Team: MWE

Roster: Maya Berchin, Ashley Li, Evan Khosh, Robert Chen
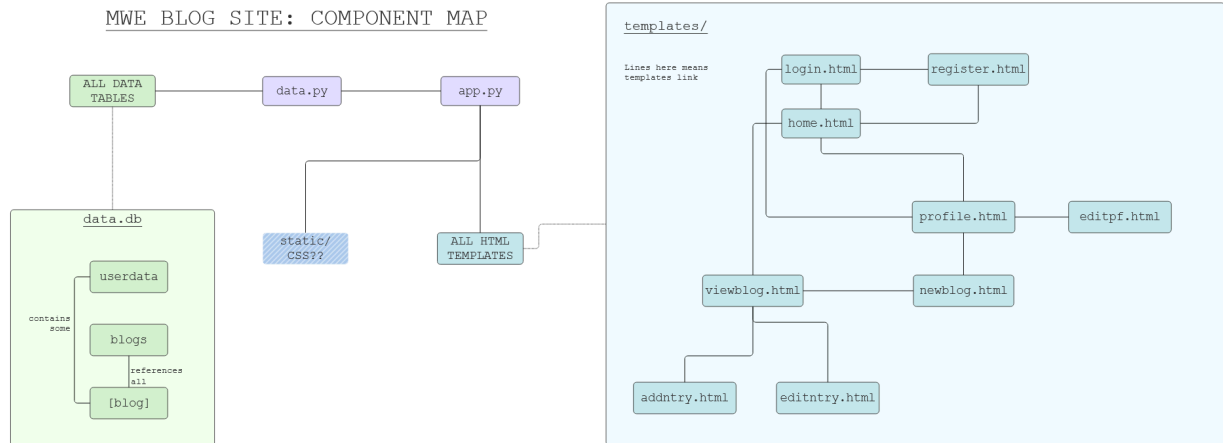
TARGET SHIP DATE: {2025-11-12}

PROGRAM COMPONENTS + EXPLANATION:

- Python files
    - *app.py*: __main__. Renders templates, pulls everything together
    - *data.py*: handles database stuff (parsing, adding)
- Static files
    - *POSSIBLE CSS*: make the site look good
- Templates
    - *login.html*: the user will be directed onto the login page first. They will be redirected to the homepage once they are logged in (automatic if they are already logged in). If they don't have an account, they can be redirected to register
    - *register.html*: the user will be able to register. They will be redirected to the homepage once they do this
    - *home.html*: the homepage. This will display all blogs. The user can view a blog by clicking on one. They can also access their profile page or log out.
    - *viewblog.html*: Renders any blog the user is trying to view. From here, the user can go back to the homepage, or they can edit the blog they are viewing if they are the author.
    - *addntry.html*: this template will be used to allow the user to edit an entry of one of their blogs.
    - *editntry.html*: this template will be used to allow the user to edit an entry of one of their blogs.
    - *newblog.html*: this template will be used to allow the user to create a new blog.
    - *profile.html*: from here, the user can go back to the homepage, can view the blogs they've written, can edit their user info, and can log out.
    - *editpf.html*: the user can edit their info here.
- Databases (stored in data.db)
    - *userdata*: table that stores data about users
    - *blogs*: table that stores all blogs and their authors

○ *[blog]*: a table for each blog, called the name of the blog, that contains data about each entry

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COMPONENT MAP:

MWE BLOG SITE: COMPONENT MAP

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DATABASE ORGANIZATION:

The following table will store the data of all users. The passwords will be hashed.

USERDATA

string	username	PK
string	password	
date	sign_up_date	
string	description	
string	blogs	

The following table will store the name and author of every blog uploaded to the site.

BLOGS

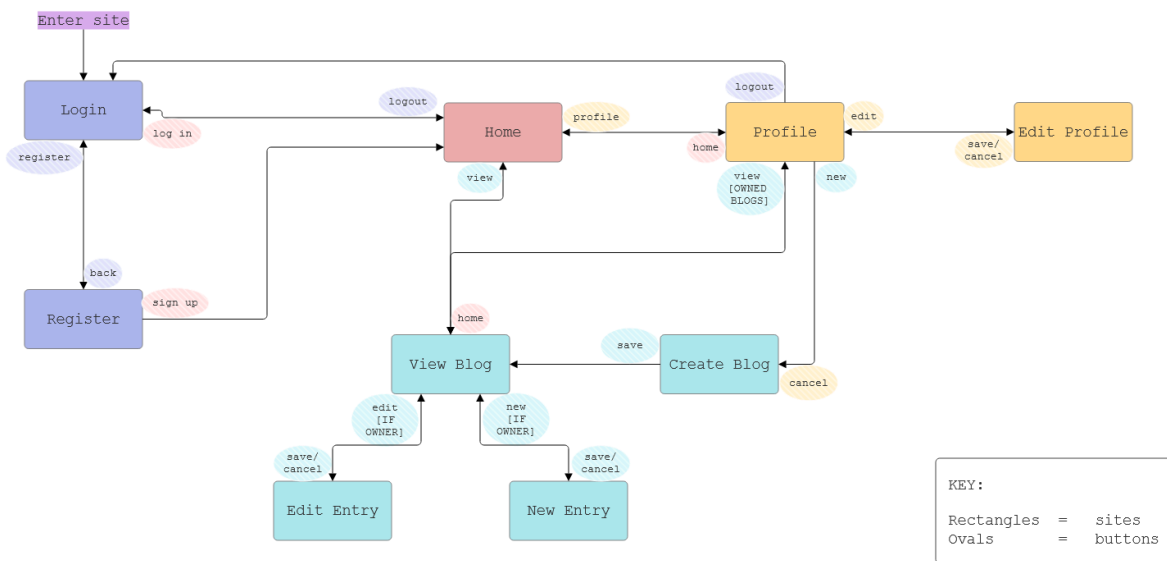| string	blog_name	
string	author_username	

There will be one of the following table for each blog on the site.
The table name will equal the blog name.

[BLOG]

string	entry_name	
date	upload_date	
date	edit_date	
string	contents	

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FRONT END:

MWE BLOG SITE: FRONT END

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TASK DELEGATION:

Task	Devo(s)
Get account info working	Evan, Maya
Register	Evan
Login/logout	Evan
Homepage	Maya
View	Ashley
Add entry	Robert
Edit entry	Robert
Profile	Ashley
Edit profile	Ashley, Robert
Make sure everything works in app.py	Everyone, overseen by Maya
Make sure everything works in data.py	Maya

CSS??	Ashley, Maya

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