



# ClimbingAPI

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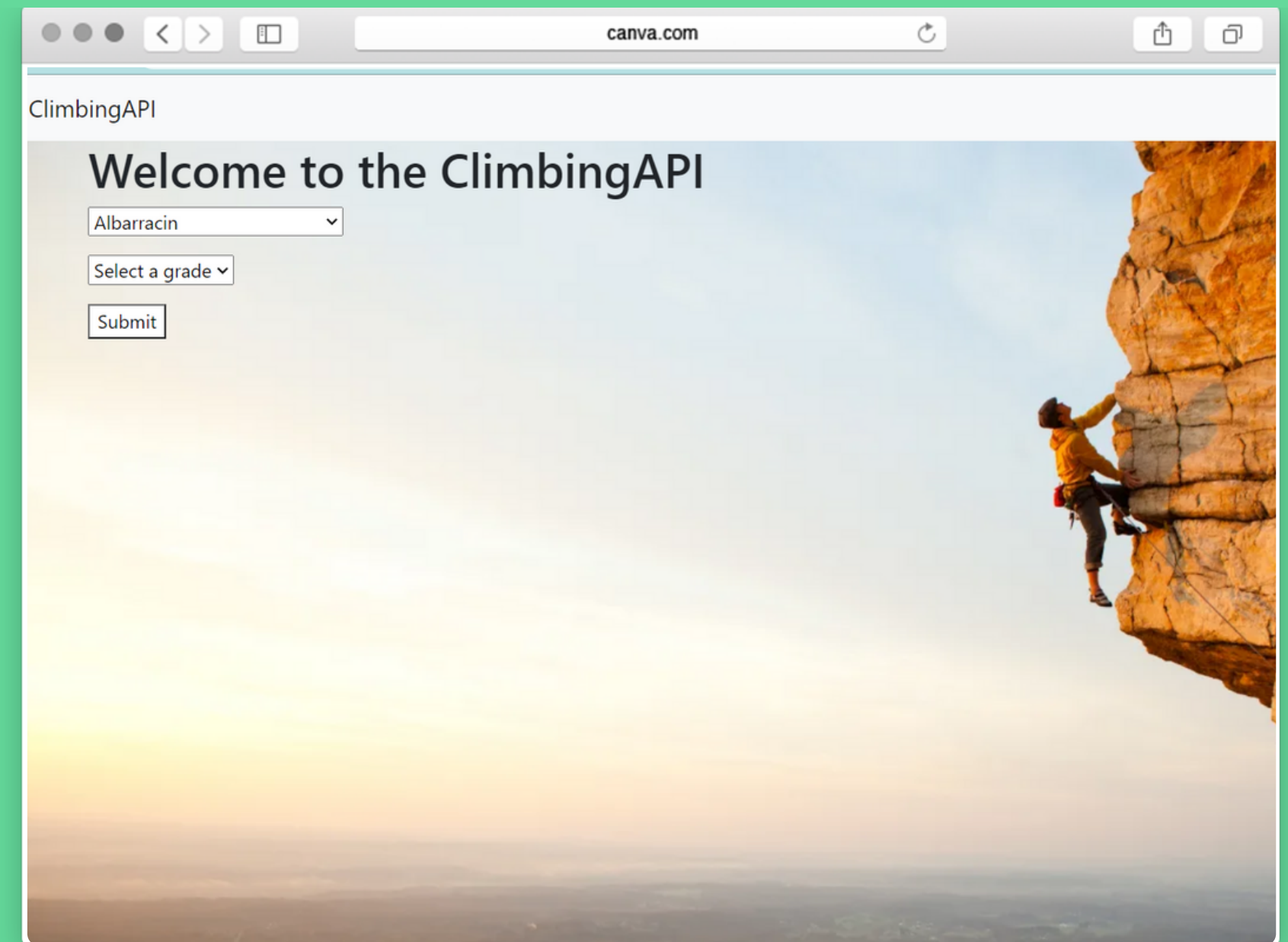
# ClimbingAPI

## API for searching climbing routes

Providing the area of interest and the grade of the route it returns the most popular routes there.

## Webpage environment

User-friendly webpage for interacting with the API.



# Process

## 1. Webscraping

Extract the information of the routes from the webpage 8a.nu

## 2. Insert data to MongoDB

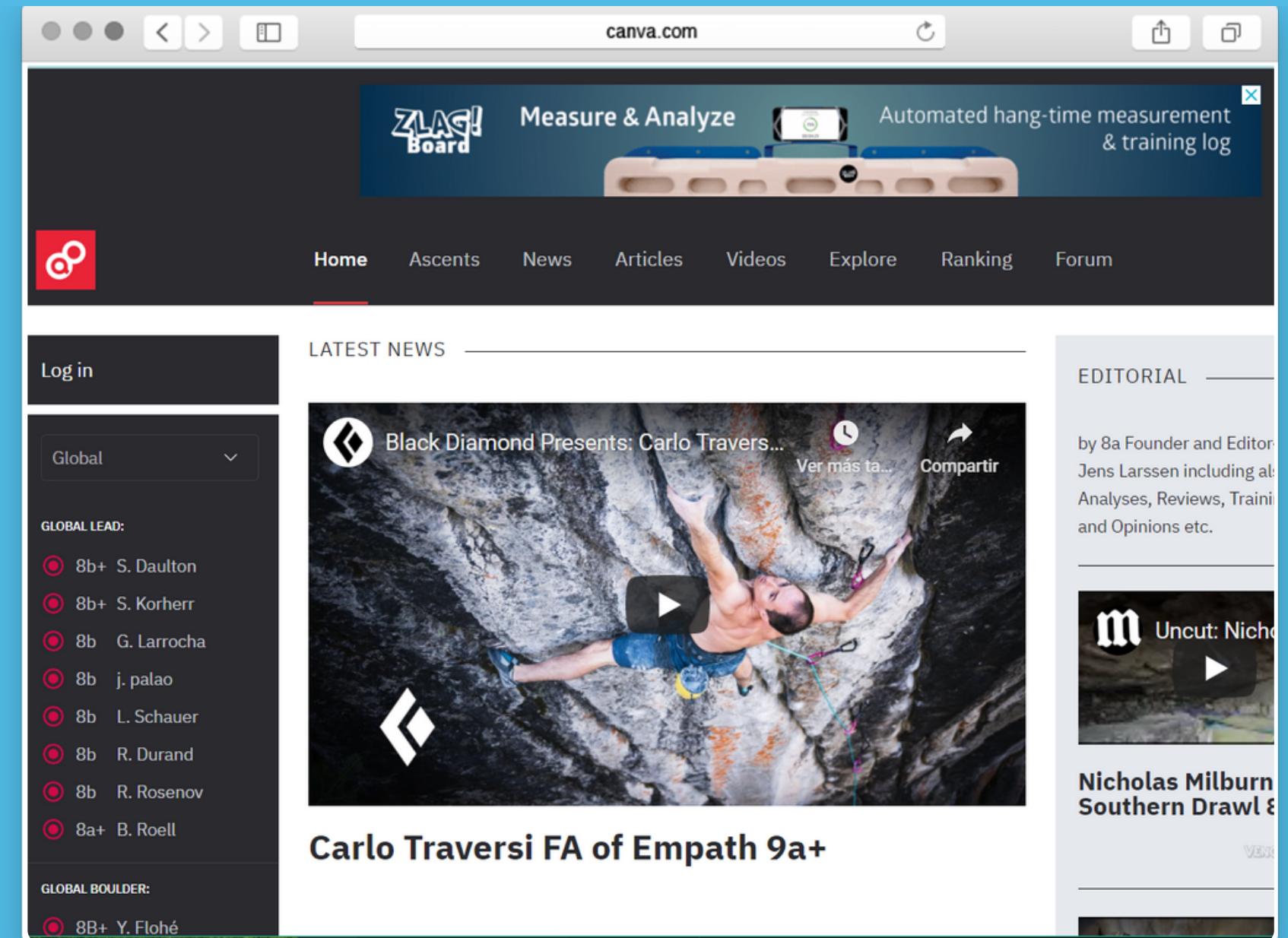
Save all the information obtained from webscraping to MongoDB

## 3. API creation

Create the endpoints of the API to extract the desired information from MongoDB

## 4. Webpage creation

Create the webpage to show the information extracted with the API



1

## Webscraping

- Selenium
- Python
- Requests

2

## Database

- MongoDB

3

## API

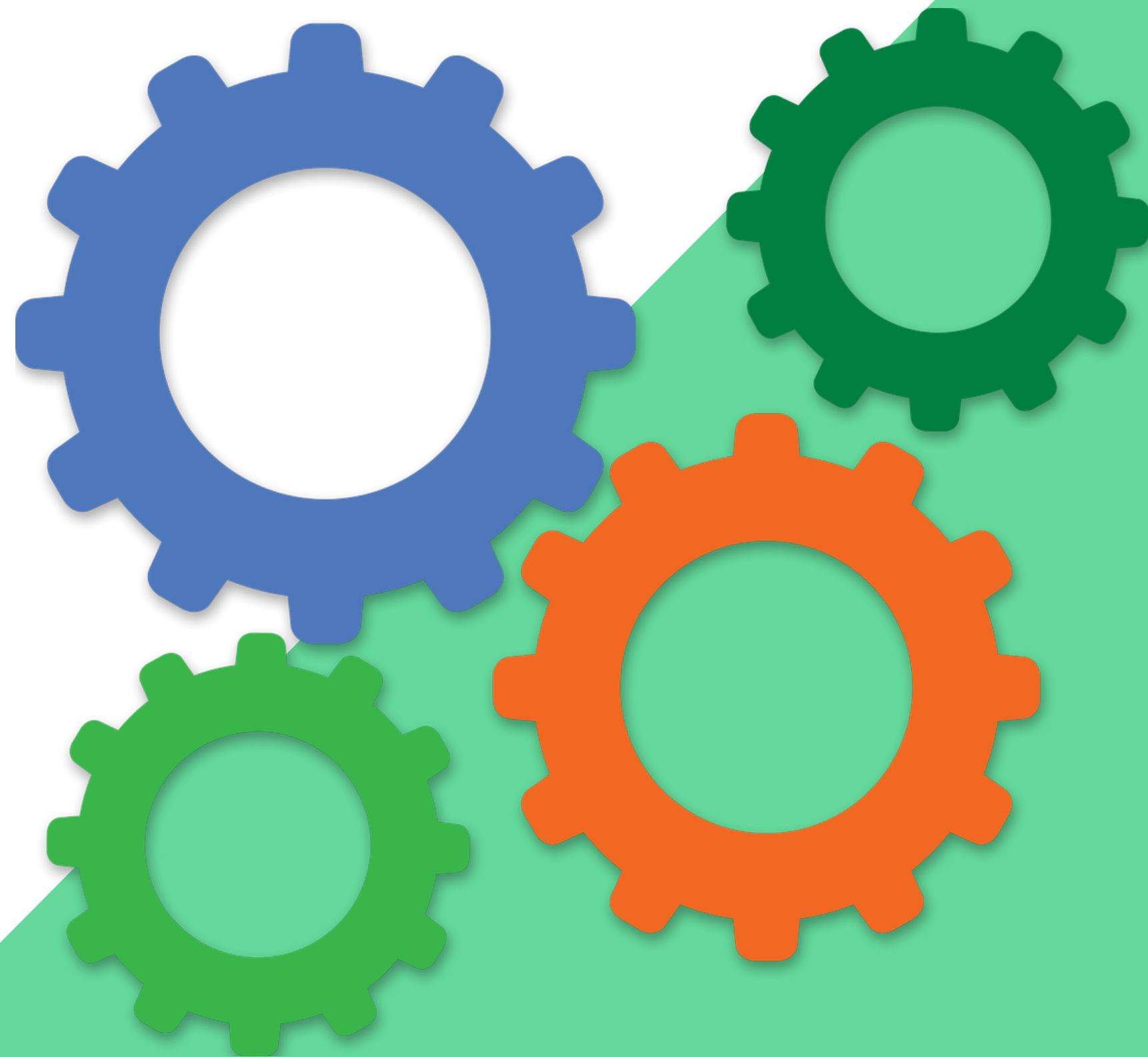
- Flask
- Python

4

## Webpage

- HTML
- CSS

# TOOLS



HOW IT  
WORKS



# Further development

- Add more areas to select
- Interactive map to see the location
- Add the sector depending on the area to the selection menu



Thank you!