MatchMemeing

Project Description
Website URL: https://github.tamu.edu/pages/zsanford/TeamProject3/

Goal:

The goal of our web application is to provide a premium meme "dating service" that connects people with memes that match their interests.

Planned Scope:

Our application will allow users to create simple profiles that allow them to provide information about themselves. Upon signing in we will allow users to click a match button that will prompt them with a few random questions such as "What is your favorite band?" that will then be used to generate a meme. With this they can like any meme that they encounter and they will have a list of their favorite memes. Following this, users will be able to click share buttons to share the current meme with their friends across Twitter, Facebook, and Instagram. We also plan to have a Home page and an Info page.

Fallback Goals: User Profiles, Info page
Stretch Goals: User profiles/user authentication

Web Services:

We will be combining the services of the Giphy API, Firebase API, Imgur, Facebook, Twitter, and Instagram APIs. We chose these services because in order to accomplish the goal of creating the first human-to-meme dating application, the user must be able to have his/her information stored, their location known and a way to access their favorite memes. By leveraging the various social media APIs it will allow users to share their favorite memes with their friends.

Development Challenges:

Some challenges that we may face include learning the APIs we plan on implementing. Since we are planning on allowing users to create profiles, we will have to implement user authentication and a database to store the information. We plan on leveraging FireBase to do this and expect some challenges in learning how to do so since we have no used an API like this before. Along with this, some of us are inexperienced with HTML and leveraging different APIs, so that might prove to be a challenge we have to overcome.

Organization Plan:

Even though we are dividing up the work, we plan on providing support for each other across the whole project. This will allow the whole team to understand more of the project and provide help if they finish their portions early.

Chase: Info Page, Giphy API, Window for showing Gifs, Styling

Zac: Home page, Social Media APIs, Share Buttons, Styling

Alex: Firebase API, Styling

Background Story:

Once upon a time, there was a lad. We'll call him "Nick". On this fateful eve, with the moon just coming into view, and the sunlight waning from the sky, Nick found himself gazing longingly at the CSCE 315 GroupMe. There had just been a long discussion on the merits, time complexity, and space complexity of using a radix sort on the little Whataburger number cards, and he wanted to lighten the mood a touch.

Nick wanted a meme, something that spoke to him on a deeply personal level, yet was still mainstream enough to warrant posting an unsolicited GIF. Unfortunately, no modern service existed that would allow him to quickly and easily find such an image. Not until today.

There's another person, a lass, "Sally". She is also in this fabled CSCE 315 group chat, but is continually perplexed by these moving pictures, and funny captions. Sally is not familiar with "meme culture". This particular morning, she'd finally had enough, she'd finally given up on being hopelessly out of the loop, and decided to take a long stroll through the garden of Google, attempting to find even a morsel of information leading to a deeper understanding of memes.

She found a website, "MatchMemeing, a personalized meme matchmaker", and was instantly hooked. It was asking her simple questions about her interests, so she could easily find memes that were funny to her.

Whether you are highly experience in the art of memes, or barely know what they are, MatchMemeing is right for you.