Testing procedure

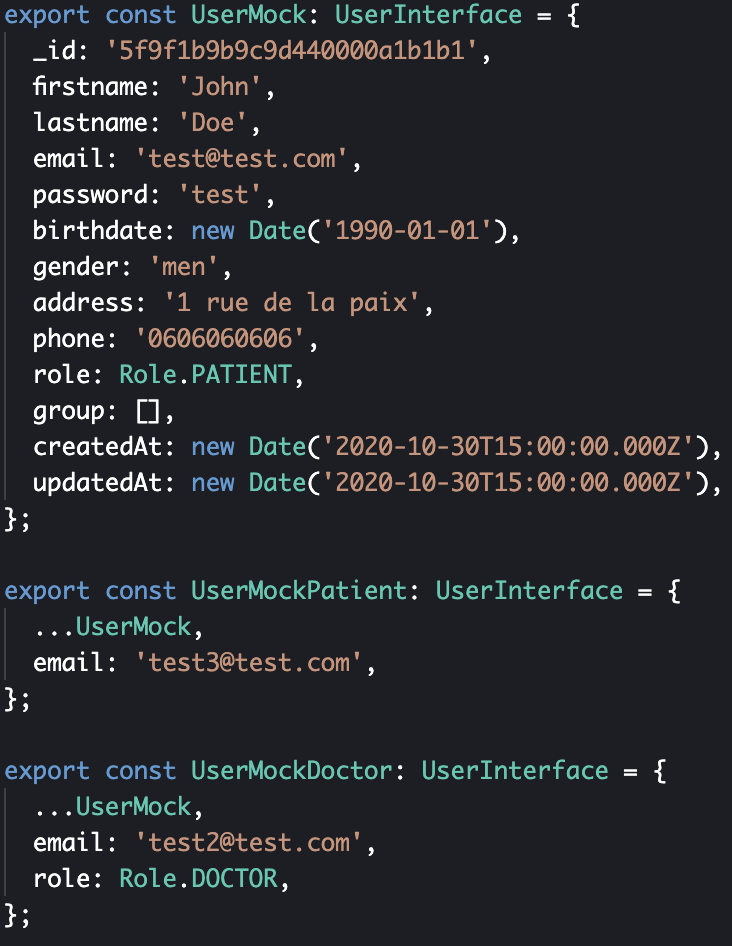
When we test a feature, the test should always return TRUE if the process tested is working as expected. If it’s not working as expected, it should return FALSE so that the system knows where there is a bug.

Each test should be implemented in a specific branch different than the feature branch. The database should be cleaned after each test so that each test starts from a clean state.

# UC1 – Authentication

* Should test that user can register with the UserMock
  + - If the user is created -> return true
    - If the user cannot be created -> return false
  + Should test that the password is strong enough when the user registers
    - If the password respects the rules - > return true
    - If the password does not respect the rules -> return false
  + Should test that user cannot register twice with the same credentials
    - If the user cannot register twice -> return true
    - If the user can register twice -> return false
  + Should test that user must submit a complete form
    - If the user has submitted a complete form -> return true
    - If the user has not submitted a complete form -> return false
* Should test that user can login into the platform
  + If the user exists in the database and the credentials are correct -> return true
  + If the user exists in the database and the credentials are false –> return false
  + If the user does not exist in the database -> return false

## Mock data for the test



# UC2 – Examine Health Information

* Should test that a job runs on demand to generate fake health information for all the users
  + - If the data is generated for all users –> return true
    - If the data is not generated -> return false
  + Should test that strange data from sensor is recognizable
* Should test that an authorized user can retrieve patient data
  + If the user is authorized and the data is retrieved -> return true
  + If the user is not authorized or the data is not retrieved -> return false