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Final Report

The following is how to run our program: First, you will need Python, Django the web framework, and the FlickrAPI library installed on your computer to run our code. Once this is installed, you will need to open a command line shell in the same directory as manage.py is located. This should be in the top most directory. From the command line type “python manage.py runserver” as the command. This will start Django’s webserver. Next, open either Firefox or Chrome and browse to <http://127.0.0.1:8000>. This will take you to the main page of our website. Next, you will need a Flickr username. You can use “projecttamu.” This was the account that we set up with Flickr in order to demonstrate our program. However, any public Flickr account will work.

We feel that we were very successful on this project. We completed exactly what we wanted to complete. We originally stated that we wanted to use Flickr and Google Maps as the two web services. We also said that we wanted to be able to login to a Flickr account, pull all of the pictures from this account, and display the location on a map of where each picture was taken. This is exactly what we have accomplished. We have even added a few extras to the program. We added several buttons to logout and remove users from the database, links to the original image, and a pop-up balloon that displays a thumbnail on the map. All of these features are extra and were not originally planned. We ended up using JSON as our storage format. All of the data that we pull from Flickr is stored as JSON text in a database. Besides using Django as our web framework, we used Beej’s Python Flickr API library. It can be downloaded from here: <https://pypi.python.org/pypi/flickrapi>.

Throughout this project, we used many different languages. First and foremost, we had to learn Python. Next, sections of our project are written in HTML and JavaScript. All of these languages were new to everybody on our team. A significant amount of time went into learning these new languages.

As a whole, this project went very smoothly for us. We worked well as a team and everybody did equal amounts of work. We accomplished what we set out to do and it seems that there are no known bugs in our code.