Meme Master Program

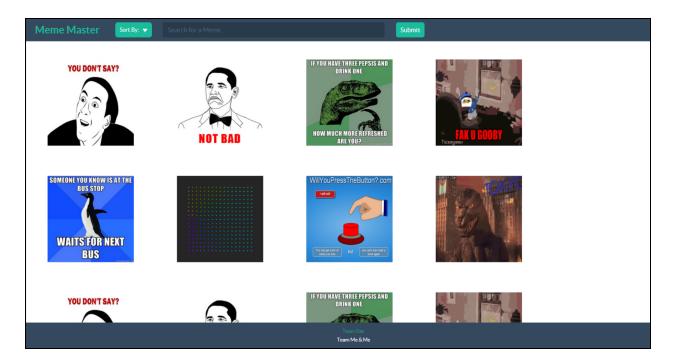
 Our Meme Master website is a simple web application that sorts, edits, and removes elements (memes) from the Meme Master database.

Color Scheme

- The colors chosen for Meme Master's webpage is turquoise, blue, and dark blue, white.
- The navigation bar is a blue color.
- Buttons on the navigation bar are turqoise to stand out from the blue color of the navigation bar to communicate that the buttons have functionalities.
- In the navigation bar, the search bar is dark blue and the words "Search for a Meme" are displayed to show the user that it is where the user can type in words there.
 - When a user clicks on the search bar, a turquoise border appears to emphasize to the user that they are typing inside the search bar.
- Images are displayed on a white background to give it a different focus from the navigation bar.

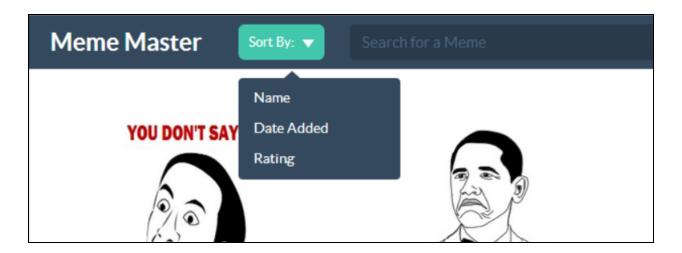
The Home Page

 Upon entering the Meme Master website, a user will encounter a search bar at the top followed by memes that are already in the database.

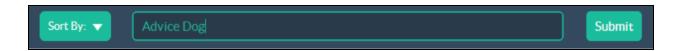


Searching for a Meme

 When searching for a Meme in the database, a user has the option to sort by name, date, or rating. We implemented a drop-down menu next to the search bar so that the user can easily sort his/her results. The "Sort By:" button is turquoise instead of dark blue, to communicate that the button is clickable.

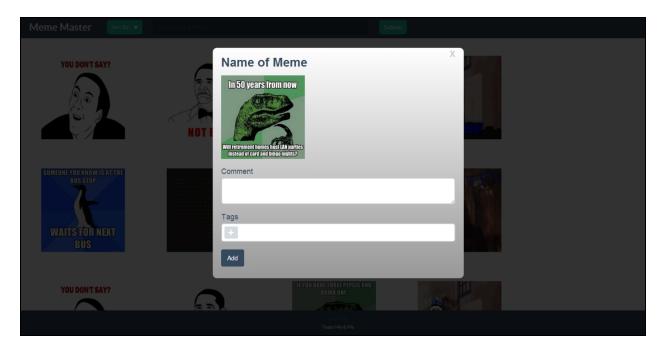


- By default, the search will sort by name unless the user specifies through the "Sort By:" drop-down menu.
- Clicking on the search box will create a turquoise border to convey to the user that he/she can type in it.
- After choosing the desired sort type and typing in the search box, the user can click on the "Submit" button to display the memes found in the database.
- The "Submit" button is also turquoise to demonstrate that the button is clickable.



Featured Memes

- Followed by the navigation bar at the home page are the Featured Memes.
- The Featured Memes are memes that are already saved in the Meme Master database.
- A user can click on the meme, opening a window where a user can see the name, image, comments, and tags of the meme.

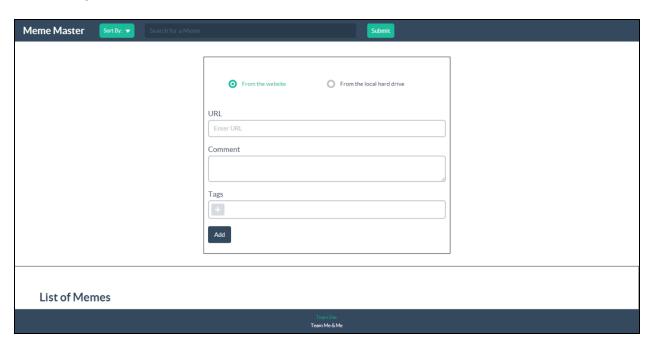


- A user may add Comments and Tags in the text fields shown.
 - o To make a comment, the user simply types in the Comment's text field.
 - To create a tag, the user types in the tag's text field and then press enter or click the "+" button to add the tag.
 - The "+" button is rounded yet somewhat transparent in the white text field to show that the button is clickable.
- After a user has made his/her desired comments and tags, the user presses the Add button to apply the changes to the meme.
 - The "Add" button is rounded and a darker color than the window to show that the button is clickable.
- After a user is finished looking at the Meme and/or modifying it, the user presses the "x" button on the top right of the window to return to the index page without refreshing the webpage.

Storing Images to Meme Master

- Our Meme Master website will feature three ways to store images in the Meme Master database.
 - URL
 - Local Hard Drive
 - Chrome Extension

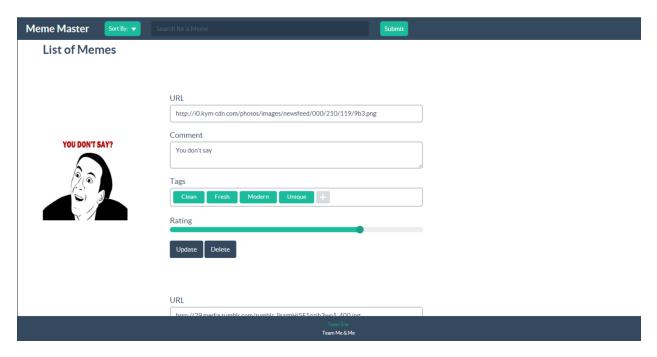
 When the user presses on the "Meme Master" icon at the top left of the home page, the user will reach a page where he/she may upload memes by URL or Local Hard Drive.



- When uploading an image by URL, a user must click the "From the website" button.
 Next, the user must paste the meme's image location in the URL text field. After entering the URL, the user may add comments and tags to the photo.
 - When done, the user presses the blue "Add" button to add the meme into the database along with its URL and Comments.
- When uploading an image by Local Hard Drive, a user must click the "From the Local Hard Drive" button. Next, the user must click on "Choose File" under "File" to choose a meme that the user wants to upload. After choosing a meme photo file, the user may add comments and tags to the photo.
 - When done, the user presses the blue "Add" button to add the meme into the database along with its URL and Comments.
- The Google Chrome Extension will have the same functionality as uploading from the website and from the local hard drive. When a user right clicks on an image from the web, a user can choose the "Meme Master Extension, which will display a window where the user can add comments, tags, and then add the meme to the Meme Master database.

Updating the Meme Database

- At any point in time, the user may update any meme that they have uploaded to the Meme Master database.
- To do this, the user simply presses the "Meme Master" icon at the home page to take them to a page where he/she can update any memes that he/she has uploaded.
 - This is the same page where the user can upload memes from URL/Local Hard Drive.



- On this page, a meme's URL, Comments, Tags, and Rating is shown.
- A user may change the image by pasting a new URL.
- A user may add a comment by typing words in its text box.
- A user may modify/add new tags.
- A user may change the rating of a meme by adjusting the slider.
- When all changes are complete, the user presses the Update button to complete changes.
- If the user does not want the meme on the Meme Database, the user may press the Delete button to delete it from the Meme Database.