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Project Manager: Giorgio Vidali

Software Development

Project 0: Tell me a story... or write about it

2017-10-29

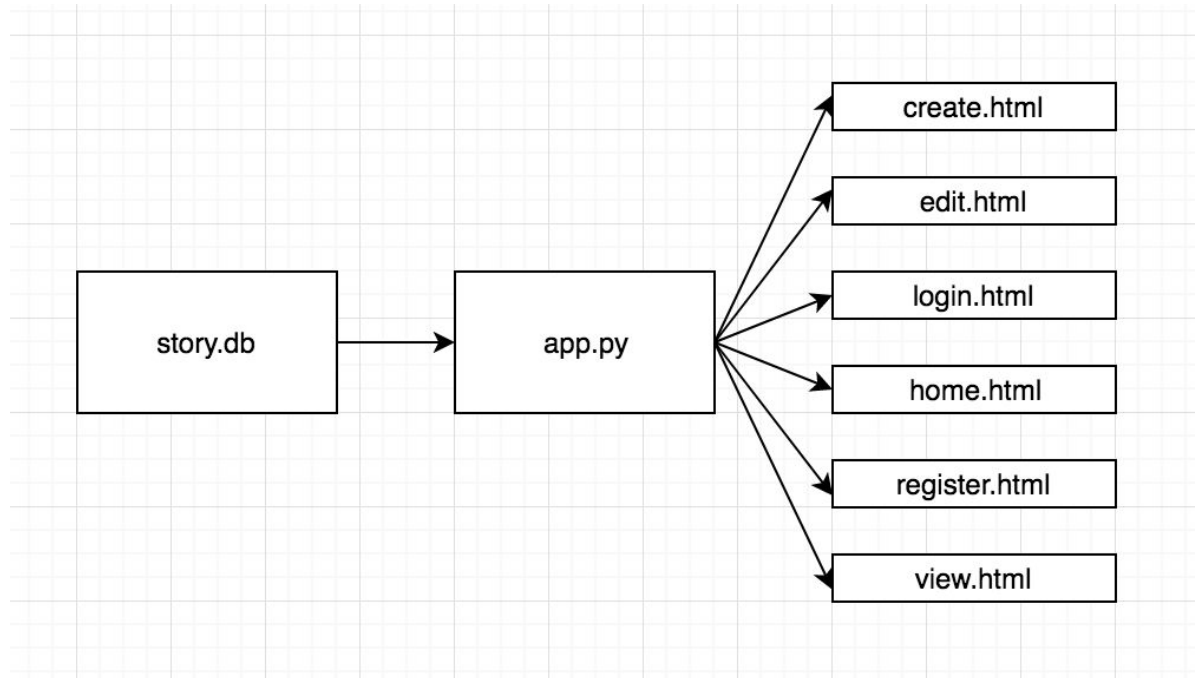
Component Map

Python

- app.py: will hold all the functions, routes/possible pages, interacts with flask/jinja and databases

HTML

- login.html: serves two purposes
 - 1) login
 - 2) create account
- register.html
 - 1) Register account and add to database
- home.html: successfully logged in, allows you to three options
 - 1) read any story user has contributed to
 - 2) edit any story user has not contributed to
 - 3) create a new story
- view.html: displays the story
- edit.html: displays the last update to the story and allows addition of a certain number of characters
- create.html: displays a blank page for submission of text, allows title choice
- story.db: refer to Database Schema below



Database Schema

- users: username, password, id

username	password	id
"giorgio"	projectmanager23	233
"connie"	laylow	243

- useredit: id, storyid, edit

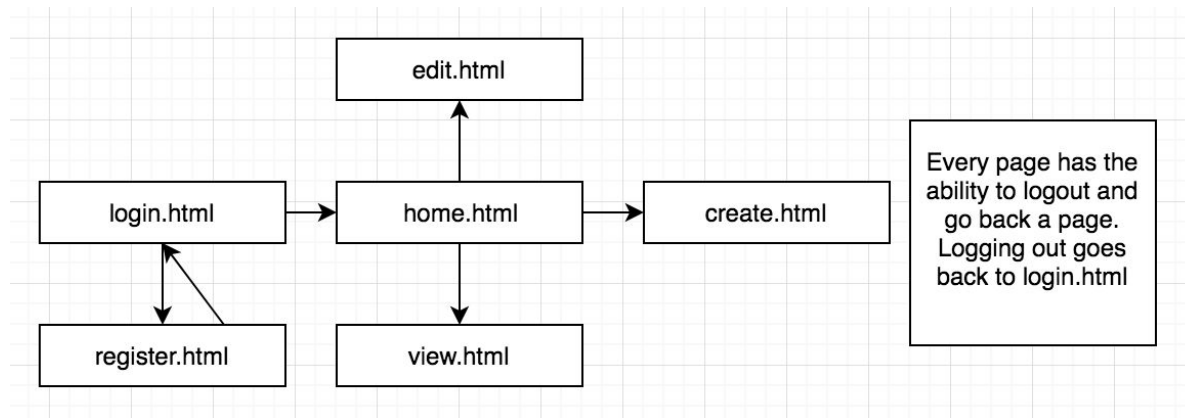
id	storyid	edit
233	0	"Life was all good"
233	1	"The rabbit jumped down a hole and died."
243	0	"I agree with the above statements."
233	1	"But was revived."
243	2	"I like sleeping."

- storylist: title, authorid, storyid, contributors, display

title	authorid	storyid	contributors	display
"Unlucky"	233	0	2	"I agree with the above statements."
"Lucky"	233	1	2	"But was revived."

"Life"	243	2	1	"I like sleeping."
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Site Map



Page Organization

Login page: if the user is logged in, redirects to the welcome page, otherwise regular login screen with two button, one to sign up one to login, usernames/Passwords are stored in a db, signing up writes to the db, directs to user's home page if login is successful

User home page: directed here after successful login, gives user option to read stories the user has contributed to, lets user browse stories to contribute to, button to log out.

View story page: if already contributed to, shows the whole story with the title at the top of the page and the posts chronologically starting at the top

Create page: allows user to create a new page with space for a title and space for their first contribution to the story

Edit page: allows user to commit changes to a desired story.

Tasks to Complete(Incremental Development)

1. Login System
 - a. Set up logging in/out and signing up
 - i. Add to db of users when signing up
 - ii. Password hashing
2. User home page
 - a. Button leading to page to create stories
 - b. Display "news feed" of stories already contributed to
 - c. Button leading to page of possible stories to contribute to
3. Accessing the stories
 - a. Db work
4. Creating new stories
 - a. Create page to create new stories with title and first addition
 - i. Add to db of stories

5. Viewing and editing the stories
 - a. New page for each story
 - b. When adding to new stories, only display previous addition
 - i. Add to db with each addition
 - c. When viewing story already added to, display full story
 - d. Display which user makes which post
6. Cleaning up the HTML

Roles:

1. Project Manager: Giorgio Vidali
2. Login System Expert: Xing Tao Shi
 - Implements the login system as well as making sure the project has organized and visually appealing html. Will work with the database expert for the login system.
3. Database Expert: Connie Lei
 - Decides how we should organize our data. One table for all the stories.
 - A table for usernames/passwords
4. HTML Expert: Bermet Kalmakova
 - Interaction between profiles and stories.
 - Will make sure the after logging in the profile page of the user is working properly and efficiently. Will we show sort of like a “news feed” for stories most recently added to. Will help decide how user can see existing stories. Browsing through a list or having the ability to search for a story, or potentially both.

