Looking Glass – Assigned Tasks

Please submit files on GitHub by April 6, 2018 - 11:59pm

Back End:

Task	Details	Contributor
Set up database and table schemas	image (id, title, userID, rating, description, filename, public), tag (id, imageID, tag), user (id, firstName, lastName, username, password, contributor, downloads), comment (id, userID, imageID)	Paul
Hook up front end to Flask project	Set up flask app, create routes, redirect html, etc	Paul
Write queries for all major functions	Create user if it doesn't exist; insert image if it does not exist (by filename and userID); insert tags for some imageID; get username; get firstname; get password; get title; get rating; set rating; get description; is public; get all tags for an image; get all images by tag; is contributor; get download count; update download count (increment); update contributor (contributor is a boolean); update public (public is a boolean); insert comment if it doesn't exist; get all comments for a certain imageID;	Joshua

Front End:

Task	Details	Contributor
Create login / register screen	The window should come on top of the html page as discussed in class. (z-index?) Login section should have fields for "Username" and "Password." Register should have fields for "First Name", "Last Name", "Username", "Password", and "Reenter Password." A Pipe should separate the two sections '|' Buttons should be "Login" and "Register".	Dennis
Create "Mission Statement" page.	Come up with some creative paragraph or two. (Please don't plagiarize.) 😊	Tim
Create html template page to hold the information about the photo.	Match the overall style of the home page. The page should have room for the image to be displayed. There should also be a placeholder for the title of the photo, the user who uploaded it, a rating system (stars, or radio buttons), a comment box, and a list of tags.	Conner
Create a "Dashboard" page.	This is the page that is displayed after successfully logging in. It should greet the user. It needs to have a search box centered on the top as seen in class and should have an upload photo button, and a button to send them to their private page.	Tim
Create upload screen.	The window should come on top of the html page as discussed in class. (z-index?) It should have a button to "Choose File." It should have fields for "Title", "Description" (limit length to some number of characters eg. 160), and "Tags" (tell them to separate them by comma).	Dennis

Misc:

Task	Details	Contributor
Create sample data	Come up with 10 random users with first name, last name, username, password, and a list of the filenames for the photos that will belong to them. I would say that 5 photos per person is sufficient. Group the photos into separate folders for each user. Example: Folder named "phafer" contains 5 JPEG files such as DCM37240.jpg where username = "phafer".	Joshua

One other thing I noticed in the proposal. We need a private template page for displaying the images that the user did not want to make public. There should be a button to make a photo public. This page will be similar in style to the dashboard page. There should be an upload button, etc.