

Mega Millieme Meme

By: apipapi (aka Daniel Monteagudo, Sharon Lin, Alan Chen, and last but not least the illustrious William Xiang)

Team Members

Project Manager - Daniel Monteagudo

Front End Developer / CSS Guru - William Xiang (DubX)

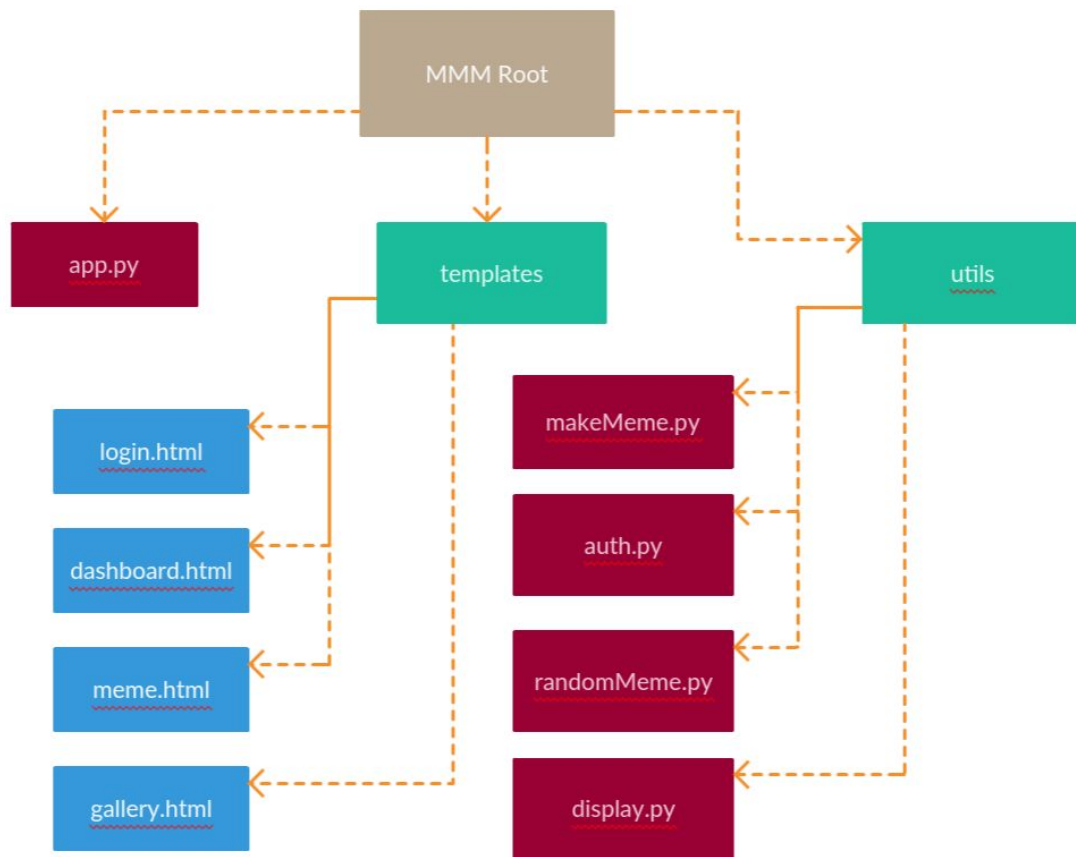
Flask Developer / API Wizard - Sharon Lin

Python Developer / SQL Master - Alan Chen

Description

The internet is inundated with memes. But the creator of these memes often does not receive proper credit or compensation. On our innovative new website, The Meme Game, users will be able to post their memes to be bought and sold by others. Upon signing up, every user receives a certain amount of meme money (name pending) and becomes a meme machine. At first memes have to be manually made through the meme machine's channels of choice. As the meme machine develops fame, however, one can instead have random photos pulled to inspire memes for them, or even have a meme created without any of the user's input at all. Ownership of a good meme will be coveted and the meme will be bought and sold often by the site's other users. The price of a meme depends on how many times it has been sold. The more times a meme has changed hands, the more value the meme accrues.

Component Map

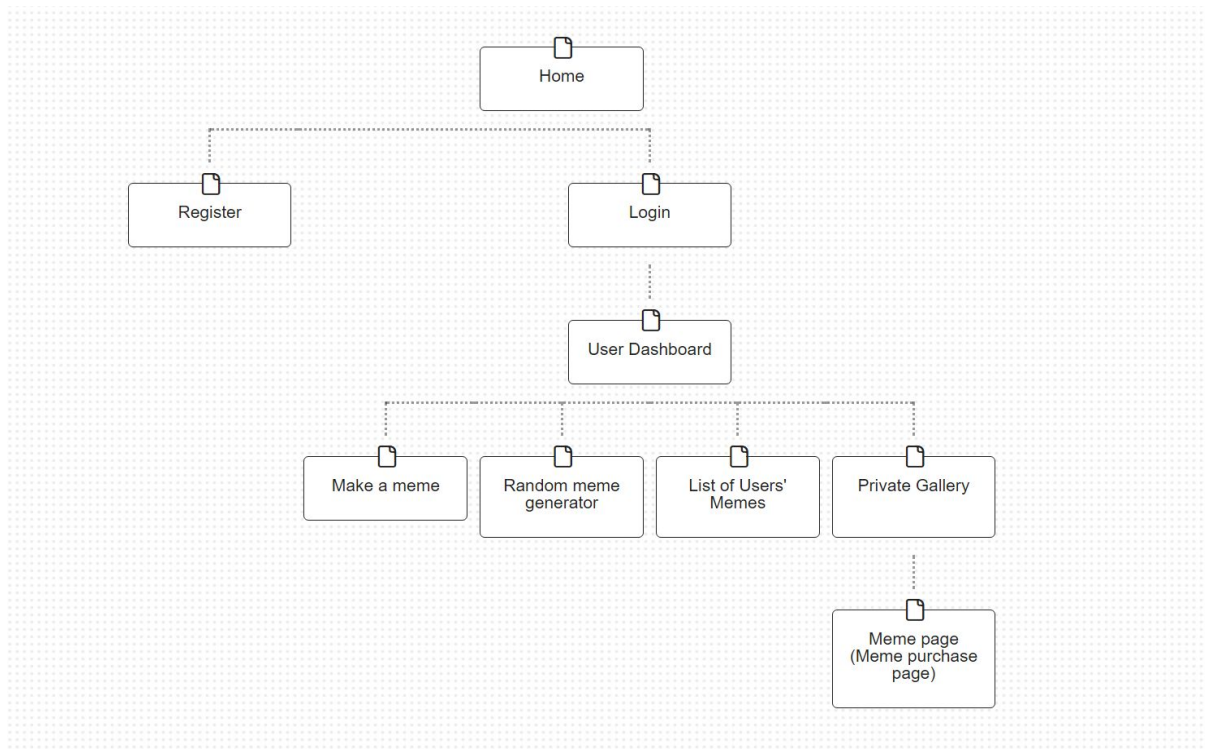


Components:

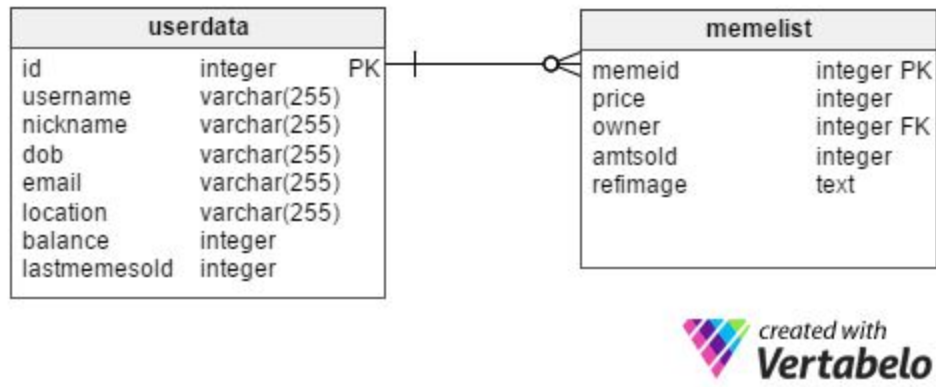
- app.py
 - Generates the app
 - Generates and displays pages
- makeMeme.py
 - Allows users to create memes by uploading their own photos
- auth.py
 - Methods for authenticating and registering users
- randomMeme.py
 - Methods for generating a random meme
 - Wordnik API to pick random word
 - Flickr API to pick images for word
 - Wordnik API for captioning
- display.py

- Additional methods for displaying the private gallery and the user gallery
- login.html
 - Login/Registration page
- dashboard.html
 - Main user page where they can view their own memes, visit the gallery, or make more memes
- meme.html
 - Main display page for memes
 - Allows users to view info about meme and buy the meme
- gallery.html
 - Main gallery of memes by all users
 - Allows user to see the worth of memes based on likes

Site Map



Database Schema



Page Mockups



The Meme Game

Home

Login/Register

Create a Meme

Buy a Meme

Returning User? Log in!

Username:

Password:

First time? Log in!

Username:

Password:

Repeat Password:

The Meme Game

Home

Login/Register

Create a Meme

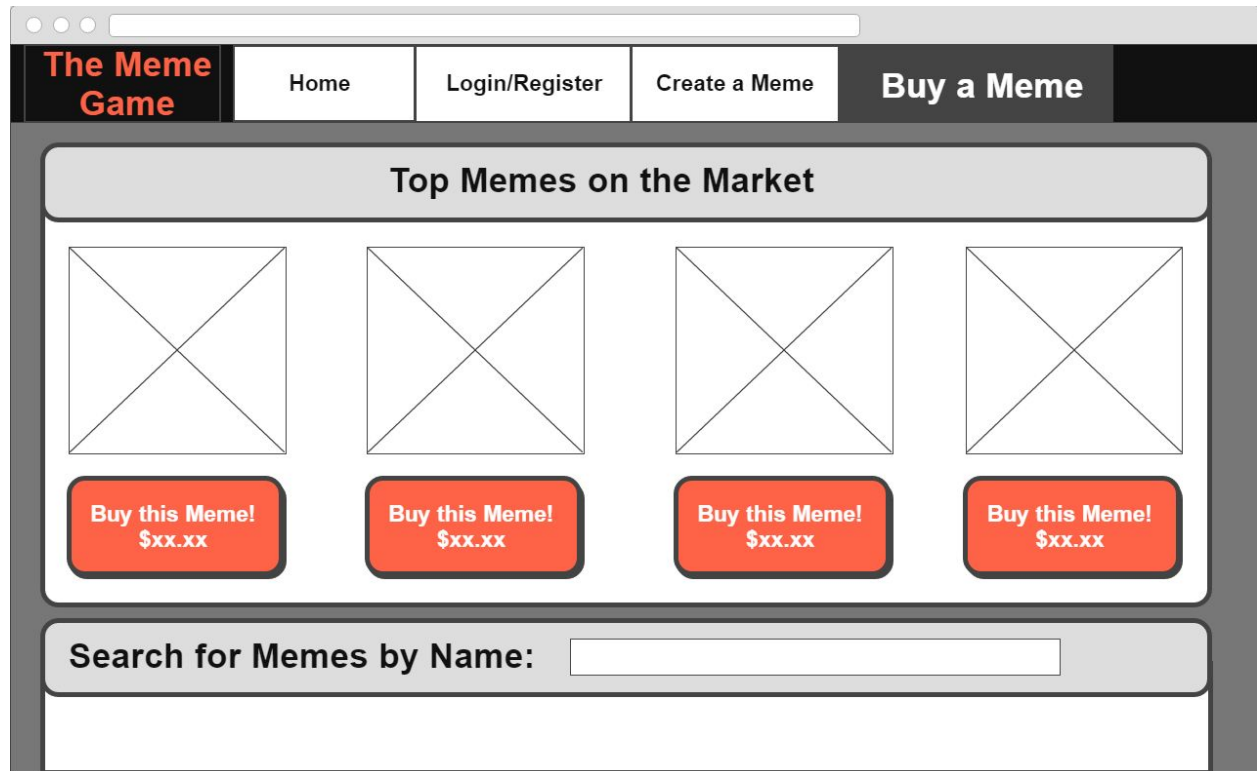
Buy a Meme

Meme Creator

Click me to create a meme!

This will deduct \$xx.xx from your balance.

Current Balance: \$xx.xx



<https://wireframe.cc/fqUjuC>

Action Plan

Stage 1 - MVP

- Develop a basic website that allows user authentication and adding memes
- Develop the meme gallery
- Create the main DB

Stage 2 - Meme Generation

- Add functionality for making memes and random meme generation
- Add functionality for accessing meme pages

Stage 3 - Implementing Trading

- Add functionality for buying/selling memes
- Add money and points functionality
- Add like buttons to memes

Stage 4 - Financial Management

- Create ranking system for memes
- Create tools for users to predict value of memes
- Create user ranking system