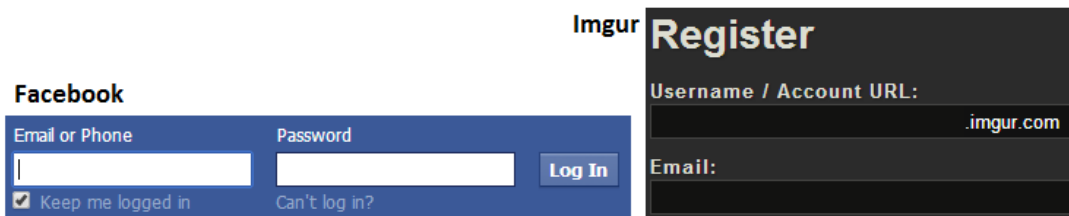# Team 23-TeaMeme
Discussion of App Function

Introduction

The main point of this website is to upload, create, and organize memes. Memes are colorful images with whimsical texts laid over the image. We want these images to be the star of the show. This is why we opted for a simple theme, with colors placed at strategic locations. Our website contains 4 major pages - Login/Register, Home, Upload, and Create. The Home page is then split into smaller sections, like a page for folders. Each of these pages is built with the user in mind, to simplify and achieve what the user is trying to do in a quick and simple manner. Each page looks similar with a common background color for a unified feel. As the user clicks on the nav bar links, special text related to the page prompts the user to do the right thing.

Login/Register Page

The login/register page is what draws a user to sign up. If the sign up button is hard to find or unattractive, it may deter the user from using our website entirely. This is why we put the login and sign up buttons very clearly on the page, without any need for scrolling. The edit boxes are white, which is a good contrast with the dark blue background of our page.
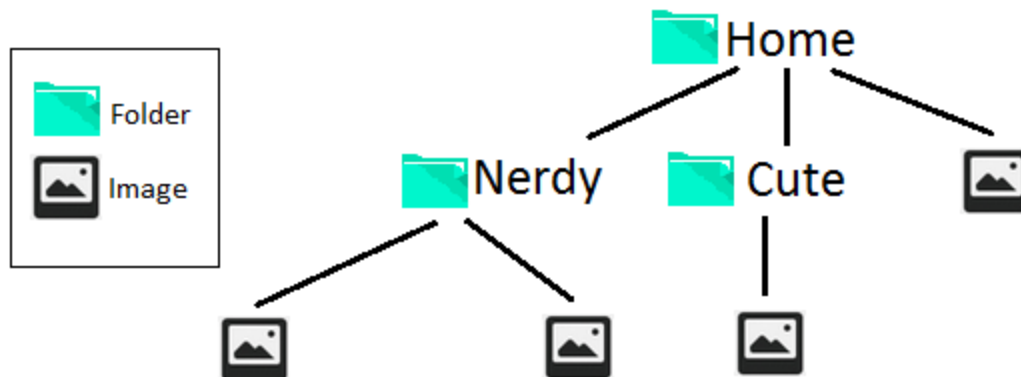

Facebook and Imgur's Login/Register was very easy to find, on the right side of the page. Our website is following the "same but different" rule. We liked the vertical alignment and the white background, which fits in with our theme well.

With a simple login/register page, a slightly more complicated and cool aspect is always needed. Otherwise, the page looks too boring and plain. On Facebook's page, there is a catchy phrase displayed in the front, saying "Facebook helps you connect and share with the people in your life" along with a cool picture of the world." We decided that
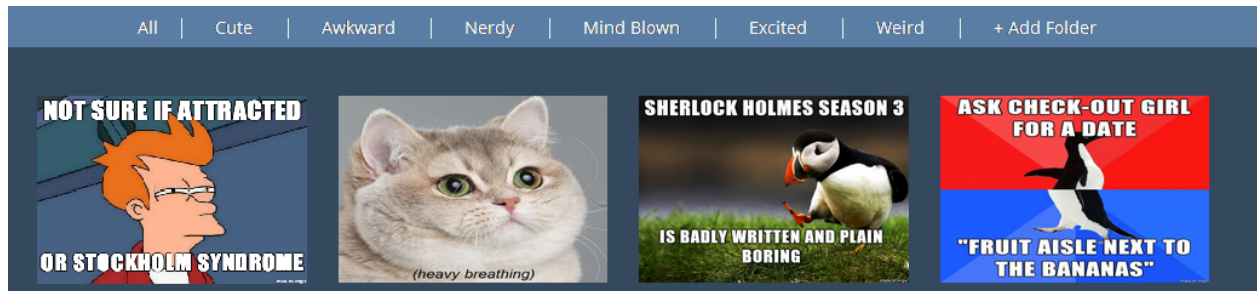
our cool aspect would be a carousel of memes, showing the trending memes of the day. This carousel would be displayed right when the user goes to our website, but not intruding on the objective of the page, which is login/sign up. We chose a simple color scheme to avoid annoying distracting the user from the memes, which we are stressing to be the main, core content of this application. We also tried to keep the theme consistent throughout each page of the site.

Home
     Initially, we had it so that right when a user logs in, the home page would show with every single image that was added. However, we realized that this would be too unorganized and the user will be overwhelmed. Our final design is that right after a user logs in, the home page contains folders. The folders would then lead to the images that had been put in those folders. Below the folders, there would also be stray images that aren't in folders. These images could've been put here via the chrome extension (read below), or from the upload button in the nav bar, or from the upload (+) button within a folder. This model is similar to dropbox, where there are folders as well as stray documents. An example of how the folders and images could be organized is shown here:

     To add an image to a folder, a user can either use the chrome extension and specify the folder, or drag and drop it from the Home Page into an already created folder. Ideally, a drag and drop function would be the best to move the images around to the folders, just like dropbox. The user can drag the images into the folders. Another possibility is to have the folder as a fixed bar where users can drag and drop without having to scroll, like so:

The top folder bar would be fixed.

The home page's theme is a lot less complicated than the login page. This is because we want the memes to stand out. We opted for just one color, with the rest being white. The dark blue background color we chose is a nice contrast to the white, and dark blue looks good against the colorful memes. It's also very easy on the eyes.

In the folders

After a user clicks on a folder, all the images inside that folder would be displayed. Within this folder, there is a special box right next to the memes where a user can upload a meme into this folder. Since the home page is technically a folder (see tree diagram above), the addition box is also present. The special addition box looks like this:

This image blends in seamlessly with the theme, as it is exactly the same height and width as the memes. It is also obvious what it does, as it lies with all the memes, with a plus sign. There still is an upload button in the omnipresent nav bar, but we thought it would be easier for the user to also have this special upload button directly in a folder, rather than having to type it out.

Modal/Popup

The modal, which contains detailed information about the meme, pops up after the user clicks on the image. In here, the user can view the meme and edit the name, comments, ratings, etc. We made sure to keep everything in the modal on one view, so the user doesn't need to scroll. The modal also has an option to delete the picture. The delete button is on the bottom right, semi isolated, so the user doesn't accidentally delete the meme. It is also red, the universal color for delete, so the user will be warned. We also left generous space for any comments to be added.

Upload

        The upload page is part of the main purpose of the site; being able to choose memes and add them onto a collection for a user's personal amusement. The user has the ability to add a meme by URL, typing in the URL in the text field then clicking "ADD URL", or to upload a meme by browsing on their computer.

The picture then shows up in the field to the bottom of the buttons. On the right side, the user can give the uploaded meme a title, rating, tags, and comments/notes about the meme, which can later be edited.

UPLOAD

Once the user has finalized all the details about their meme, they can click the "UPLOAD" button, and the meme is added to their collection. The page was designed to look neat, and be easy on the user's eyes; aligning fields and buttons in order to make things look neat and organized. The page as a whole is meant to look simplistic, so that the majority of the attention is focused on the picture. while making the user aware of where/what each field is. The size and the color of the buttons were chosen to make it apparent where each was located, while not being too much to look at. Black was chosen as the text color due to the white background color, in order to keep things simple while making it easy to read what was being typed. The text fields were given colored borders in order to make it more apparent the text field for each detail of a picture, so that it wouldn't be quite as much of a "guess" on where to type in.
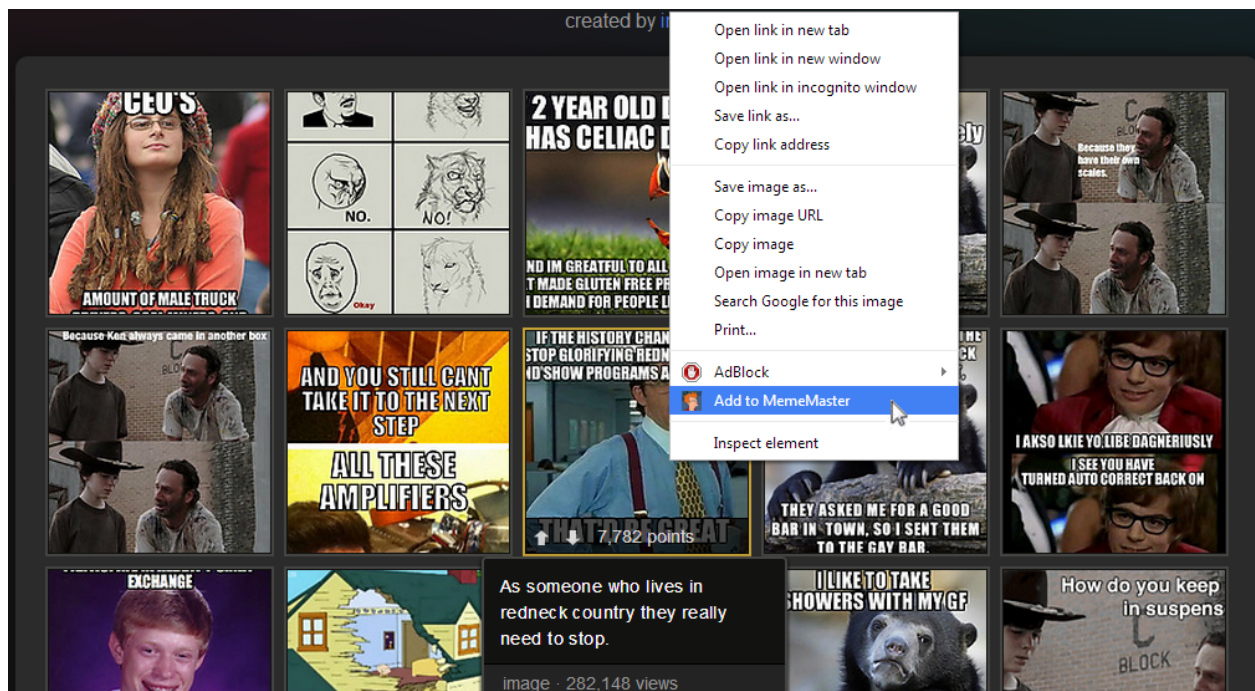
Create

        A user can also create their own meme. Since a meme is just a picture with text over it, the only external data needed is the picture. The picture can be uploaded from the internet, or from the disk. Once uploaded, the image displays on the right. In the same view, the user can add text to the top and bottom of the picture. Ideally, the addition of text is to be done in javascript and jquery, so that the user can see the way the text looks on the picture as they are typing. There is also a "remove" button in red, to completely erase the text. The red is a warning to the user. The theme of this Create page is in line with the overall theme of the app, with the same dark blue color (#34495e).
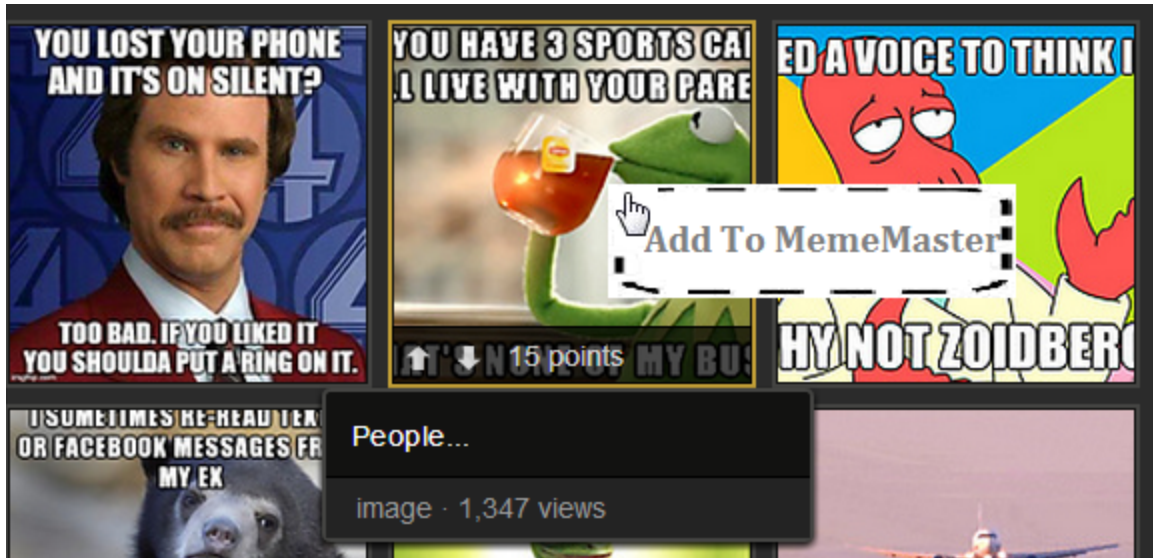
Chrome Extension

        It would be very helpful to the user if there existed a chrome extension that can sync with the website. The objective of our project is to help people organize memes more

easily while on the internet. Most people browse for memes on sites like reddit and imgur. It would be a pain to have to copy the link of the meme, switch tabs to our website, then paste the URL into the "upload" page. The easiest fix to this is to have a chrome extension that would have a special right click function. This right click function could be applied to any image, and it would have an "Add to MemeMaster" option. Ideally, when the chrome extension is enabled, the only thing that pops up when an image is right clicked is our specific "Add to MemeMaster" option. This is so that the user doesn't need to take the extra nanosecond to look through the different options that are not relevant, such as "inspect element" or "print". We made a chrome extension (check out the "extensions" folder on our github to download), and made a basic right click function. What we have is shown below:

However, ideally it would probably be more simple like:

After the user clicks on this, two things could happen:

1. The image is automatically added to their collection in their MemeMaster website, in a default folder that the user sets. The folder can be named something like "7/20/14", or they can just specify to add to the home page. Later, the user can go into the website and add comments and edit the memes. This way the user can quickly add, and worry about the image details later.

-- or --

2. After the click, have a prompt where the user can add details to the meme at the spot, like so:

This is a bit more work for the user, but then later they don't have to go and edit all the images they've added.

Imagining a user trying to quickly store memes, option #1 is probably the way to go. Option #2 may disrupt the user's thinking and be very tedious to input all those fields that they haven't decided on yet.

Team Page

We added some more interactivity in our team page. Instead of boring links of our names that would link to a description, we made the links images instead. Also, to make it more fun and related to the project, there is a hover aspect of the image, where we become a meme. Each image will link to the corresponding teammate's individual page. There is still no updated content about each person's profile, but instead we focused on how the team layout looks. We carefully took the time to match each person with a particular meme, though the content of the meme may not reflect the person's personality completely.