LAB API

The goal of this lab will be setup all the needed environment for the project and start to play with Flask.

**You will Submit a file with one screenshot for each step** ☺

1) Python environment
    a. Using the cmd, run the command "pip install flask"
    b. Using the cmd, run the command "pip install pymongo"

2) Create MongoDB account
    a. Access the website https://www.mongodb.com/cloud/atlas/register , create your account and sign in.
    b. Create a new project
    c. Create a database
    d. Create the username and password for your database
    e. Generate the string connection

3) Install postman
    a. Access the https://www.postman.com/downloads/
    b. Download and install postman

4) Running the class code
    a. Download the code from last class
    b. Open it inside visual studio code or any other IDE of your preference.
    c. Inside the database folder, go to the __init__.py file and change the string connection to use yours.
    d. Run the app using "flask --app app run", remember that you must run the command inside of the folder where the app.py file was created.

5) Make requests
    a. Open postman to test the two endpoints that we created las class
    b. Make the POST request to add a new user
    c. Make the GET request to fetch one user by ID

6) Creating new endpoints

a. Create a new endpoint of type POST that will be used to make the login, the body of the request must have email and password. If the credentials match with the database values, return the ID of the logged user.

b. **(Challenge)** Create a new endpoint of type GET to fetch all the users inside database. For that you can use the function find() for example:

    i. database["TEST"]["user"].find()

    ii. This will return a list from the database, but you must do a foreach to create manually the list of users in python format. Return the list of users inside one key called "users" when this endpoint is called.