Ivan Yeung Daniel Yentin (Team Success)
Soft Dev
Storytelling game/website
2022-10-31

1. Program Components

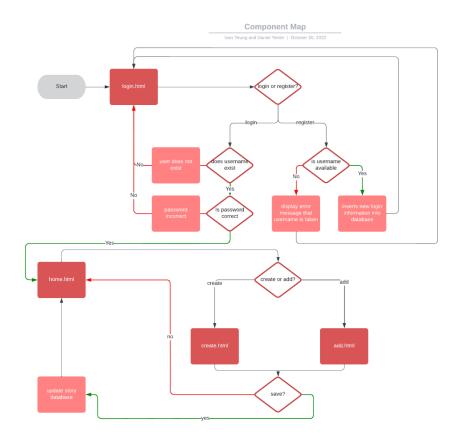
- **a.** Flask
 - i. /templates
 - 1. login.html
 - 2. home.html
 - 3. create.html
 - 4. add.html
 - ii. /static
 - 1. login.css
 - 2. home.css
 - 3. create.css
 - 4. add.css
 - iii. app.py
 - 1. @app.route("/"):
 - a. login form: username & password
 - b. register form: username & password
 - 2. @app.route("/home"): processes login input, then displays buttons to start a new story or add to an existing story
 - a. type=login: check username for existence / password correctness
 - b. type=register: check for username availability
 - c. New Story: two text input boxes:
 - i. Title (unique)
 - ii. Body
 - d. Add to Story: selection box (displays editable stories)

- 3. @app.route("/create"): renders a page with two empty text boxes where the user can add a title and write their story and upload it to the database
- 4. @app.route("/add"): renders a page with the last contribution to the story and a text box where user can submit their own addition

b. SQLite3

- i. Used in app.py to store data that users provide as they navigate through the site
- ii. .db file holding the tables and information

2. Component Interactions/Component Map



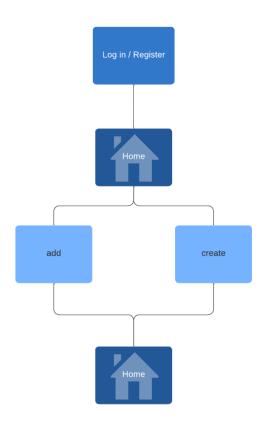
3. Database Organization

- **a.** stories: | title | creator | body | latest contribution |
- **b.** <story>: | contributors |
- **c.** users: | username | password |
- **d.** <user>: | stories |

4. Site Map

Site Map

Ivan Yeung and Daniel Yentin | October 30, 2022



5. Task Breakdown

a. html templates: Ivan

b. static css: Daniel

c. app.py: Daniel & Ivan