Triangle Time

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Our site lets you pick one of several templates, then you can customize it. Java script will allow us to dynamically edit an html site. A user can add a variety of html elements and customize the site to their liking. When they are don, the user can save the site to their account and publish it to a subdomain of our site. It functions like squarespace except much cooler.

Basic Features
- Start with a template
- Add html elemetnts
- Customize content in elements
- Upload photos and videos cool
- Link to nycsnowdates.com

Tentative Features
- Drag and drop
- Reorder elements
- Cool javascript things
- More cooler html elements
- Drawing - extremely tentative
- Rival _^2 - tentative

Database Struture
Username | hashed password | "[filenames for saved files]" |
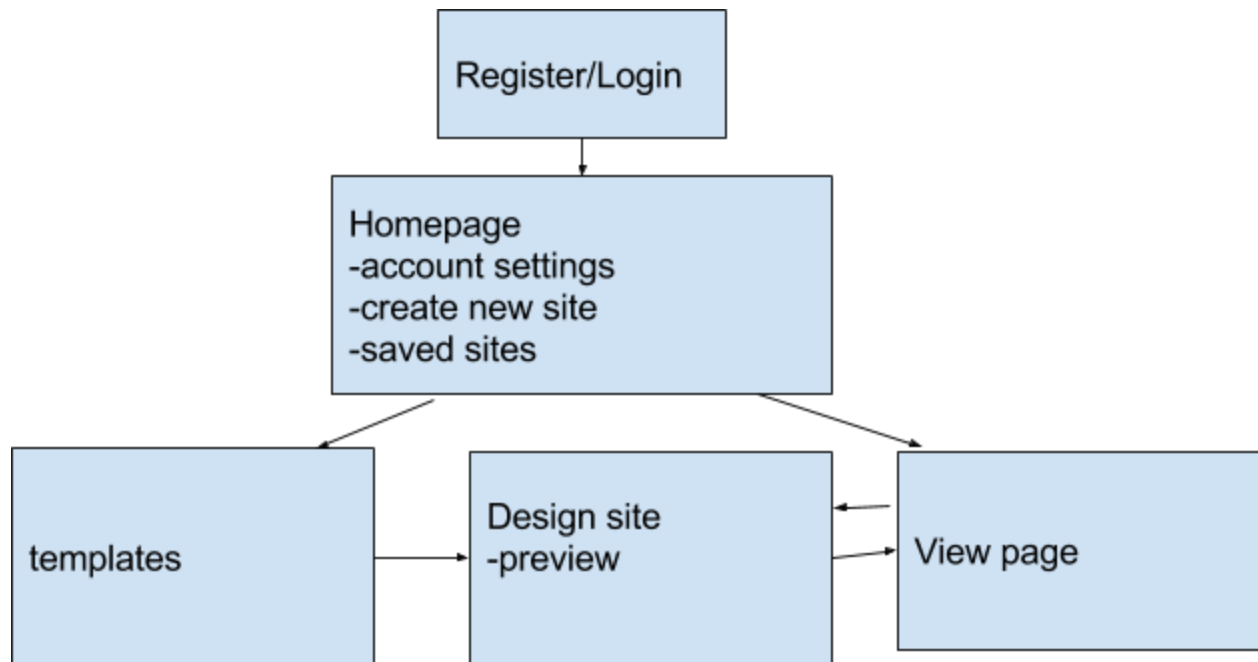
Python + JS Modules
- App.py
  - Runs the thing
- Auth.py
  - Login and logout functions
  - db interactions
- Permbowls.py
  - Generates the base website

- Save.py
  - Saves and publishes the website
- Edit.js
  - Code for editing and adding html elements to the website
  - Drag &drop
- Upload.py
  - Just responsible for uploading images
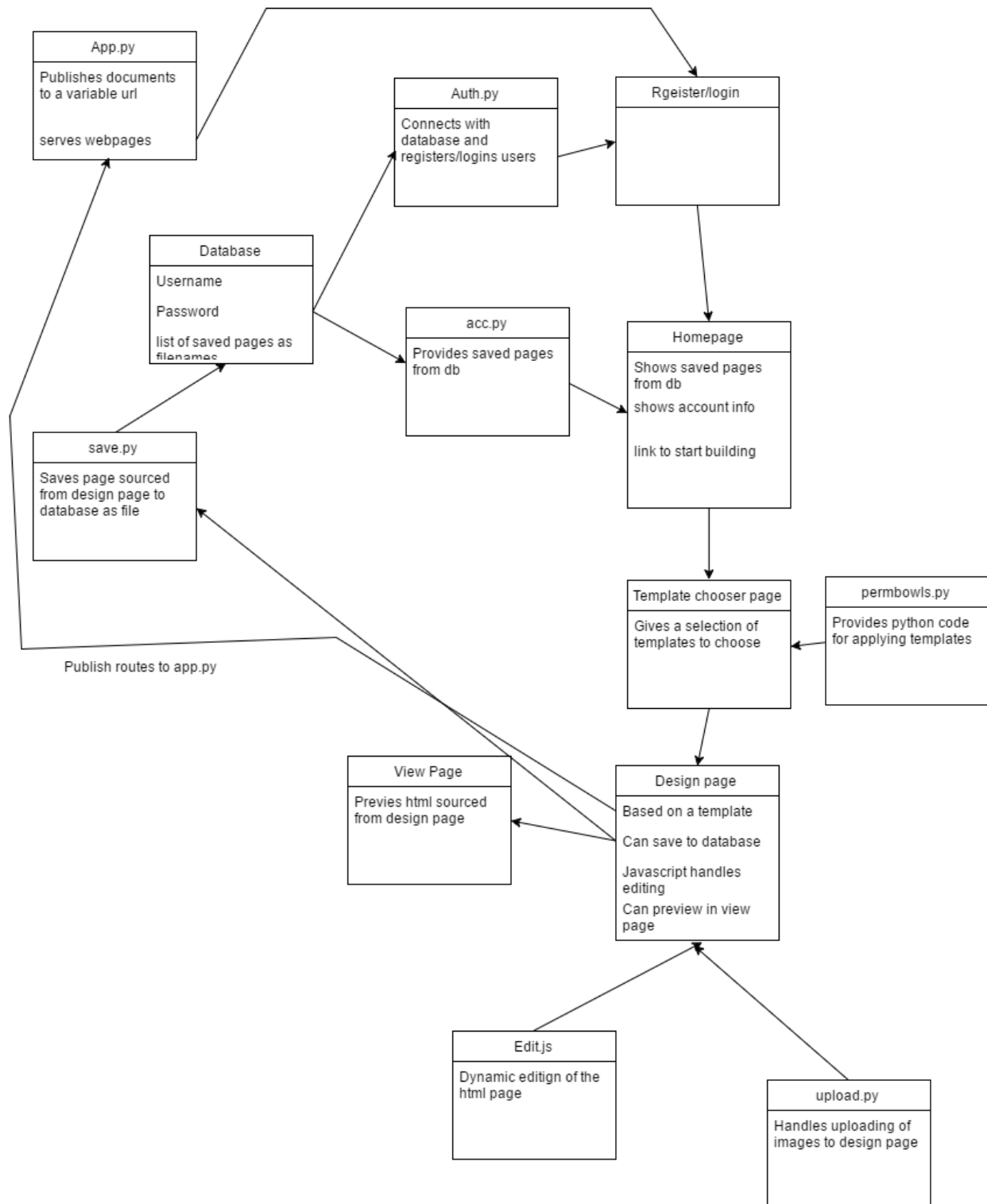- Acc.py
  - Generates data for account page

Breakdown of Tasks
- Max:
  - Edit.js
  - Javascript and editng the website
  - upload.py
- Sarah:
  - Template designs
  - Frontend beautification
  - Permbowls.py
  - View page
- BLU3:
  - Flask
  - He's the one
  - Project manager
  - app.py
- Woo:
  - Db and auth
  - Saving and publishing
  - Acc.py, auth.py, save.py
  - homepage

<u>Site Map</u>

Component Map

App.py

Publishes documents to a variable url

serves webpages

Auth.py

Connects with database and registers/logins users

Rgeister/login

Database

Username

Password

list of saved pages as filenames

acc.py

Provides saved pages from db

Homepage

Shows saved pages from db

shows account info

link to start building

save.py

Saves page sourced from design page to database as file

Publish routes to app.py

Template chooser page

Gives a selection of templates to choose

permbowls.py

Provides python code for applying templates

View Page

Previes html sourced from design page

Design page

Based on a template

Can save to database

Javascript handles editing

Can preview in view page

Edit.js

Dynamic editign of the html page

upload.py

Handles uploading of images to design page

Timeline
- January 6th: Design Document completed and uploaded to Github
- January 9th:
  - Login working
  - A couple basic templates
  - Database fully working
  - Ability to edit text fields
- January 11th:
  - Account page workign
  - Saving working
- January 15th:
  - Create and publish site working
  - edit .js done
- January 20th
  - Drag and drop implemented
  - Several templates available
  - More advanced html elements able to be added to design site page
- January 23rd
  - Css done
  - Site functions well
  - Project done