



# GOMYCODE®

**Setting a MERN app with this  
topic:**

---

**doctors directories with the  
possibility of getting an appointment  
*(Details Will follow ...)***

---

**Presented by :** [Khalil SALHI](#)

**Supervised  
by :** [Wassim bouchlema](#)



**Introduction**



**The use case Diagram Study**



**The Class Diagram Study**



**Features / optimisation**



**Conclusion**

## Problem:

- ❖ **For the design of our app we adopted an object oriented method.**
- ❖ **To better present the architecture of our system, we will choose the most widely adopted UML modeling language:**

⇒ **Let first discuss the topic of this project**

## Goals

- ❖ A website containing doctors details and addresses
- ❖ **A patient can have an organised manner of getting appointments**
- ❖ **Having the credibility and having good services/ take feedbacks in consideration**

# The use Case Diagram

---

## Actors :

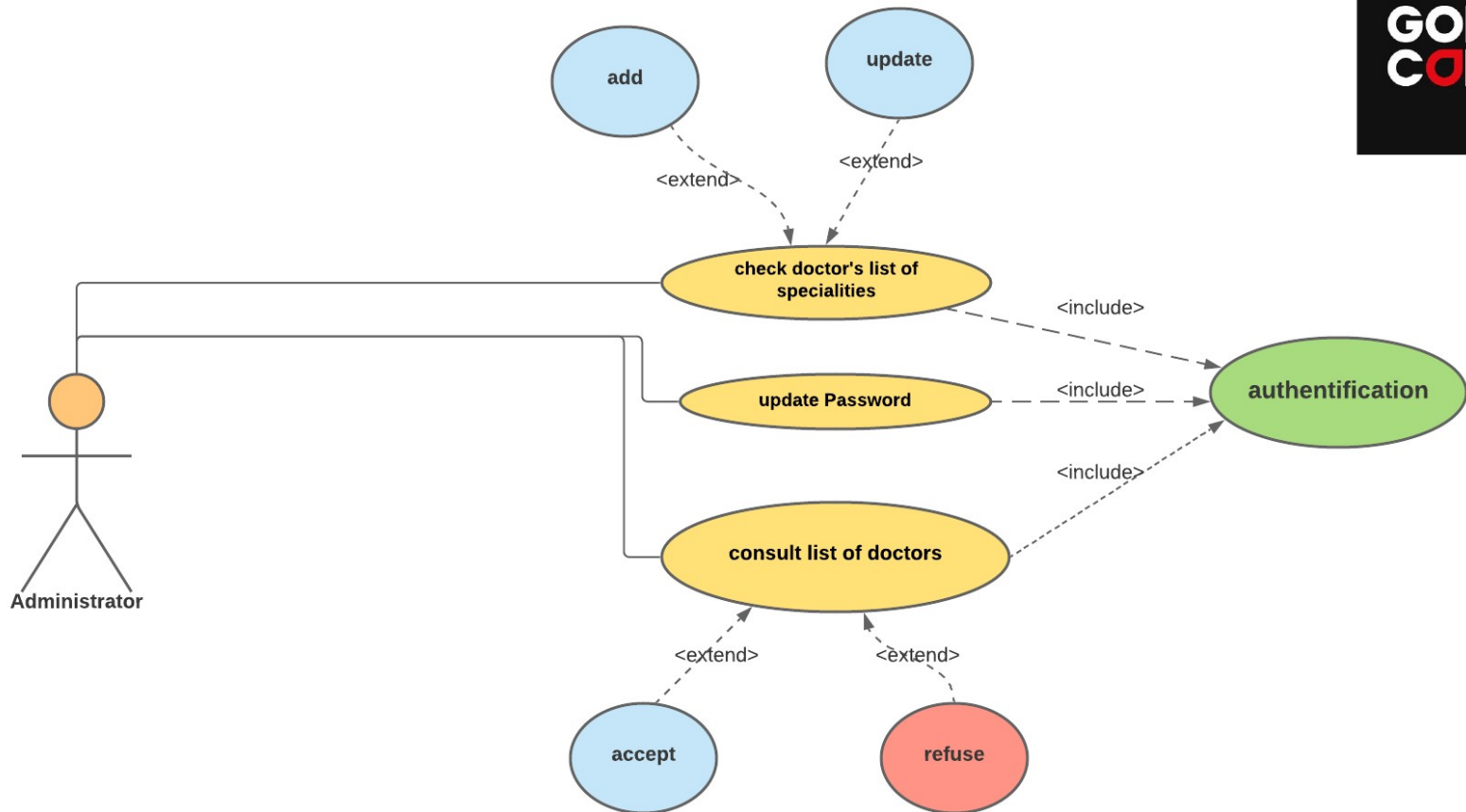
- ❖ **Actors are external entities that interact directly with the system and communicate with it by sending and receiving messages.**
- ❖ **The actors and the use cases are summarized in the following table:**

# The use Case Diagram

## Actors :

Use CASE	ACTOR
Accept/refuse RDV	Doctor
Upload CIN	doctor
Seeking a doctor	Patient
Get an appointment	Patient
Consult his appointment	Patient
Manage the specialities	Administrator
Verify the doctors ID	Administrator
Update profile	Doctor/patient

# The use Case Diagram



done by  
Khalil

# The use Case Diagram

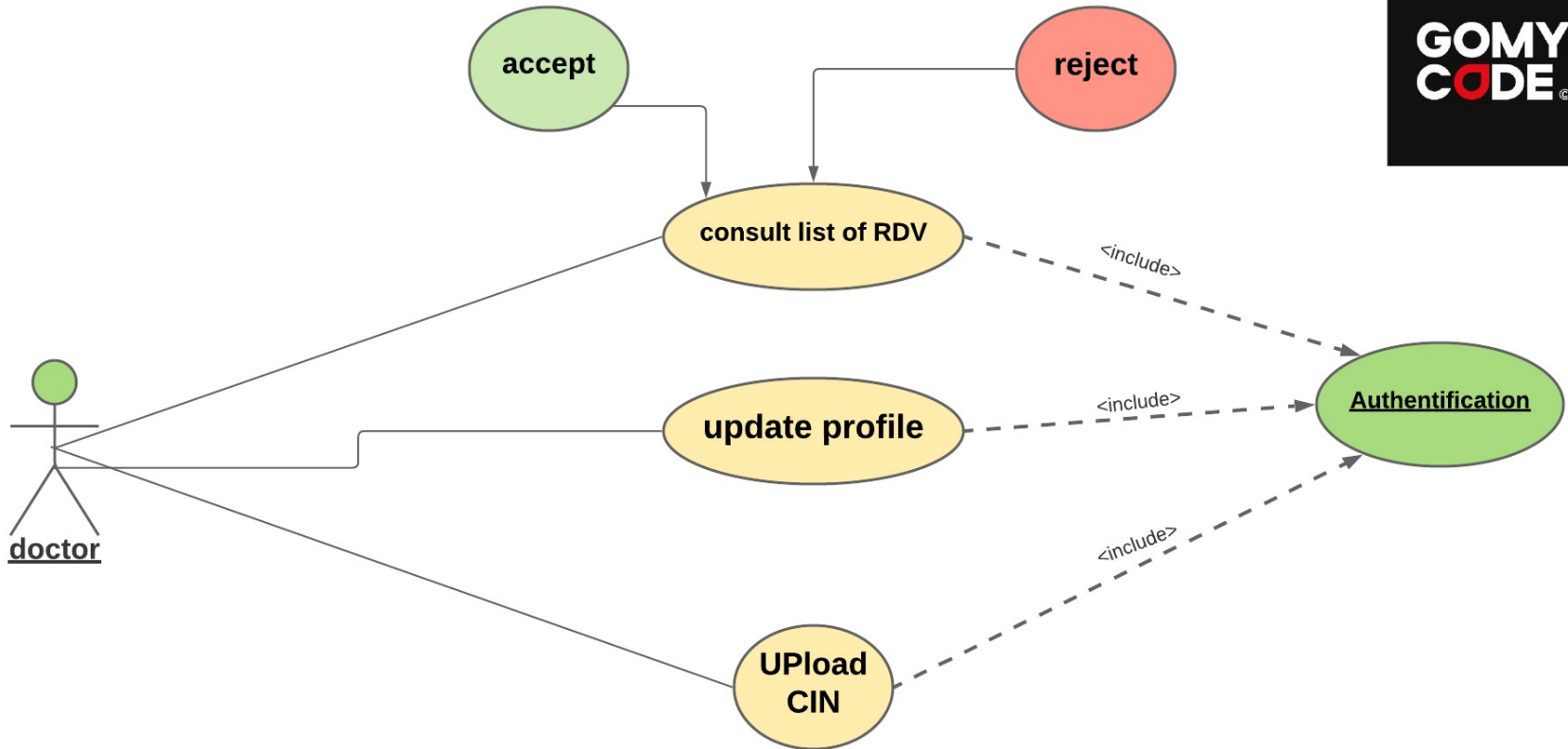
---

## ctors :Administrator

- The administrator can manage the specialties, adding a new specialty or / and modifying an already existing one.
- In addition, the administrator is the only one who has the right to accept or reject a doctor.
- after verification of the identity card sent by the doctor, the administrator has the option of validating or refusing the registration



# The use Case Diagram



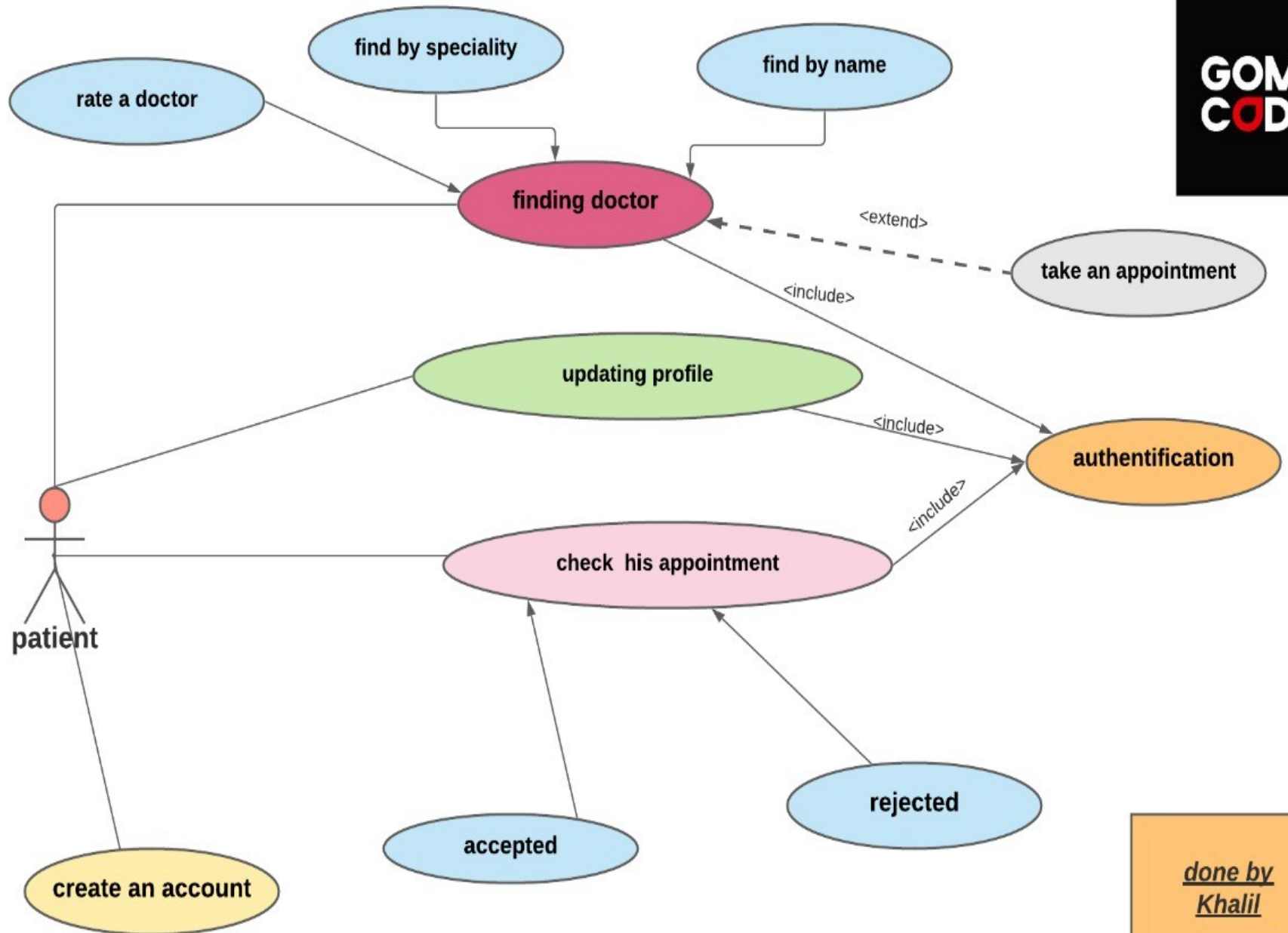
done by  
Khalil

# The use Case Diagram

---

## Actors : Doctor

- the doctor can accept or decline an appointment
- The doctor can change his profile .
- The doctor can upload his ID to get analysed by the Admin .



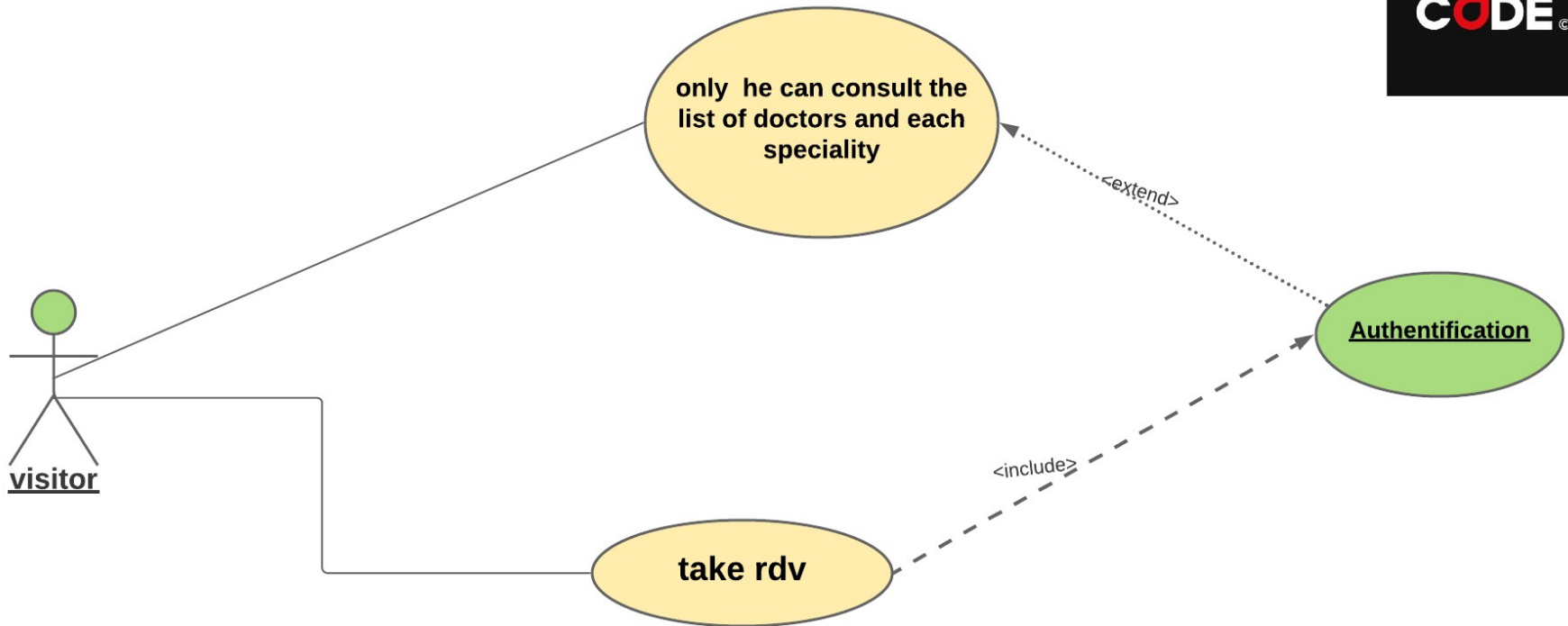
# The use Case Diagram

---

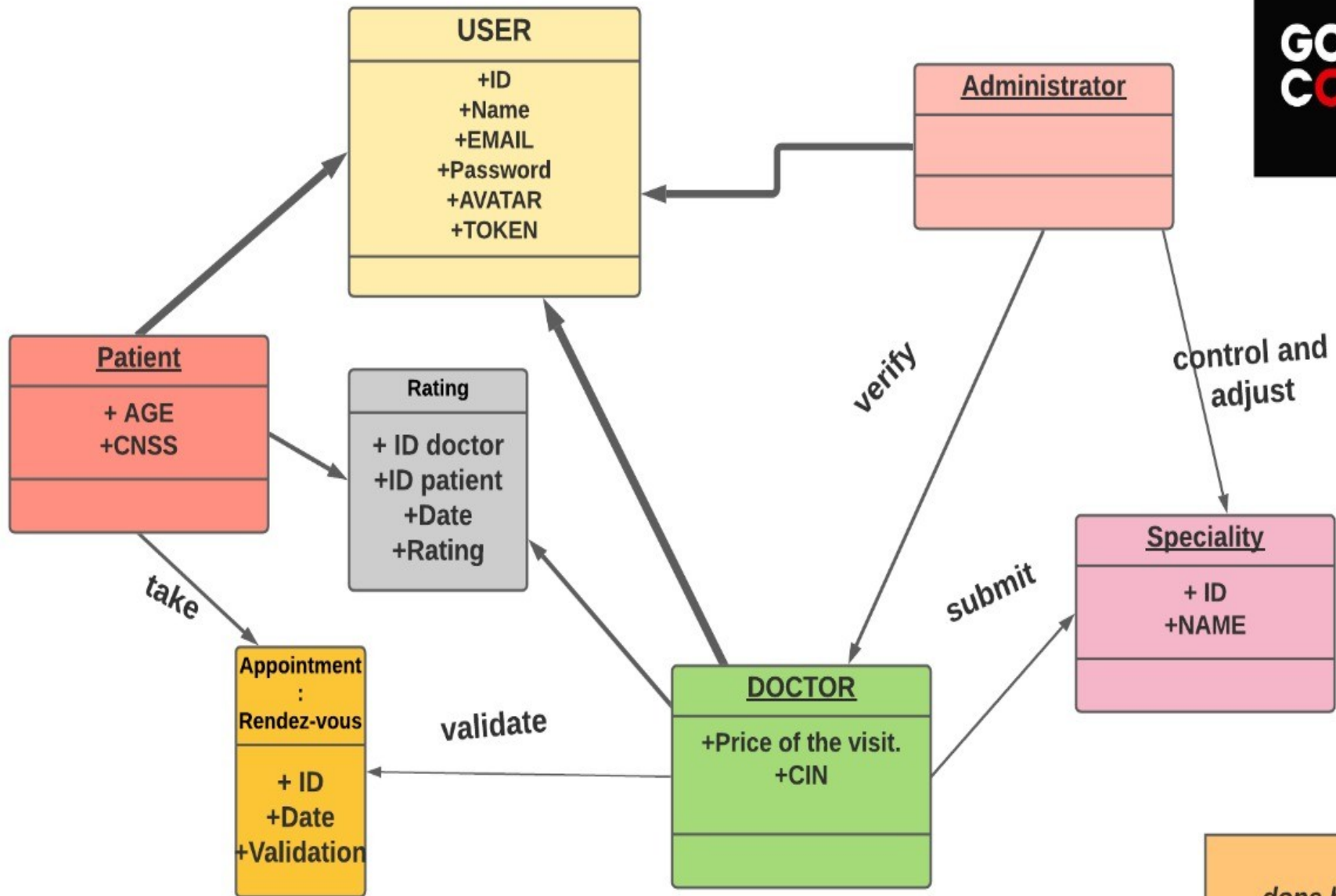
## Actors : Patient

- A patient can search for a doctor directly by name or by specialty.
- Once the doctor has been selected, the patient can make an appointment
- The patient can also change his account information. And rate a doctor

# The use Case Diagram



done by  
Khalil



*done by*  
*Khalil*

# Features / optimisation

- To make an appointment, the patient selects the date and time of the desired appointment. After checking the doctor's availability
- The doctor can manage his availability, he can add or modify his days and hours of work.
- If an appointment is accepted, the doctor can manage the patient's file: he can add a prescription.
- We can add others actors like medical representative or a pharmacist.

# Thank you

