Team: CJ^3
Jordan Yaqoob: story creation/updating
Chloe Delfau: login/registration
James Wang: middleware
Jiaqi Gao: project manager, design

Primary functions:
- Create account/log in
- Make a new story
- Contribute to any incomplete story
- Read completed stories

Secondary functions:
- User profiles
- Liked stories
- Forget password/Security questions

I. **Account Registration**
    A. Username (assign unique user id)
    B. Password
    C. Confirm Password
    D. Date of Birth
    E. Once you register, redirect to login page
        1. Potential error messages:
            a) Not all fields are filled
            b) If username already exists
            c) Password and confirm password do not match
            d) User not old enough to contribute to stories
            e) Password doesn't fit the security requirements

II. **Accessibility**
    A. Not logged in
        1. Able to access homepage
            a) Can read completed stories in its entirety
            b) Can see the title + first contribution + first author of incomplete stories (if an incomplete story is clicked, user is directed to login/signup page)
        2. Able to see other user's profiles
        3. Able to search for specific stories by title
        4. Can view stories sorted by time created and number of likes
    B. Logged in
        1. Everything from not logged in users
        2. Have the option to contribute to stories labeled incomplete immediately
            a) User can only contribute to a story once
        3. Able to initiate a new story

a) Must give the story a title

b) Must give first contribution

4. Able to like stories (only applies to completed stories)
5. Able to tag a story (state its genre)

III. Contributions

A. Limited to 150 characters
B. Users can tell where the story has progressed (e.g. 8th contributor)
C. Story ends at the 15 contributor mark and is released as a completed story that can be read in its entirety by everyone
D. Original author can delete story if no contributions have been made yet

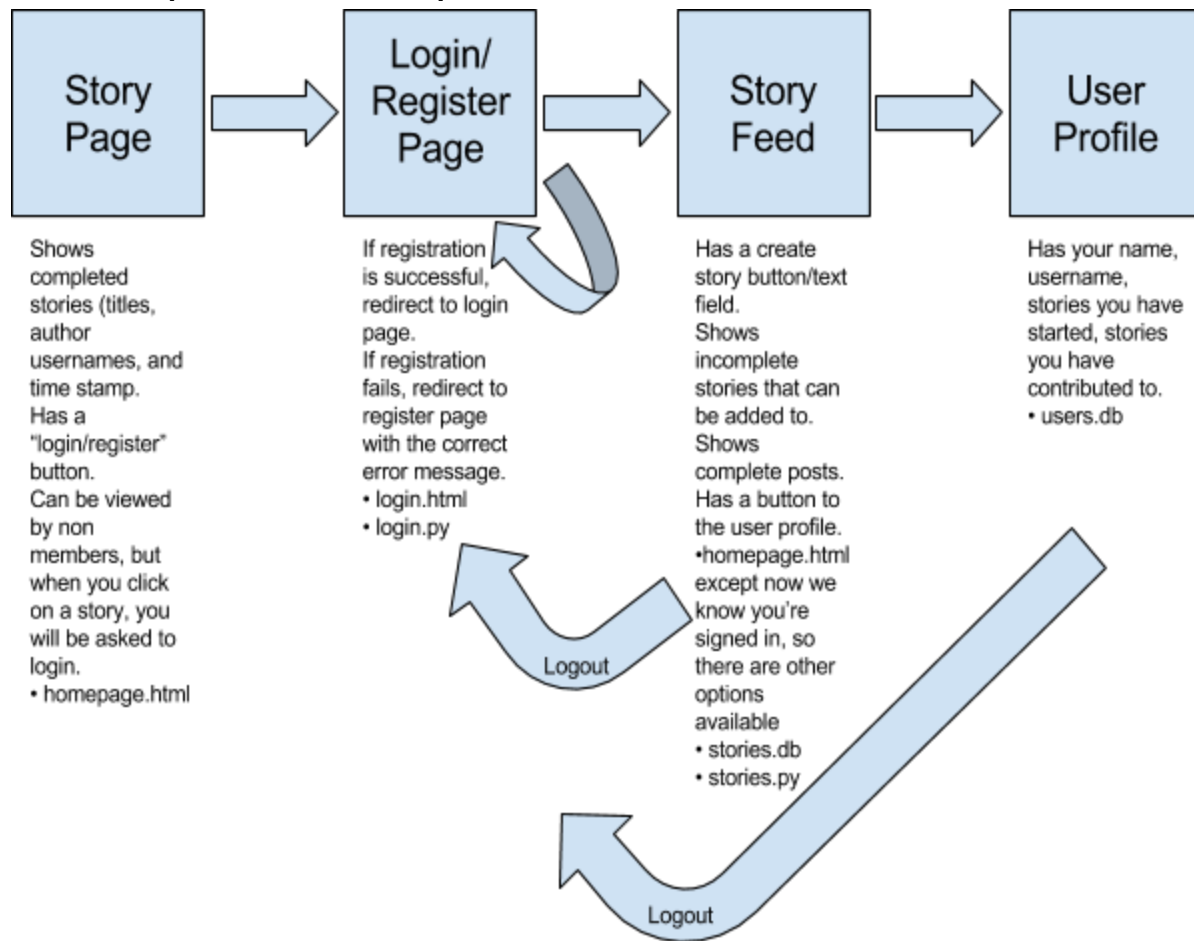## IV. User profiles

A. Two tabs: Stories user contributed to + Stories user has liked
B. Once user creates account, he/she prompted to fill out a few questions used to build user profile (e.g. name, DOB, favorite genres, etc)
C. Can add or edit personal information

V. Additional components

A. Stories can have tags
B. Stories in feed can be sorted by genre (tags)
C. Users can "like" stories

VI.   Component and Site Maps

Story Page	→	Login/ Register Page	→	Story Feed	→	User Profile

Shows completed stories (titles, author usernames, and time stamp. Has a "login/register" button. Can be viewed by non members, but when you click on a story, you will be asked to login.
• homepage.html

If registration is successful, redirect to login page.
If registration fails, redirect to register page with the correct error message.
• login.html
• login.py

Has a create story button/text field.
Shows incomplete stories that can be added to.
Shows complete posts.
Has a button to the user profile.
•homepage.html except now we know you're signed in, so there are other options available
• stories.db
• stories.py

Has your name, username, stories you have started, stories you have contributed to.
• users.db

Logout

Logout

Homepage Tentative Design

	Register	Login

Completed   Incomplete

Title
Author
Latest contribution
saxasxadsadscscacscsacascmascaskcmkasmclkasclascasca
scas– 999 hours ago

Title
Author
Latest contribution
saxasxadsadscscacscsacascmascaskcmkasmclkasclascasca
scas– 9999 hours ago

Profile Design

	Log Out

Username

Contributions   Likes

Title
Username
Latest contribution
saxasxadsadscscacscsacascmascaskcmkasmclkasclascasca
scas– 999 hours ago

Title
Username
Latest contribution
saxasxadsadscscacscsacascmascaskcmkasmclkasclascasca
scas– 9999 hours ago

VII.   Database schema
    A. Users

id	INTEGER
username	TEXT
password	TEXT

DOB	INTEGER

B. Stories

id	INTEGER
author	INTEGER
timestamp	INTEGER
content	TEXT
last_update	TEXT
contributors	TEXT
tags	TEXT