Project 2: The Second One

Team Gibby: Kate, Olivia, James, Brian

Overview:

Our website Project 2: The Second One © will be a collaborative storytelling app. Users can either start a new story, add to an existing one, or view the ones they've contributed to. Have fun!

Specific Components and Files:

Python Files:
- app.py
  - holds the main functions/routes for the website, plus code that creates the user homepage, uses the master DB to access links and stories
  - controls viewing function
- create.py
  - Adds story info to DB from the html form
- auth.py
  - functions to check login/register information
- settings.py
  - functions for customizing user page

Html Files:
- main.html
  - Shows home page
  - Includes buttons to create stories, managing settings
  - Lists story links with titles and last entries that user can add to
  - Lists story links that the user can read
- create.html
  - Text fields to enter title, story
  - Buttons to go to homepage, account settings, log out
- view.html
  - Displays story, accessed by database
- add.html
  - Displays previous entry
  - Textbox for the new entry
- settings.html
  - Change password for username
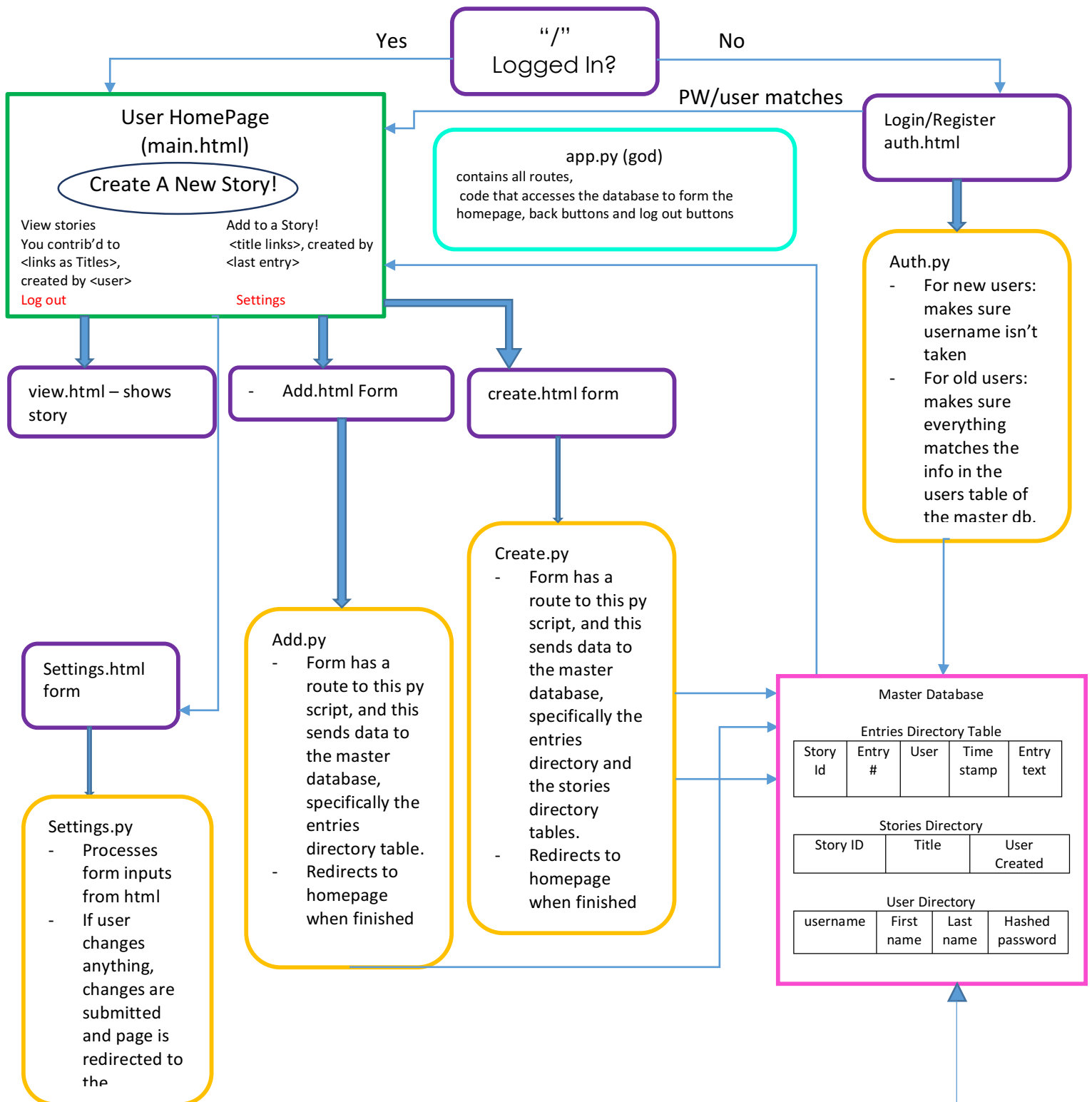 - Change background color (?)

Databases:
- Master Database
  - Tables:
    - User Table

- Username | First Name | Last Name | hashed password
  - Stories Directory
    - Story ID | Title | User Created | Timestamp
  - Story Entries Table
    - Story ID | Entry # | User | Timestamp | Text Content

Tasks and Assignments:

1. **Brian:** Create databases
2. **Olivia:** App.py, Login/Register, auth.py, sessions
   a. Initialize routes, url_for's
3. **James**: View.html
4. **Brian:** Create.py/Create.html
5. **Kate:** Settings.py/Settings.html
6. **Olivia:** Add.py/Add.html
7. **Kate:** Readme.md
   a. overview
   b. SPECIFY formatting + stylistic choices
8. **James**: CSS Style Sheet
9. **Olivia:** Squad Manager

Component Map

"/"
Logged In?

Yes ← → No

PW/user matches

User HomePage (main.html)

Create A New Story!

View stories
You contrib'd to
<links as Titles>,
created by <user>
Log out

Add to a Story!
<title links>, created by
<last entry>
Settings

app.py (god)
contains all routes,
code that accesses the database to form the
homepage, back buttons and log out buttons

Login/Register auth.html

Auth.py
- For new users: makes sure username isn't taken
- For old users: makes sure everything matches the info in the users table of the master db.

view.html – shows story

- Add.html Form

create.html form

Settings.html form

Create.py
- Form has a route to this py script, and this sends data to the master database, specifically the entries directory and the stories directory tables.
- Redirects to homepage when finished

Add.py
- Form has a route to this py script, and this sends data to the master database, specifically the entries directory table.
- Redirects to homepage when finished

Settings.py
- Processes form inputs from html
- If user changes anything, changes are submitted and page is redirected to the

Master Database

Entries Directory Table

Story Id	Entry #	User	Time stamp	Entry text

Stories Directory

Story ID	Title	User Created

User Directory

username	First name	Last name	Hashed password

Site Map

Login/Register
auth.html

If already logged in

User HomePage
(main.html)

Create A New Story!

View stories
You contrib'd to
<links as Titles>,
created by <user>
Log out

Add to a Story!
<title links>, created by
<last entry>

Settings

Settings.html
- Changes account settings: password, background color

create.html
- Form where the user enters a title and the first entry.

view.html
- Displays link you clicked on
- "back home", "log out" buttons

add.html
- Brings user to a new page where the title, creating user, and last entry are displayed on top, and then there's a textbox on the bottom for the user to enter the next entry