

Team WXYZ (Tina Wong, Raymond Wu, Jerry Ye, Ivan Zhang)

SoftDev pd7

P00 -- Da Art of Storytelling'

T 2018-10-16

Scenario One: Collaborative storytelling game/website

Project Description:

Your team has been contracted to create a **collaborative storytelling game/website**.

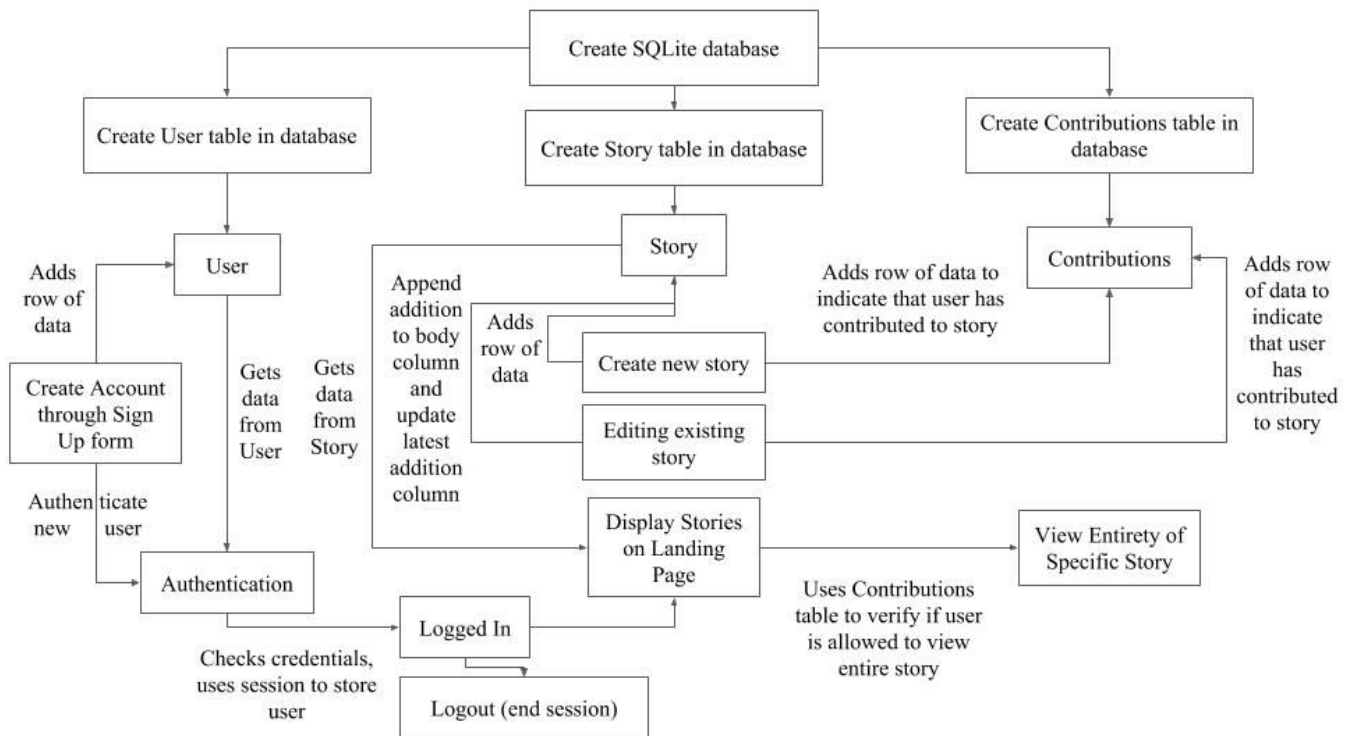
- Users will have to register to use the site.
- Logged-in users can either start a new story or add to an existing story.
- When adding to a story,
  - Users are shown only the latest update to the story, not the whole thing.
  - A user can then add some amount of text to the story.
- Once a user has added to a story, they cannot add to it again.
- When creating a new story,
  - Users get to start with any amount of text and give the story a title.
  - Logged in users will be able to read any story they have contributed to on their homepage (the landing page after login).

Project Manager: Ivan Zhang

List of Program Components:

- Create SQLite database which stores the data about:
  - Each user and their login information
  - Each story
  - Each contribution/addition to a story followed by the user who made it and story to which they made it to
- Landing page
  - Allows logged-in users to read any story they have contributed and to create new story
  - If user is not logged-in: provides links to the login page and the sign up page
- Authentication allows only logged-in users to start a new story, view stories, or add to an existing story
- Account creation through a signup form on the website allows users to directly create their accounts on the site
- Logout capability
- Allow users to create a new story
- Allow users to edit an existing story, but are only shown the latest update
- Allow users to view the full edit history of a story they contributed to
- Page templating to layout how stories and login forms will be shown to the user
- Link pages together to allow users to easily move through the site
- Non-core features
  - Making the website aesthetic to make the site user-friendly
  - Tiered level of access accounts (hierarchy) to allow different users to have different levels of control of the site
  - Provide the search functionality
  - Rating stories

## Component map/Explanation visualizing relationships between components:



## Database Schema:

users

id *	username	password
INTEGER unique null	STRING unique null	STRING null

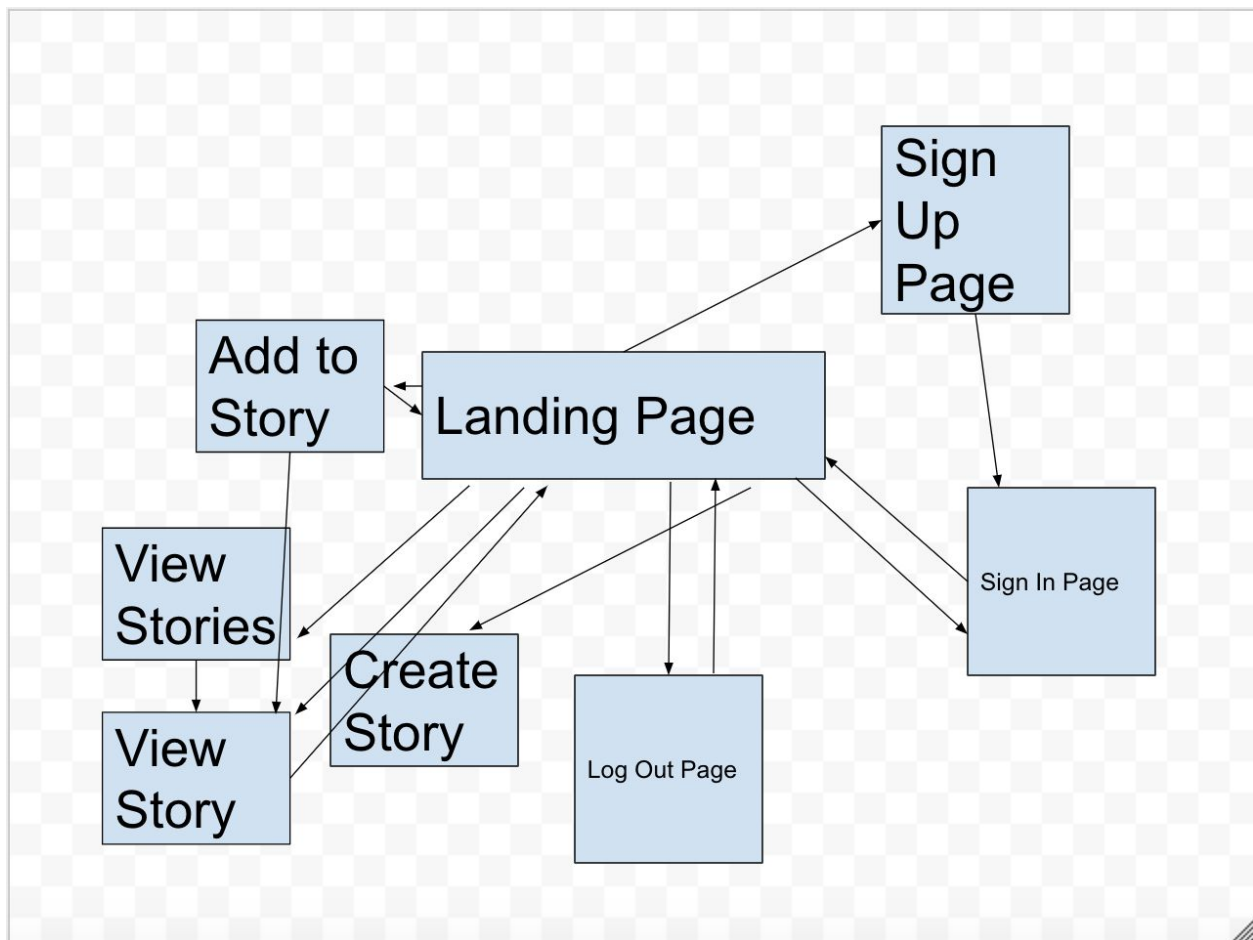
stories

id *	title	body	latest-addition
INTEGER unique null	STRING null	STRING null	STRING null

contributions

id *	user-id	story-id
INTEGER unique null	INTEGER null	INTEGER null

## Front End Site Map:



## Breakdown of Tasks and Group Member Assignments, ordered in priority:

1. Create a GitHub repo (Ivan)
2. Start with Flask Starter Kit (Ivan)
3. Basic Landing page (Raymond) —(Anticipated: 10/18)  
***to be continuously updated as new features are added***
4. Database for users (Jerry) (Anticipated: 10/19)
5. Account creation on the website, Sign Up Form and Page (Jerry) (Anticipated: 10/20)
6. Account login and authentication, Sign In Form and Page (Tina) (Anticipated: 10/20)
7. Database for stories (Ivan) (Anticipated: 10/19)
8. Create new stories ***\*login required\**** (Tina) (Anticipated: 10/22)
9. Page templating for stories (Jerry) (Anticipated: 10/22)
10. View existing stories that the user has contributed to (Tina)
11. Database for contributions (Raymond) (Anticipated: 10/19)
12. Add to stories ***\*login required\**** (Raymond) (Anticipated: 10/22)
13. Search functionality for stories (Raymond) (Anticipated: 10/24)
14. Tiered Access Levels (Jerry) (Anticipated: 10/24)

15. Rating stories (Tina) (Anticipated: 10/24)
16. Summary Document (Ivan) (Anticipated: 10/25)

Tasks being done concurrently:

1. Maintaining devlog (Everyone)
2. Revising Design Doc (Ivan)
3. Entries in devlog addressing mid-development modifications (Ivan)