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
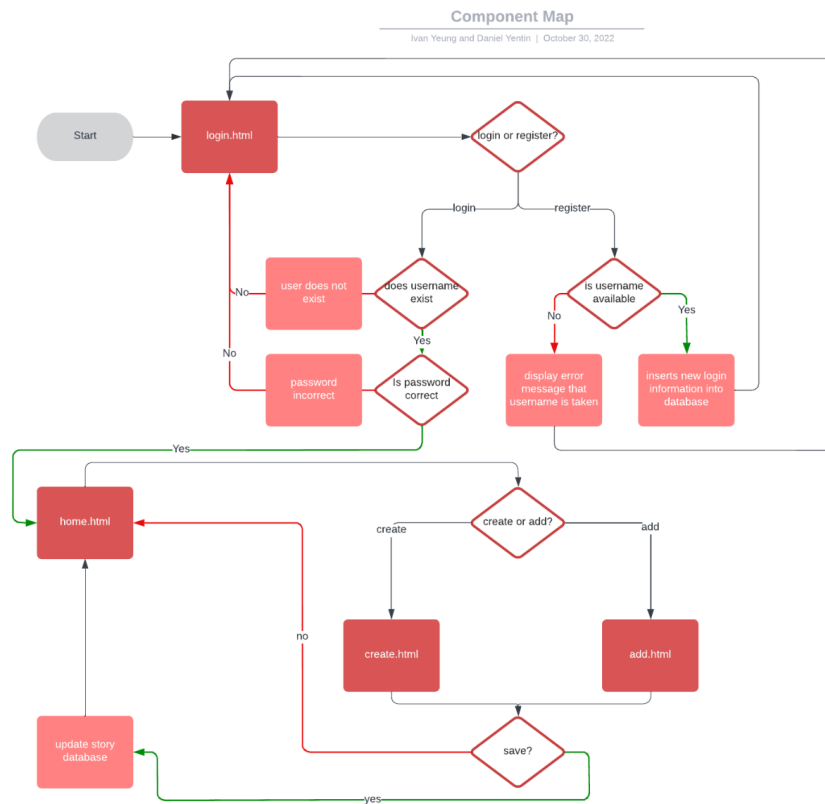
            2. home.css

            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
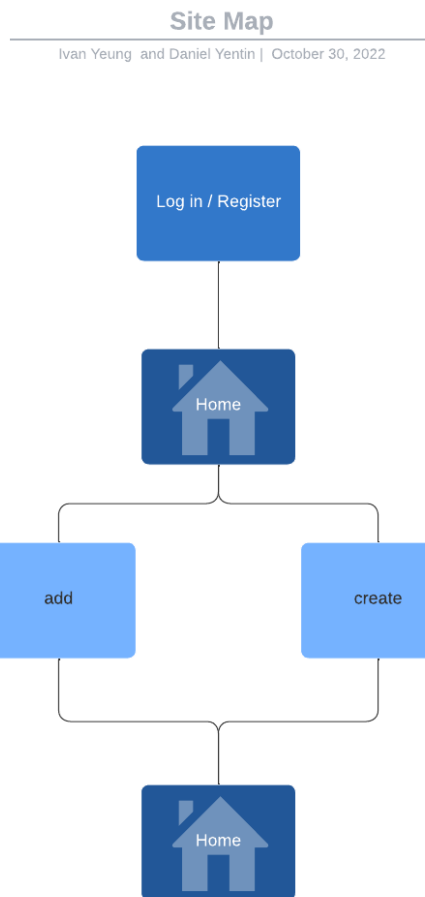
  ii. .db file holding the tables and information

2. Component Interactions/Component Map

Component Map
Ivan Yeung and Daniel Yentin | October 30, 2022

3. Database Organization

a. stories: | title | creator | body | latest contribution |

b. <story>: | contributors |

c. users: | username | password |

d. <user>: | stories |

4. Site Map

Log in / Register

Home

add

create

Home

5. Task Breakdown

    a.   html templates: Ivan

    b.   static css: Daniel

    c.   app.py: Daniel & Ivan