

Team 23-TeaMeme

HW3 Documentation

Our team has built a fully functional meme management solution online. This CRUD application was built on the basis of simplicity and ease of use. The feature list includes drag and drop, upload, search, upload, edit, and sort.

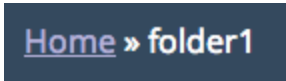
To complement the website, we have also built a chrome extension that works on any website allowing you to save images via a right click on any image and also allows you to search images you have already saved. The search results can then be dragged and dropped to any editor.

Drag and Drop

Upon login, you will be redirected to our website homepage. Similar to any content management system (ie dropbox) there will be folders and images displayed. Images on the homepage are contained in a “Home Folder,” so the home page contains both the sub-folders and images. On this page, users can physically drag images in the homepage into an existing folder, similar to dropbox. The image will disappear into the folder that was dropped into, and when that folder you dropped the image into is clicked, the image will be displayed (along with any other images that were present in that folder).

Page Navigator (Where am I?)

Once a folder is clicked on, the directory will be displayed:



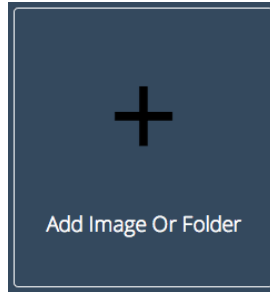
Home » folder1

This is so the user knows which folder he is in, and has an option to go back to the home folder.

Upload

There are two unique ways of uploading images to the website:

1. On the home page grid, where the user can specify to add an image or folder.



This will bring up a modal (a popup) and the user clearly is displayed a choice of uploading either a folder or an image. To upload a folder, simply enter the name of the folder you'd like to create. If you're uploading an image, all the functionality from the upload page is essentially carried over and put into a popup view.

2. Also, we wanted to make it very easy to upload images to MemeMaster and we've made it so that you don't even have to be on our page to upload images. We've created a chrome extension that allows you to right click on any image on the web, and directly upload it an image in an external website.

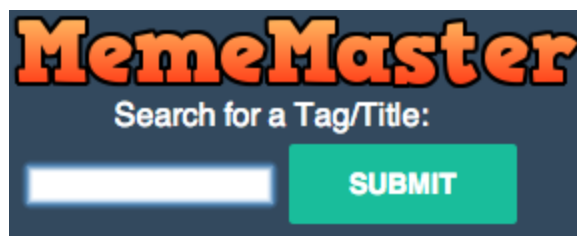
Search

At the top of the page, on any page, the user is allowed to search for an image. Currently, you can search by a tag or image name only. After pressing enter, the searched images that match the input string is displayed.

Chrome Extension

The chrome extension is used in two ways: saving images to the site (create), and searching our site (retrieve).

To search the site with the extension, simply click on the extension button, and a popup will show:



The user can search for any tag or title, and the resulting images will be displayed. Once displayed, the user can drag and drop these displayed images onto any editor, such as gmail or google docs.

To add images to the site, simply browse any website with images. When the user sees a picture he likes, a right click can add the image to our website. The image is by

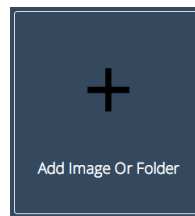
default added to the “Home” page of our website, with the tag set with whatever the user input. Once the user goes back to the website, he can edit the image to have comments, title, and rating.

We could have allowed the user to add more fields to the image during the right click, such as the title, rating, and comments. However, we felt that this would annoy the user, because the user would have to input so many things. With the chrome extension, the main point is a quick and easy way to get images into our site, without a lot of heavy things attached.

View/Edit/Delete Images

On ANY image that is displayed on our website, a click will display a popup/modal. On this modal, the image will be bigger, and the title, tag, rating, and comments will be displayed. As well as viewing these fields, the user can also edit these fields, and save them. The user can also completely delete this image from their website, with the “delete” button in red, far away from the other items.

Create Folder



To create a folder, simply click on the

Add a New...

☐ Image ☒ Folder

Once the folder radio button is selected, the user can name a folder. It will then be automatically added to the home page, and acts as a regular folder that the user can drag images into.

Sort

The options are sort by newest and oldest, based on time last updated. Initially, the default is sort by newest, as can be seen by the bold and underlined item:

Newest First | Oldest First

