

dogstagram



user manual

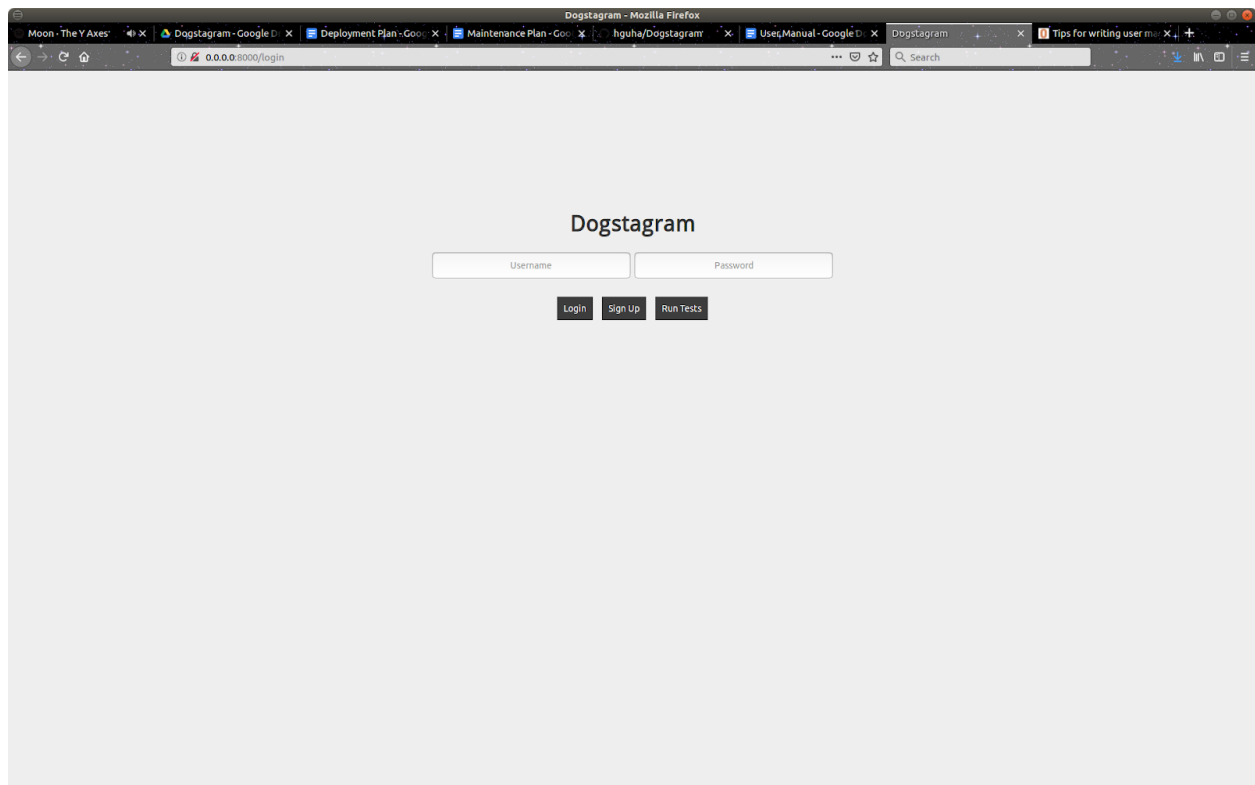
Introduction

Hello dog lovers, welcome to Dogstagram. Dogstagram is a social media platform specifically dedicated to posting and celebrating dogs everywhere. After installing, the application is fairly straightforward to use, but in this guide we will go over the basic features. Dogstagram was created to combat social media being used as a tool for negativity, so only images with dogs are accepted. Under the hood, Dogstagram utilizes JavaScript, Python, Flask API, TensorFlow API, and Firebase, but you don't need to worry about that. We hope you enjoy sharing dog pictures with your friends!

-the Dogstagram team

Startup Guide

To install Dogstagram, open a terminal and pull the Github repository from <https://github.com/hguha/Dogstagram>. Make sure that version 3 of Python is installed, and navigate inside your new Dogstagram directory. After doing so, run `pip install -r requirements.txt`. This sets up the dependencies for your Dogstagram to run. Then, navigate to the app folder and run `python main.py` to begin running the application, and go to the url the application is running on; this url should be listed in the terminal (mine displayed as “Running on <http://0.0.0.0:8000/> (Press CTRL+C to quit)”). At this point, you should see the Dogstagram login page open in your terminal.

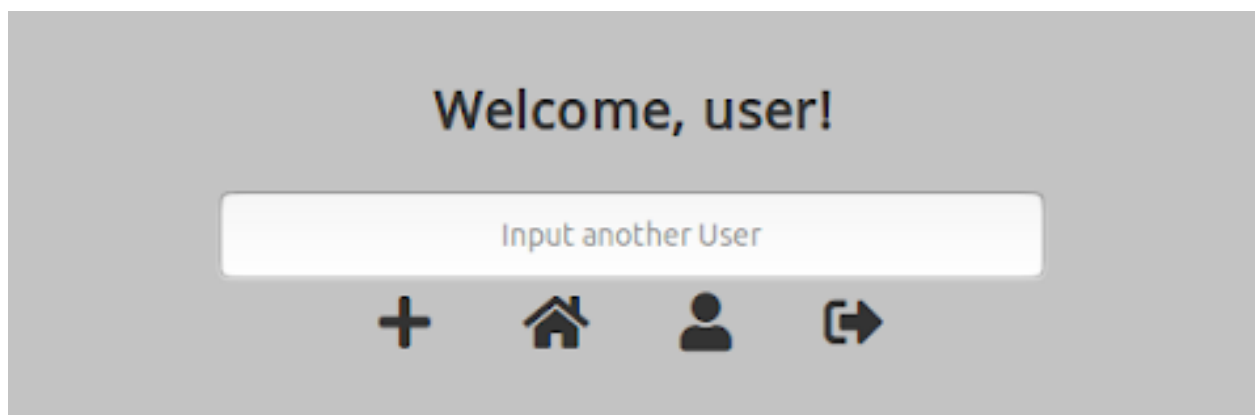
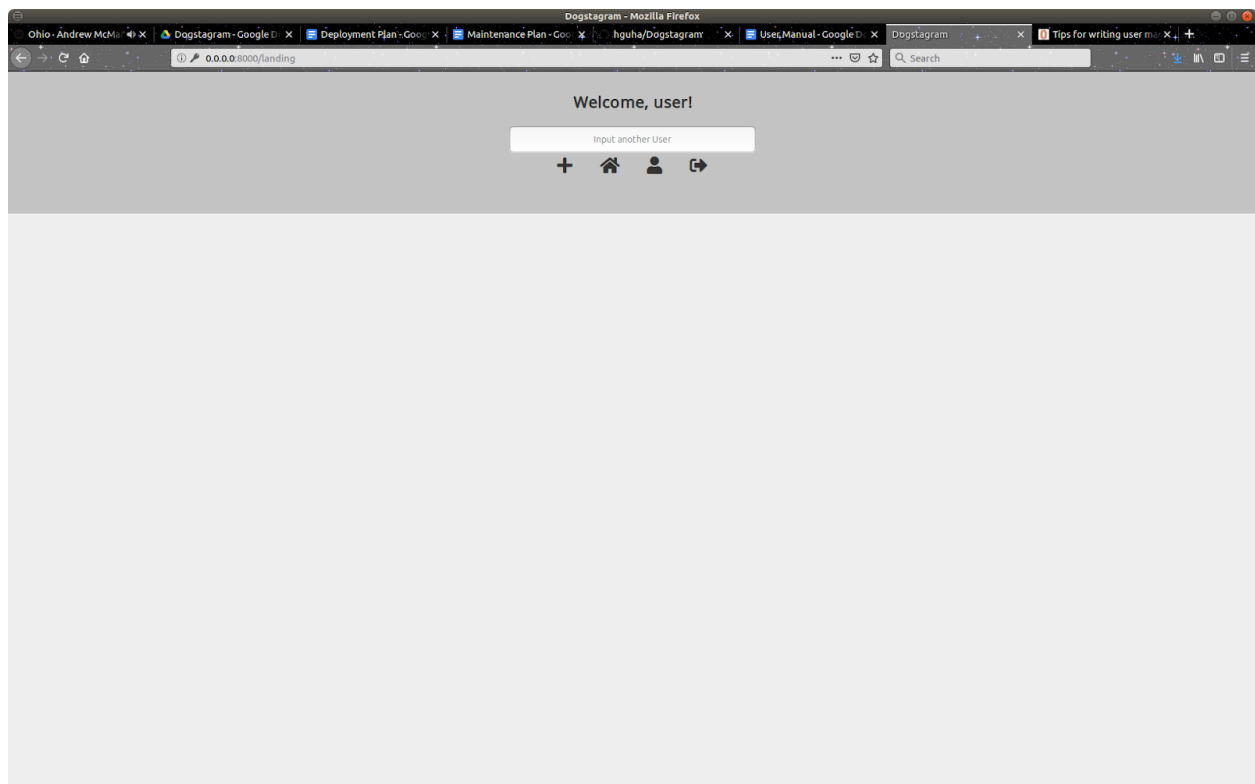


Dogstagram login page.

How to Use

Once on the landing page, you can create an account by typing in a username and password in the given fields and clicking “Sign Up”. Your username/password combination is case sensitive and is immediately usable. As you’d expect, to sign in, enter your username and password and hit “Login”.

This will take you to your own personal landing page with a group of widgets toward the top, as shown:

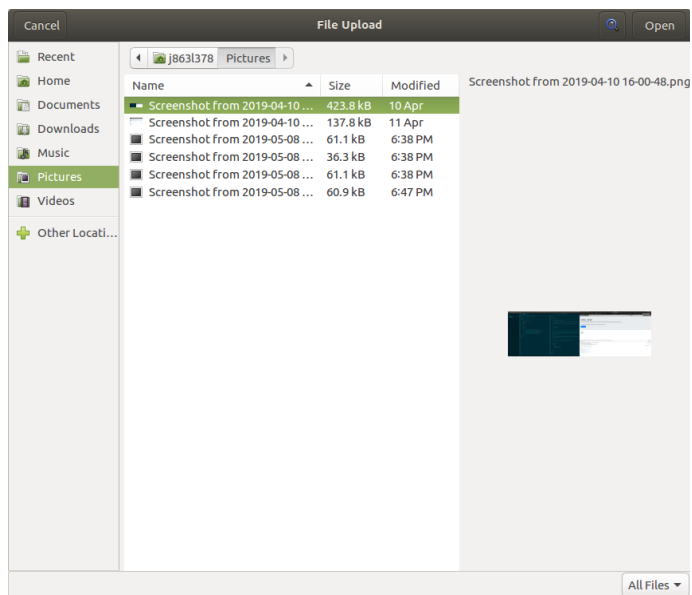


Landing page showing widget details.

From left to right, the widgets are Upload, Home, Profile, and Logout. The text field above the widgets allows you to navigate to another user's profile page.

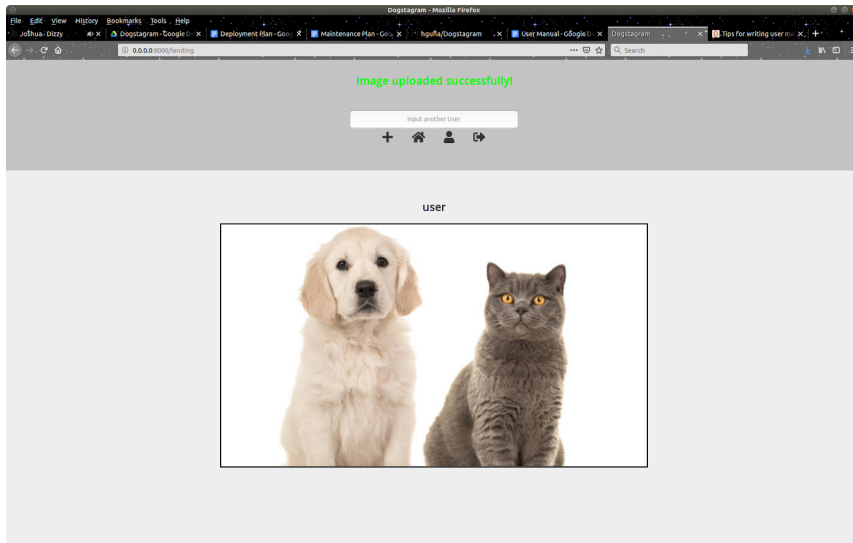
Upload

This is the fun part. By selecting Upload, you're taken to a window where you can choose a dog image to upload:



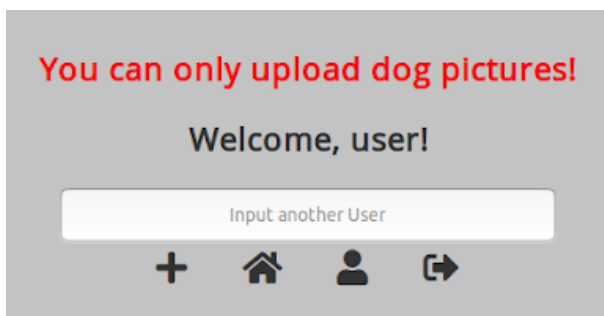
Selecting an image.

At this point, the app will determine if your photo actually contains a dog based on its artificial intelligence algorithm. If it's approved and uploaded, you will see a green message toward the top of the screen as well as the photo you selected.



An example of a successfully uploaded image.

However, Dogstagram does not allow uploading photos which are not determined to contain a dog. Don't worry too much about your dog not being accepted by the algorithm; if anything, there's a larger (but still small) possibility that non-dogs would pass through rather than dogs not being recognized. If your image doesn't contain a dog, you will receive an error message.

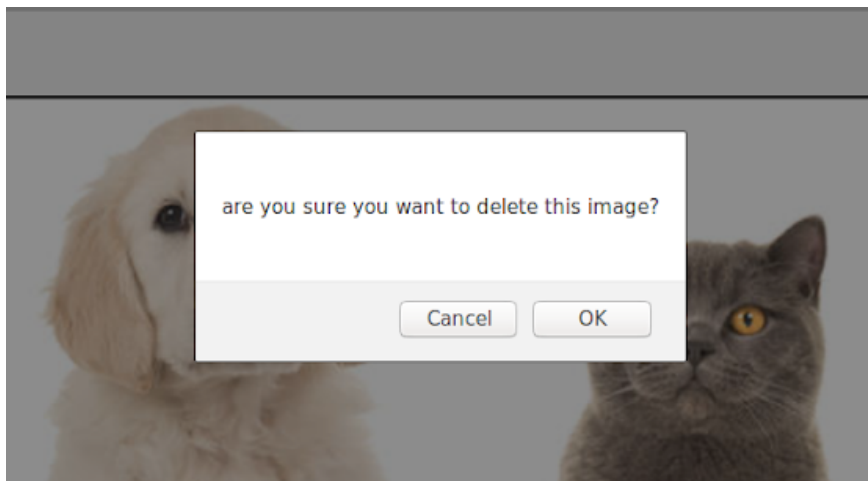


Home

The Home button takes you to your landing page and will display your uploaded dog pictures as well as those of users you follow. The username of the person who posted each photo is displayed above each one.

Profile

Somewhat similar to Home, the Profile button takes you to a page where you can scroll through dog images, but the profile page only displays your own images. You can choose to delete an image by simply clicking the image, and when prompted, saying “OK”.



Logout

The Logout button will (unsurprisingly) log out of your account and take you back to the initial login page.

Following Users

Dogstagram wouldn't be what it is without being able to view other people's dog pictures! To follow another user, find out their username and when logged in, type their username into the “Input another user” field and hit the Enter key on your keyboard. You will be taken to that user's page, where you can preview their images. If you'd like to follow them, click the widget on the right (the one of the two people).



After clicking this widget, you will be following this user and will see their posts on your homepage.