



# Software Engineering project description

## **Group members :**

Emilie Jean : Project Manager  
Pierre Perrin : Design Manager  
Rudy Balzano : Developement Manager  
Baptiste Mouton : Database Manager

## **Name of the software :** *sched'it easy*

## **Logo :**



## **Technologies for collaborative work :** Github, google drive, messenger

## **Project description :**

Anywhere you are, making schedules is always a complicated point. In university, in a library or in your office, being able to have a clear schedule and reservations for the room is very important. Solving this problem is the project of this application.

There will be 2 main functionalities : Book a room for a meeting or book a meeting without reserving a room and another functionality is entering subjects (of meeting or school subjects) and the application could automatically create a schedule with the subjects and the other constraints you gave (period of time, number of repetitions of each subjects for examples).

Meetings can be public or private. If they are private, only those who are invited can see it, the others will only see that the room is not available. If the meeting is public, everybody can see it but you can still chose who is invited. They will see it appears in their schedule and will be able to say if they can come or not.

## **Possibles actions :**

- As an Administrator :

- You can add new rooms and new subjects.
- Use the subject to create an automatic schedule like explained.
- Book a room for a meeting.
- Add a new administrator.
- Delete a client.
- Do all the task a client can do (an administrator is also a client and can be invited to a meeting).
- Validate the demands for inscription or for the rooms.

- As a client (person with an account) :

- Check your schedule.
- Answer if he can come to a meeting.
- See the available rooms and ask for a reservation (that need to be accepted by an admin).

- As a visitor :

- Create an account (need to be accepted by an admin)

## **Other actions :**

Login : Client will connect with a login and a password.

CRUD :

A room is described by a number and a capacity

A subject is described by an UE and a description

A client and an admin are described by : name, firstname, mail