Help Manual

Table of Contents

Installation

1. Download the associated tar file.
2. Untar the file into your tomcat's catalina webapp directory.
3. cd into the project's directory.
4. execute: make.
5. start tomcat.
6. Open a recent version of firefox and navigate to the respective URL for this project, as specified in your tomcat setup.
7. You should now be at the login page.

User Management

Register

To successfully register, you must have a unique username and email. You will be notified of the error if you enter invalid information. You must provide a username, email, and a password. You are also required to fill in additional details inluding first name, last name, address, and phone number.

Login

You must have a registered account in order to login. The username and password combination must be correct. You will be notified of the error if an incorrect combination is provided.

Logout

You are able to log out of the system by pressing the right-hand icon on the navigation bar and choosing "Logout" once logged in.

Security

Login

See User Management's section on Login

Manage Groups

This module can be accessed here (groupsview) once logged in or via the navigation bar > Groups.

To create a new group, enter a unique group name and click "Create a New Group". You should now see the new group you created on the same page.

To delete a group, click "Delete Group" under the group you are interested in deleting.

To add a member to the group, choose the member you wish to add in the drop down list and click "Add".

To delete a member in the group, choose the member you wish to delete in the drop down list and click "Delete".

Setting a Photo's Security

See Photo Upload's section on Image Permissions and Gallery's section on Image Updating

Photo Upload

This module can be accessed here (imageupload) once logged in or via the navigation bar > Upload Image.

Select the images to be uploaded and then fill in the information in the remainder of the form. At least one image file with the extension .jpg or .gif must be provided. All other information is optional. If a date is not provided the date which the images are uploaded will be used. If not at least one image file is provided with the correct extension, you will be notified of the error.

Image Permissions

In Photo Upload, you will notice a field called Permissions. Here you are able to set which groups are able to view an image. If you don't change the selection, private is selected by default. This implies that only you are able to view the image. You are also able to select public which is viewable by everyone. The remaining selections are the groups that you own.

Gallery

Viewing

This module can be accessed here (gallery) once logged in or via the navigation bar > Gallery.

By clicking on any of the thumbnails, you are able to see more information about that image, as well as see the full size of that image.

Most Popular Images

The most popular images display the thumbnails of the top five images, ranked in the order of decreasing hits. If there are images with the same hit count, you will notice there are more than five images being displayed; all ties are displayed. There is also visible information here regarding the hit count of each image, as well as the ability to modify image descriptors using the "Edit" button above each thumbnail if you are the owner.

All Images

All Images displays all the images that the user can view. These images include public images, the users private images, and images belonging to groups which the user either owns or is a part of. You have the ability to modify the image descriptors using the "Edit" button above each thumbnail if you are the owner.

Update Image

By clicking on the "Edit" button above each image thumbnail, you are able to access a page to modify the specific image details. Here you can update the subject, description, location, date, and permission of the image. Click "Update" to save these changes.

Search

To search, enter an optional space separated list of keywords. If you would like to specify the range of dates, you can also supply the start date and end dates. Dates and keywords are both optional. If you do not supply either, all images that you have permission to view will be returned by the query.

You must choose to sort by descending time, ascending time, or rank. Choosing descending time will sort the images by date in a descending fashion; vice versa for ascending time. Rank sorts the images based on the aggregated sum of the ranking formula provided in class for each keyword.

Hit submit to start the search once your criteria is filled out. Your search results are now visible below.

Data Analysis

Data Analysis

This module can be accessed here (dataanalysis) once logged in as admin or via the navigation bar > Statistics.

Images Per User

This option allows the admin to gather a drill down analysis of the number of images belonging to each user. To view this data, in the "Images Per User" section, the admin will specify a period of which they want to view and click

"Search".

Images Per Subject

This option allows the admin to gather a drill down analysis of the number of images published per subject for all subjects. To view this data, in the "Images Per Subject" section, the admin has to specify a period of which they want to view and click "Search".

Custom Parameter Search

This option allows the admin to gather a combined drill down analysis of the number of images in the system by specifying custom criteria. The criteria includes the period, subject(s) and/or user(s) of which the admin wants to search. To view this data, in the "Custom Parameter Search" section, the admin has to specify the period, but will have the option to filter by subject(s) and/or user(s) and click "Search".