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:

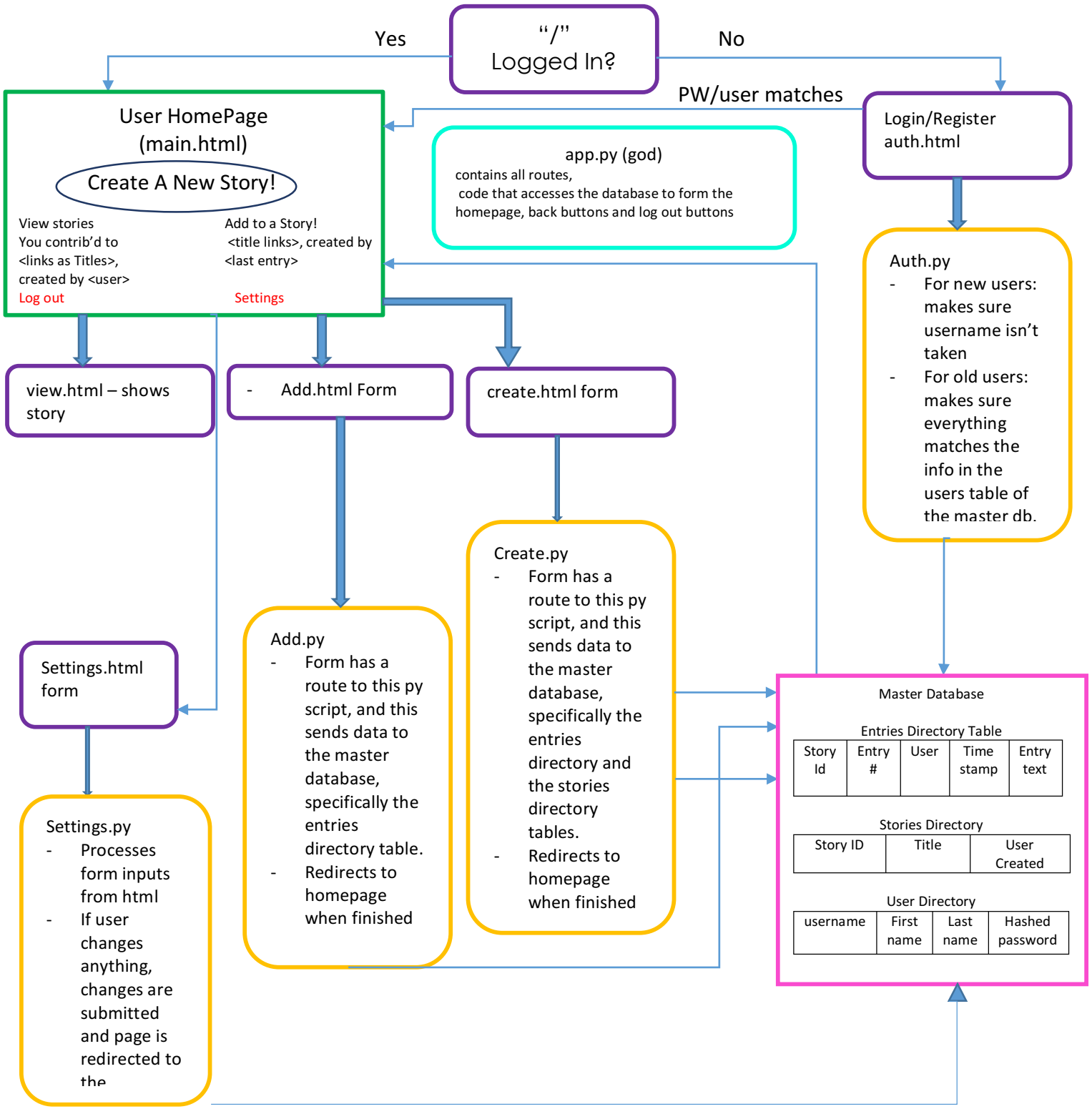
- Master Database
  - Tables:
    - User Table

        - 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

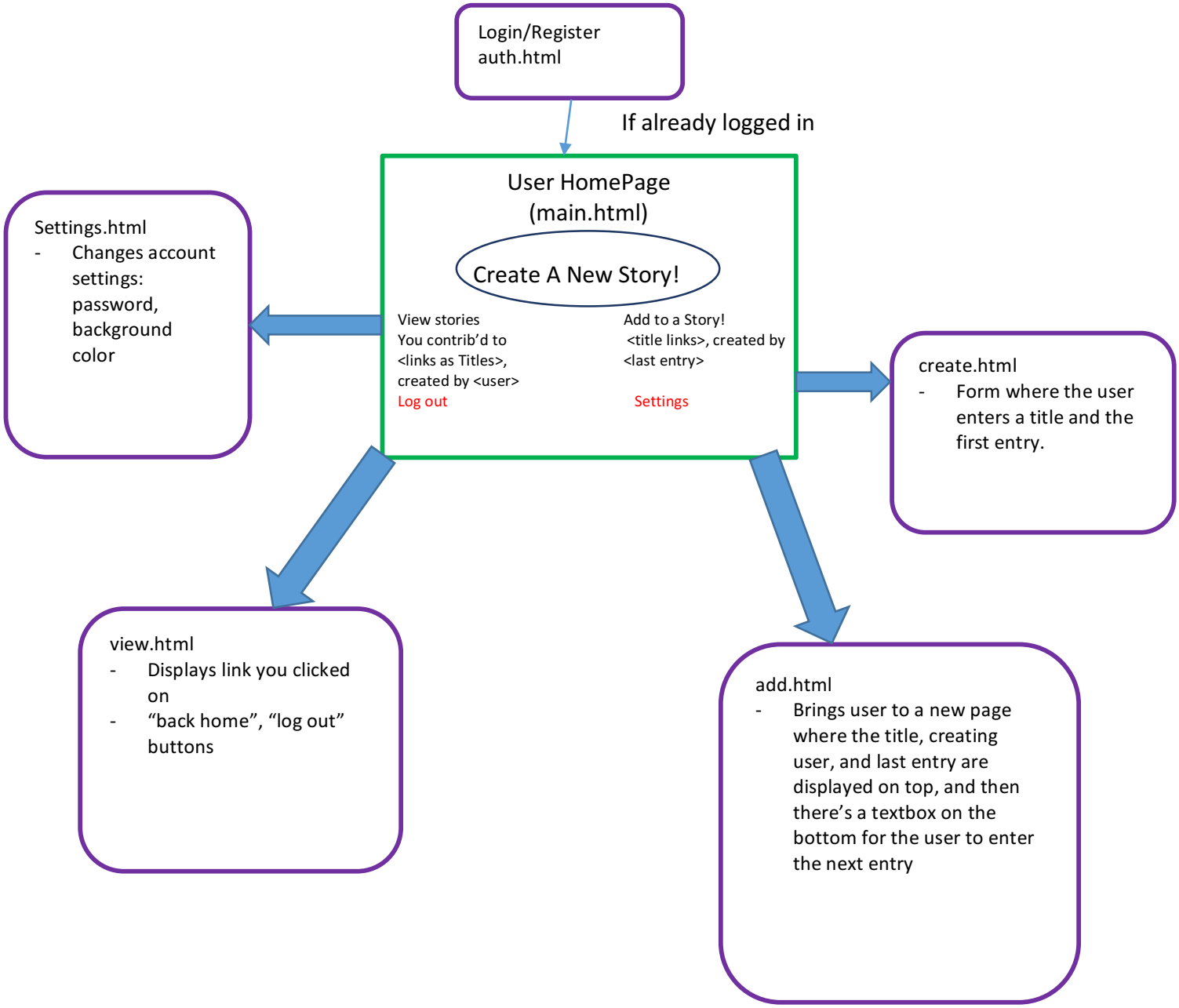
Tasks and Assignments:

1. **Brian:** Create databases
2. **Olivia:** App.py, Login/Register, auth.py, sessions
    a. Initialize routes, url_for's
3. **James**: main.html
4. **Brian:** Create.py/Create.html
5. **Kate:** Settings.py/Settings.html
6. **Olivia:** Add.py/Add.html
7. **Kate:** View.html
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
Login/Register
auth.html
app.py (god)
contains all routes,
code that accesses the database to form the homepage, back buttons and log out buttons
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
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.html form
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