**Da Art of Storytellin'**
**Team CJ^3: Jordan Yaqoob, Chloe Delfau, James Wang, Jiaqi Gao**
Friday tentative deadline

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

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

**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

**Accessibility**
    F. Not logged in
        1. Prompted to log in
    G. 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 tag a story (state its genre)
        5. Can read all updates to stories user has created and contributed to

**Contributions**
    H. Limited to 150 characters

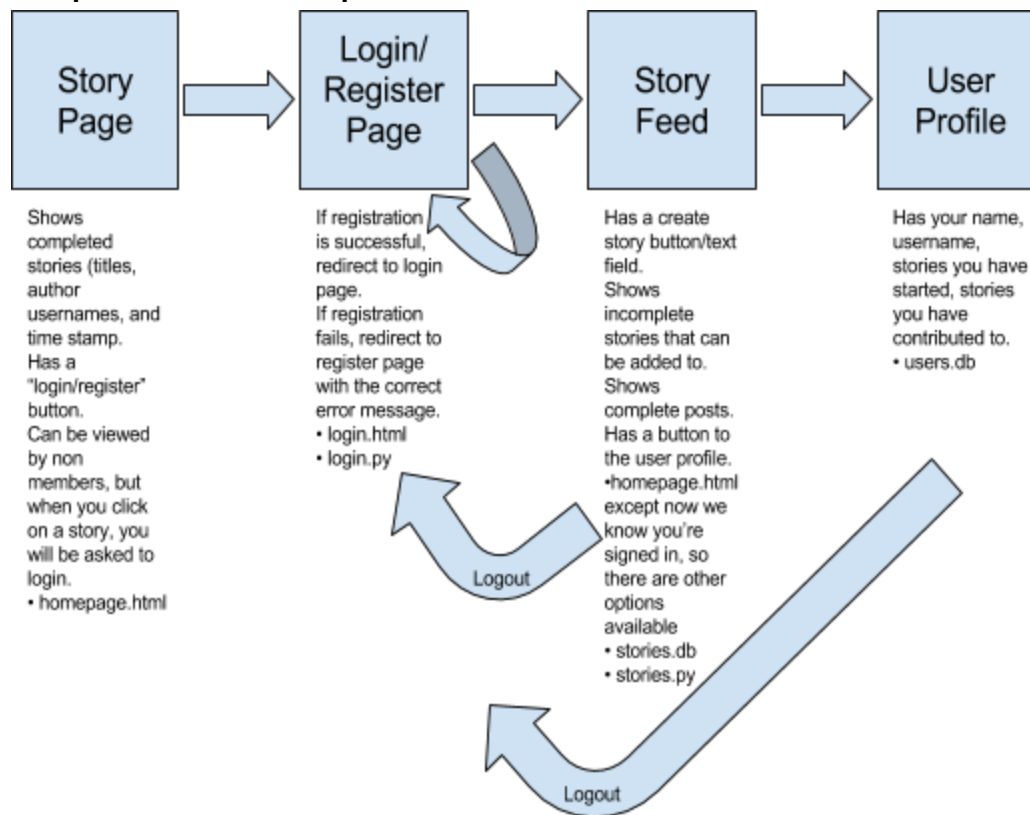**User profile**

        I. Once user creates account, user can build a user profile (e.g. name, DOB, about me, etc)

        J. Can add or edit personal information

**Additional components**

        K. Stories can have tags

        L. Stories in feed can be sorted by genre (tags)

        M. Users can "like" stories

**Component and Site Maps**



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

**Story Page:** 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

**Login/Register Page:** If registration is successful, redirect to login page. If registration fails, redirect to register page with the correct error message.
• login.html
• login.py

**Story Feed:** 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

**User Profile:** Has your name, username, stories you have started, stories you have contributed to.
• users.db

Logout

Logout

*Homepage Tentative Design*

| | | | Profile | Register | Login |
|---|---|---|---|---|---|

**Title**

*Author*
Latest contribution
saxasxadsadscscacscsacascmascaskcmkasmclkasclascasca
scas– 999 hours ago

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**Title**

*Author*
Latest contribution
saxasxadsadscscacscsacascmascaskcmkasmclkasclascasca
scas– 9999 hours ago

**Database schema**

A. Users

| id | INTEGER |
|---|---|
| username | TEXT |
| password | TEXT |
| DOB | INTEGER |

B. Stories

| id | INTEGER |
|---|---|
| username | TEXT |
| title | TEXT |
| content | TEXT |
| timestamp | INTEGER |
| tags | TEXT |

C. Updates

| id | INTEGER |
|---|---|
| storyid | INTEGER |
| userid | INTEGER |
| timestamp | INTEGER |
| content | TEXT |

**Jordan Yaqoob: creation/updating**
- Story Creation/ Updating
    - Create.html
        - Displays form for user to create new story, giving title and first contribution
    - Story.py
        - Contains code to load up both create.html and contribute.html using Flask and Jinja
        - Accesses database to add new stories and contributions

**Chloe Delfau: login/registration**
- Login and Registration

**James Wang: middleware**
- Use Jinja to display information
- Create html forms that will be submitted to their respective api endpoints
- contribute.html
    - Page that allows users to add contributions to an existing story

**Tentative work plan:**

**Tues Nov 1**

Class:

- ❖ Continue with the work plan created the day before (c+pasted below).
- ❖ Make sure all necessary files have been created (even if they're empty).
- ❖ Plan out how stories are being stored (is each story getting its own database or are we modifying our database schema to include a column for story id?)

Homework:

- ❏ Jordan: Create new story--just text of the story (create.html)
- ❏ Chloe: Basic login/registration (app.py, home.html, register.html,  login.html)
- ❏ James: Ability to contribute to existing story (update.html, you reach this file by redirecting from a button from home.html). Start creating HTML files with Jinja templates.

**Wed Nov 2**

Class:

- ❖ Ensure site redirects properly from register/login -> homepage -> read story -> create story/contribute story
- ❖ Connect the files

Homework:

Fix anything buggy from previous assignments

- ❏ Jordan: Start to add additional info to database when users create a new story (i.e. author id, author, last_update count, see DESIGN) and when users contribute to existing stories
- ❏ Chloe: Add sessions to save user login data, add a logout button
- ❏ James: Adjust code such that contribute ability only applies if user is logged in.
- ❏ Jiaqi: CSS for login/registration since I'm not really do anything code-y until once there are completed files to merge ki

**Thur Nov 3**

Class:

- ❖ Check up on what has been completed by running through what we currently have and address any problems.
- ❖ Finish anything not completed the night before.

Homework:

Fix anything buggy from previous assignments

- ❏ Jordan: Work on how only the last contribution of a story is displayed in the homepage
- ❏ Chloe: Add rules to account registration (for security purposes)
- ❏ James: Work on how all the stories get displayed in home.html
- ❏ Jiaqi: Create a navigation bar with links to redirect users to places they want to be (this will exist on every page after login/register)

**Fri Nov 4 + Weekend**

<u>Class:</u>
- ❖ Check up on what has been completed/Run through.
- ❖ Address any problems, finish anything incomplete from previous assignments

<u>Homework:</u>

Fix anything buggy from previous assignments

[Main structure of site will be completed by Friday 12:00AM so that the weekend can be reserved for additional components]

- ❏ Chloe + Jordan: Work on creating a profile
- ❏ James: Adding a timestamp feature