

**Project Name:** Caidid Images

**Nombre del Equipo:** Cain You Even

**Quality Team members:** Yuki Chen, Jiaqi Gao, Lawrence Liu, Sebastian Cain

**Framework:** Bootstrap

### What is it?

Basically Flickr with auto-tags. Utilizes the Clarifai API to auto-tag photos. Users can explore, upload, and search for images by their tags.

### Website Appearance

- All images are the same size, but when clicked on, they expand to actual size
- Around 3 pictures per row
- Menu bar with the search bar on the left, register/login/logout on the right
- Can click on a "Random" button at the bottom of the page to generate another page with randomly chosen pictures

### Profile

- Everyone can view images uploaded, and use the search bar to search for pictures with desired tags, but only registered users can upload pictures + delete their own
- Each user will have a profile, showing pictures they have uploaded
- Can view other user's profile, and see what he/she has uploaded
- (optional) Have "like" button

### Uploading Images

- First users can only upload pictures with links
- Later consider allowing users to upload locally

### File Components

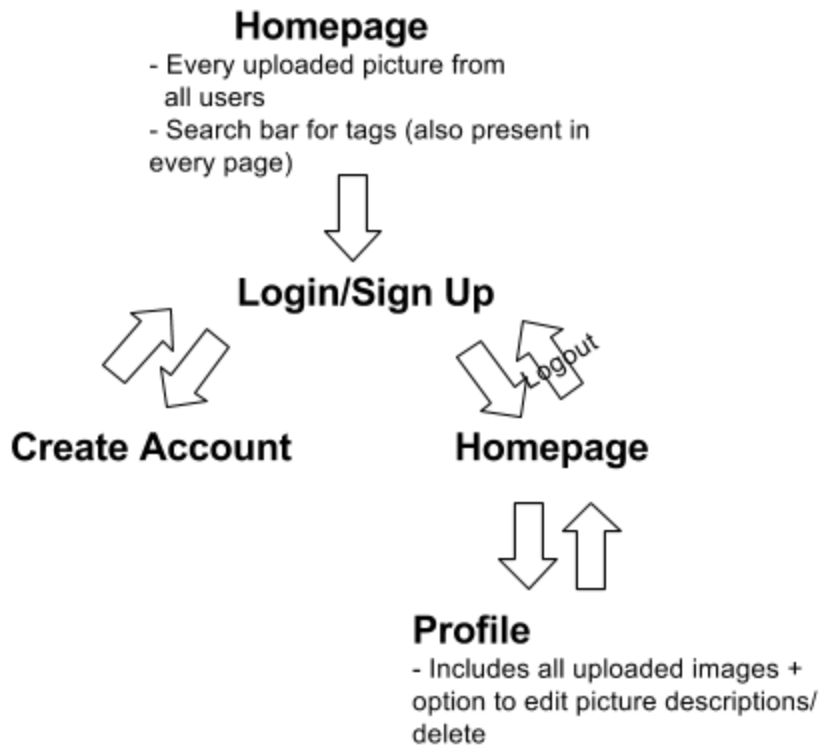
- Python Files
  - app.py- all app routes
  - randomPictures.py- to choose pictures to display on the webpage
  - login.py- (include login logout and register?)
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- HTML
  - login.html (maybe auth.html and jinja for registering/logging in?)
  - home.html
  - profile.html
- Database
  - users.db- usernames, passwords, and userIDs

Username	Password	UserID
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- pics.db- all uploaded pictures and the user that uploaded them

Link to Image	UserID	Tags	Upvotes
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## Site Map



## APIs

Image Recognition

Flickr API

## Roles

Sebastian: Project Manager

Yuki: Front end

Lawrence: Back end scripts

Jiaqi: Database manager