

Team nentindoe -- Vincent Lin(PM), Yin On Chan, Mohtasim Howlader, Zane Wang
Soft. Dev. pd08
P05: Fin

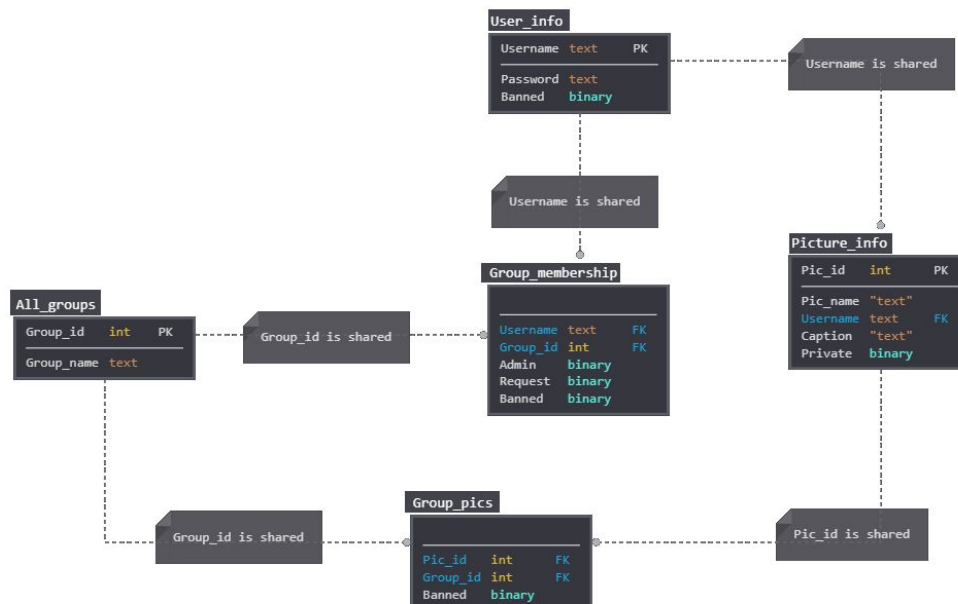
nentindoe Draw

A website where users will be able to log in using their emails to create images, from scratch or drawing on existing images, and post them publicly. Users will be able draw on a canvas using a variety of “tools” and colors, users will be able to import images they wish to edit onto the web app, draw on it, and save or upload the new image. Users will be able to create groups to privately share images amongst friends.

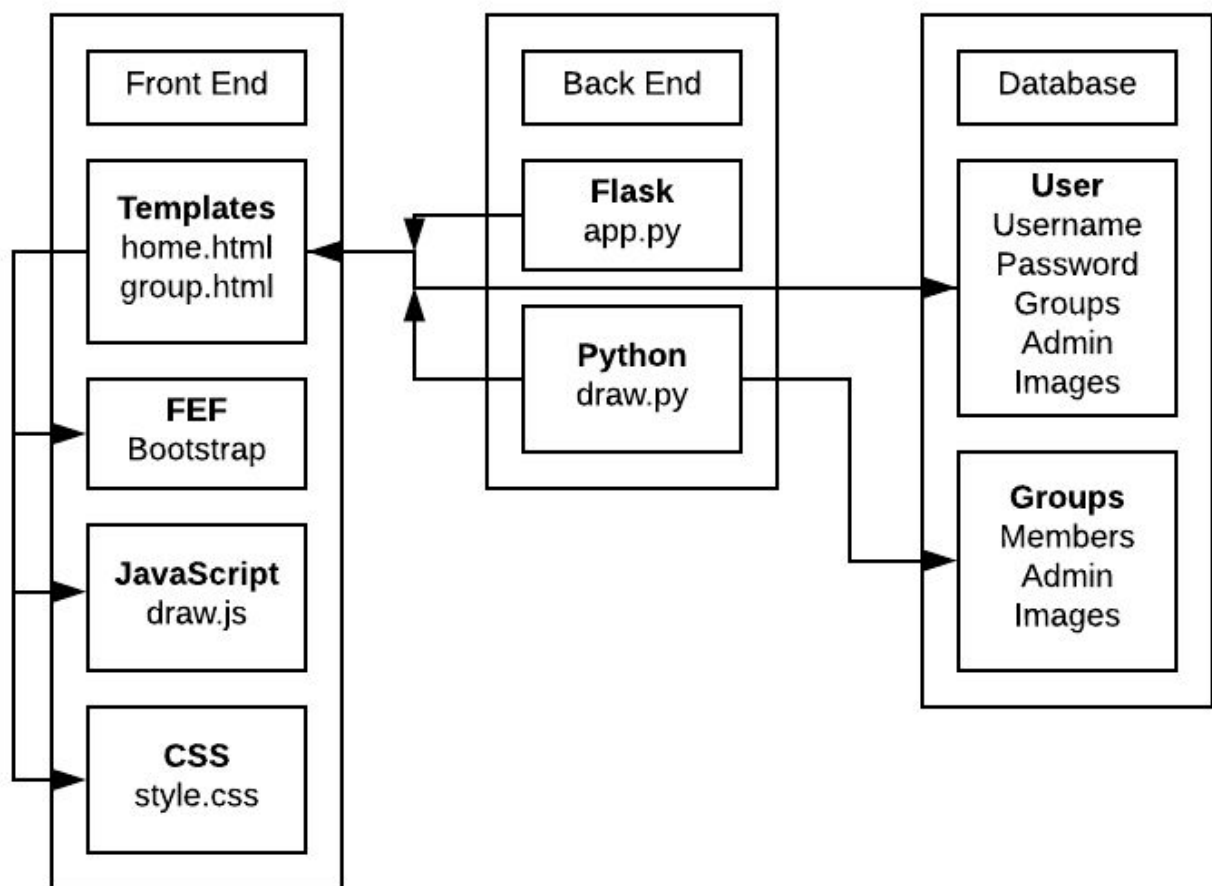
Components:

- Flask for running the website
- Canvas to draw on
- Bootstrap for formatting. We have chosen Bootstrap over Foundation because we all know it better
- CSS for additional formatting
- Python for backend
- SQLite databases for data storage, as seen below
- Jinja for templating
- OAuth2 for logging in

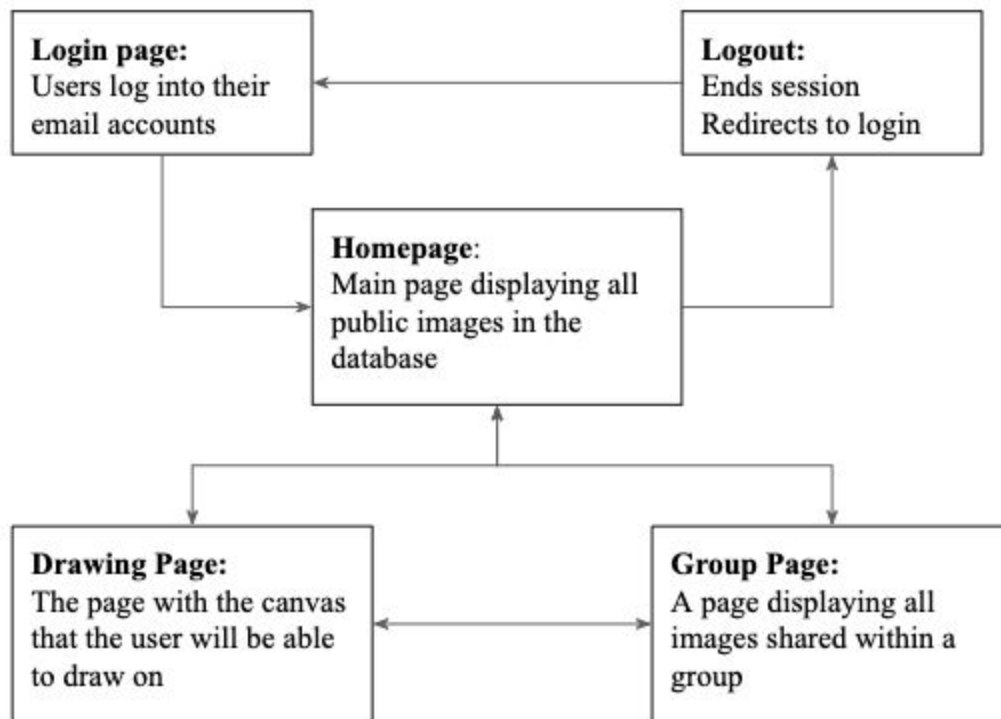
Database Schema



Component Map



Site Map



To-DO:

1. Create Repo
2. Create basic Flask App to start (Mohtasim)
3. Write all html pages (Zane/Mohtasim)
 - a. Format using bootstrap and css(Zane)
 - b. Implement Jinja where necessary(Mohtasim)
4. Make a canvas that users can use as described (Zane)
 - a. Create a menu to select different stroke sizes, colors, etc.
5. Create a database for storing user info (Yin On)
 - a. Write functions for communication between db and python app (YinOn/Vincent)
6. Implement OAuth2 (YinOn/Vincent)
7. Test (Everyone)
8. Debug (Everyone)
9. Hope it works(Everyone)