Image Locator App Documentation

Release 0.0.1

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EVT

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Content

Introduction

Humans are social beings and we love to spend valuable time with the people that we love. The most important thing about the past to remember it. Unfortunately, human memory is limited and need help to remember past events. Photos are a great way to remember past experiences and the places we have being. For that reason, the goal of this project is to design an website that will be able to store pictures, and decode where the image was taken.

The final product will let the user to create an account, see all the picture that he/she took and identify the location from the map. Due to time constraints, the first release of the application, will only let the user upload their photos, decode the image's location and display a map where the user will see where the image was taken.

Set Up

The application is a web-based. So, it had to be deployed in a server. The database provider Linode is hosting the website. For a better performance, it was necessary to set up and exclusive remote server. The steps to set up the server can be found here (https://www.linode.com/docs/getting-started/).

To deploy a python flask application, it was necessary to install unicorn (web server service) and Nginx (reverse proxy) in the server. They opened the ports so any user that knows the IP Address will be able to access it.

Set up the application locally

You can also install the application locally. You just follow the steps

1) Download the project (https://github.com/alej96/CodingChallengeEVT.git)

2) Install all the necessary packages. To make it easier, you can run the following scripts and it will automatically install all the python packages. Go to /setupPackages/

2.1) For Windows, run **`setUp_pkgs_Windows.bat`**

2.2) For iOS, run **`setUp_pkgs_iOS.command`** (I have not test it)

2.3) For Linux, run **`setUp_pkgs_Unix.sh`**

3) Using the command shell, set up your working directory in the folder that contains your folder

4) Run **`export FLASK_APP=main.py`**

5) Then **`python -m flask run`**

6) You will get a local IP Address like **`http://127.0.0.1:5000/`**

7) Paste it into your browser