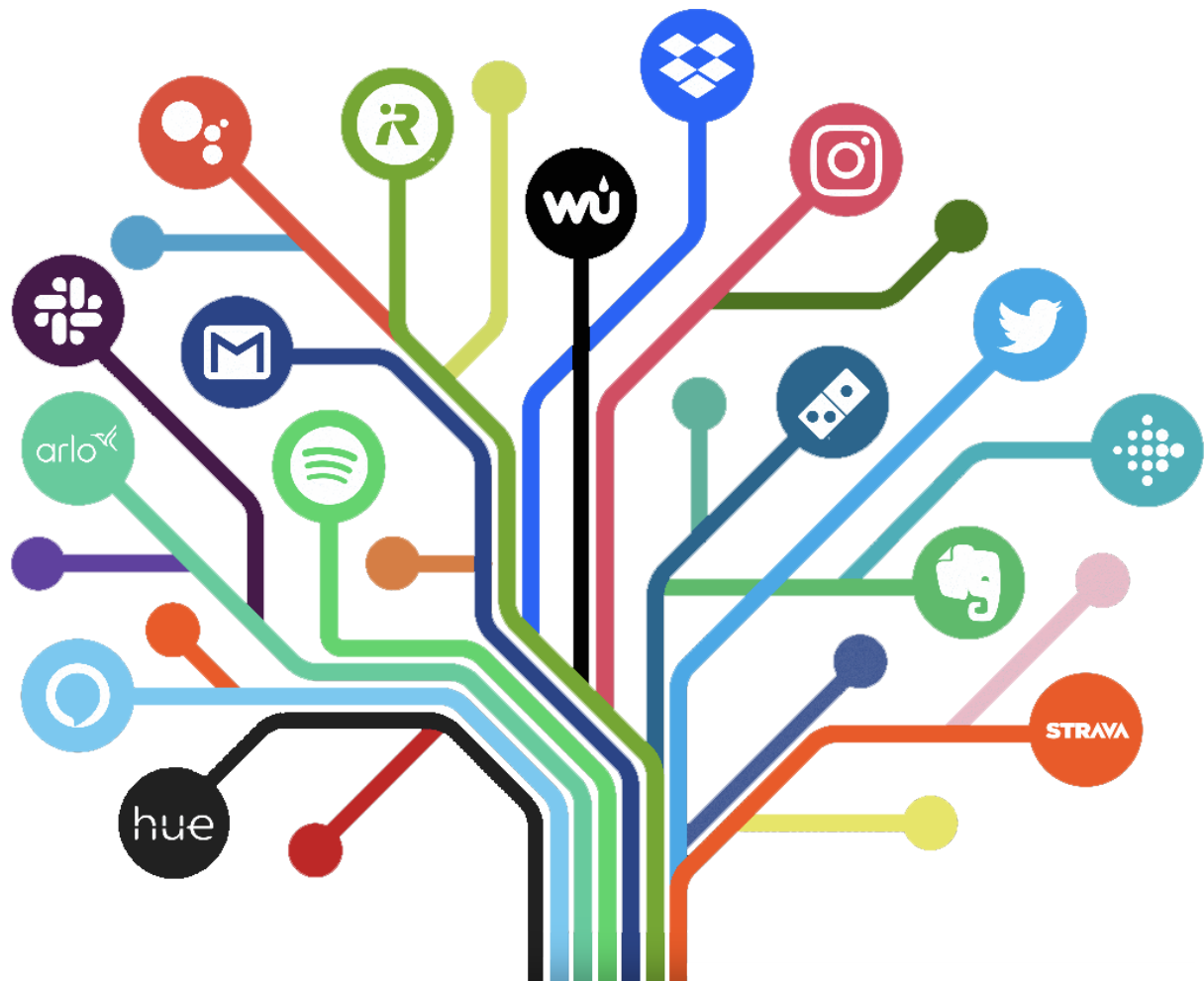


# Area Documentation



Martin Saison - Geoffrey Lazzari - Pierre Bastiani - Victor Sorais - Jérémy Dumesny

# **Summary:**

## **I. Project overview**

**A. Libraries used**

**B. Project structure**

**C. API used**

**D. Project build**

## **II. User part**

**A. Register and Login**

**B. Register to services**

**C. Set up your Area**

## I. Project overview

The goal of this project is to discover, as a whole, the software platform that we have chosen through the creation of our business application.

To do this, we must implement a software suite that functions similar to that of IFTTT and/or Zapier.

This software suite will be broken into three parts:

- An application server ( MariaDb / NodeJs Express )
- A web client ( VueJs )
- A mobile client ( Flutter )



### A. Libraries used

For the backand, we use nodemailer, ngrok and prisma.

For the design of the web application, this project uses Bootstrap, Epic-Spinners and Vue-grid-Layout.

For the mobile application, the principal lib we use are Dio, lines\_icons and video player.

## **B. Project structure**

We had to develop several more or less independent parts. Each of these parts is free to use the technologies of our choice.

In order to homogenize the construction of such a project, the project is based on the use of Docker Compose.

## **C. API used**

Here are the different API used for this project:

- Gmail (<https://developers.google.com/gmail/api>)
- Twitter (<https://developer.twitter.com/en/docs>)
- Github (<https://docs.github.com/en/rest>)
- Discord (<https://discord.com/developers/docs/intro>)

## **D. Project build**

This project is built using Docker.

The project structure separates the back, the web there is one Dockerfile in each folder with a docker-compose.yml file at the root.

Front server: localhost:8081

Back server: localhost:8080

Mobile apk download: localhost:8081/client.apk

## **II. User part**

### **A. Register and Login**

To access our Area application, you will first need to create an account using “Sign-up” that you can see on the landing page of the app.

To create your account you will be asked to put your email and a password. After that you will receive an email to confirm your account.

You can also use an existing Google account and skip this part.

If you have registered with your Google account, you just have to click on Login with Google.

If you have chosen the second option, you will reconnect automatically each time you go to the login page (unless you manually disconnect from the application).

### **B. Register to services**

In this section you can see the services you are registered to.

You can also register to the other services that will allow you to have access to new Triggers and Reactions which can be used in your Area.

## **C. Set up your Area**

All of the actions will be done from the Dashboard page.  
First of all you will have to choose Triggers and then Reactions.  
Note that you will be only able to select the service that you have already registered.

After the creation, you will be able at your convenience, to edit your Area by selecting your action/reaction.  
Same if you want to delete one of them because you don't want to use them anymore.