

Folder STRUCTURE:

```
App.py
data/
    Users.db
    Blogs.db
static/
    style.css
templates/
    Login.html
    Feed.html
    Index.html
    signup.html
    Blog.html
    User.html
    Newblog.html
    Newpost.html
    Privatecode.html
    Subbed.html
    Myblogs.html
utils/
    Authenticate.py
    authenticatecode.py
    newpost.py
    newblog.py
    Subscribe.py
    Feedgen.py
    Userinfo.py
```

Descriptions

Templates:

Login.html - Page with a form for logging in

Feed.html - Page with blog posts from blogs you have subscribed to, starting with the newest blog posts

Index.html

Show all public blogs via pages, with login / signup page

Signup.html

Page with a form for creating a new account

Blog.html

Template for each blog. Each blog's page will contain the blogger's name as well as the posts they have created, starting with the most recent post

User.html

Template for each user's page. This will contain links to each of the user's blog pages

Newblog.html

Template for a page with a form to create a new blog

Newpost.html

Template for a page with a form to create a new blog post

Privatecode.html

A page with a form for a password to view a private blog

Subbed.html

If a user is logged in, this template will display a list of the blogs they are subscribed to, with the option to edit this list

Myblogs.html

A page that will show the logged in user the blogs they have written, and their link

Feed.html

Will shows users posts from blogs they're subscribed to

Utilities:s

Authenticate.py

Will authenticate the user's login, save a session

Authenticatecode.py

Authenticates the code the user enters with the code for the private blog they clicked on

Newpost.py

Will add the post the user made to the correct blog in the databases

Newblog.py

Will add the blog the user made to the blogs.db and to the user under his blogs that he made

Subscribe.py

Will add a blog to users.db subscribed list

Feedgen.py

Will generate a feed from the users database for either their blogs or their subscribed blogs

Userinfo.py

Will generate a user information page

Users.db

Will contain username, password, blogs they've made, (id number), and blogs they've subscribed to

Blogs.db

Database of all the blogs, with private key column (blank if public, randomly generated), an id number(ctr starting at 1), and the user who made the blog

How the Work would be Split

Lindsey: The login and register

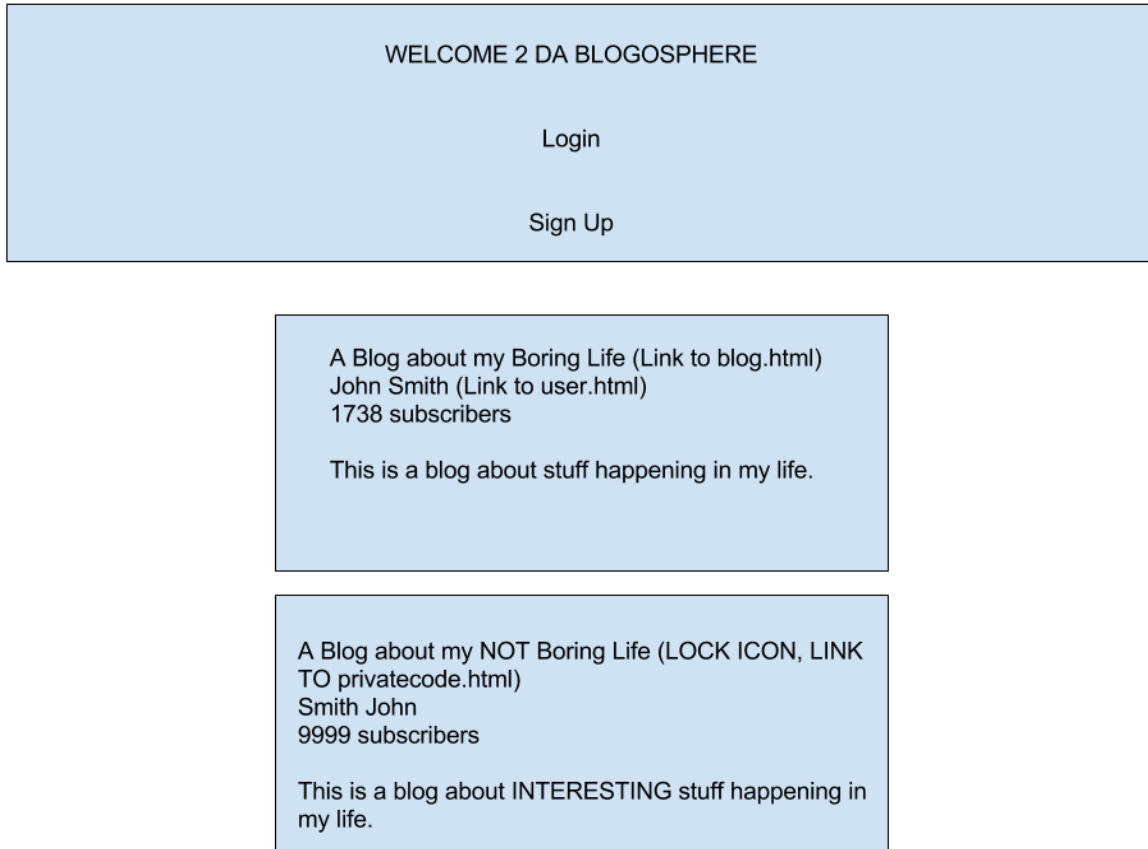
Ayman: The main page

Shaeq: Blog pages + comment functions

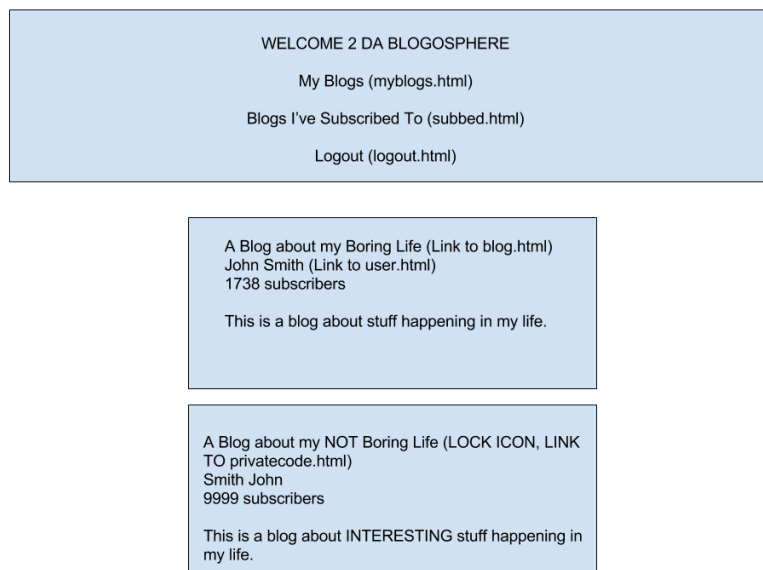
Nobel: Private Posting function + Profiles

Diagrams (apologize for formatting)

Default non logged in page



Page after being logged in



User page

User photo

Name

Short bio

Dude's blog

Dude's second blog

Blog example

Blog name (add icon →)
Blog description
Subscriberz

+

blogpost

Blogpost2

New blog

Blog name

Blog description

Make blog

New Post

Post title

Post stuff here

Which blog to submit to
(dropdown)

↓

submit