

Team happy feet
SoftDev1 pd7
P01 -- ArRESTed Development oh dear
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Tina W. - Prime Minister (PM)
Rubin P. - Attorney General
Vincent L. - Secretary of State
William L. - Chief of Staff

UwU News

Theme: A website that displays the latest news articles, weather forecasts, and a quote/fact of the day. This will serve as a homepage that will open whenever the user opens a new browser window/tab. The articles and forecast will be chosen by the user when they make their account and can be changed whenever they please.

List of Program Components:

- Users can login and choose settings
 - Preferences for news tags and location for weather.
- Display current events by getting results from the News API
- Display current weather by getting results from the Forecast API
- Display a random quote or fact of the day from the Fortune Cookie API
- Search for news articles

Database Schema:

database.db

Users

Username	HASHED Passwords	Security question	Answer
TEXT	TEXT	TEXT	TEXT

Tags

Username	Tag
TEXT	TEXT

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Cities

Username	City
TEXT	TEXT

[username]_tags

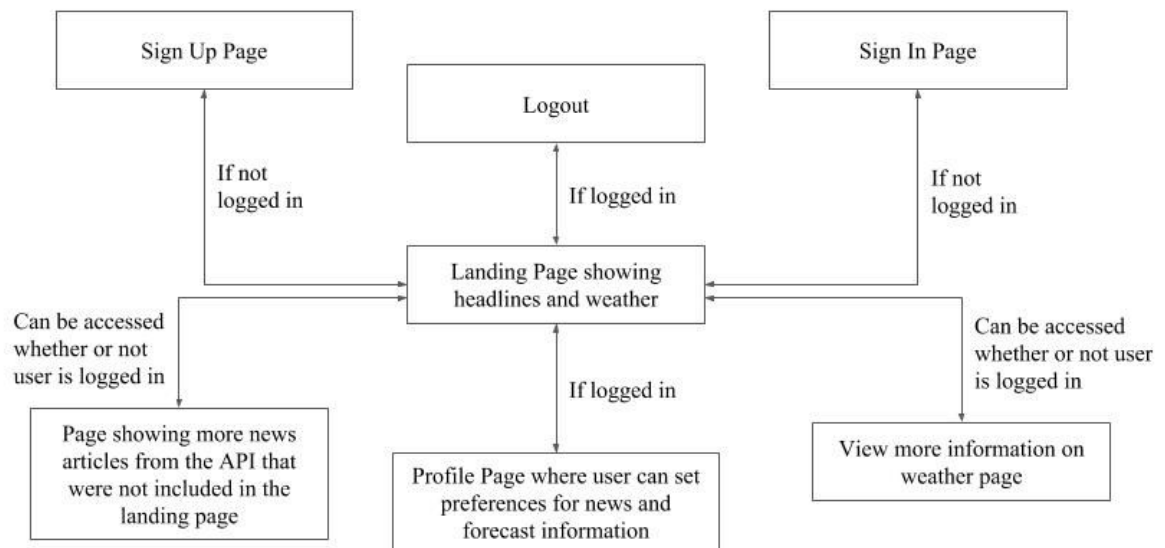
tag
TEXT

[username]_location

location
TEXT

Front End Site Map:

Front End Site Map



Component Map:

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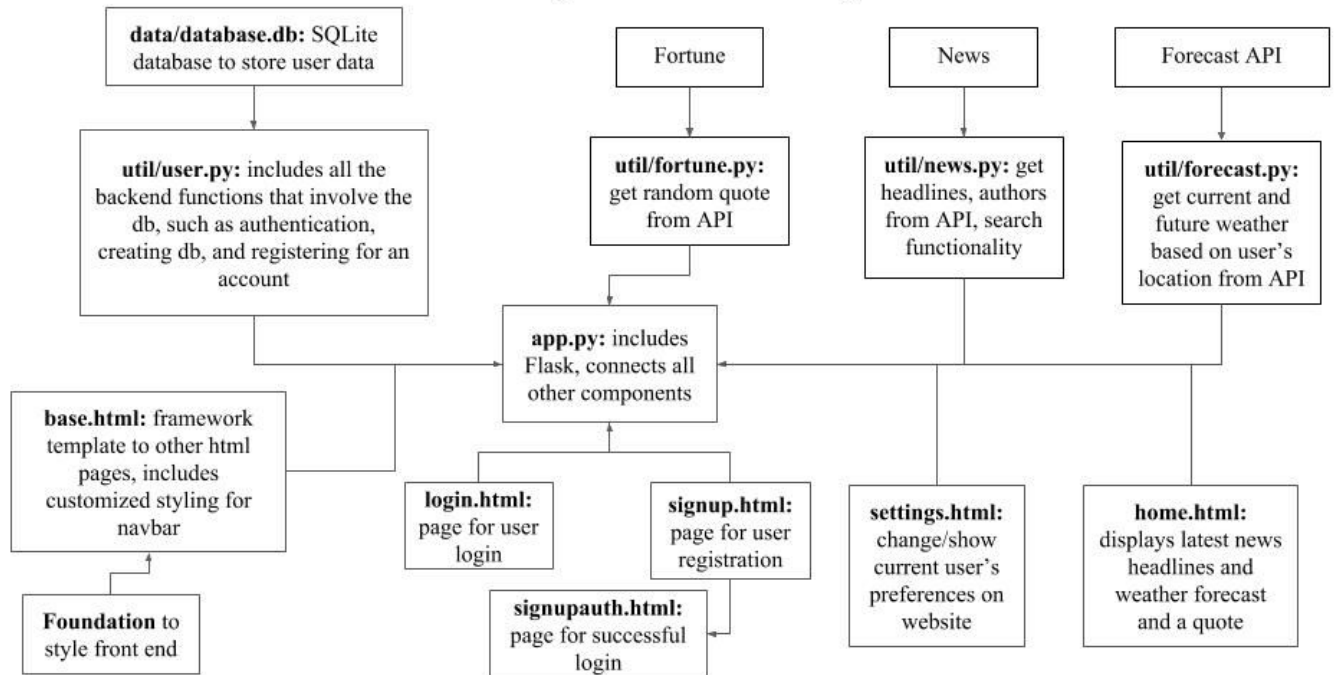
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Component Map



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

Prime Minister (PM): Tina Wong

Front End: William Lu + Vincent Lin

Backend: Rubin Peci + Vincent Lin

1. Create a GitHub repo (Tina) **DONE**
2. Start with Flask Starter Kit (Rubin) **DONE**
3. Basic Landing page – (William) **DONE**
 - a. Make a landing page that we can load CSS into to test
4. Front-End Development
 - a. Add basic HTML pages (Tina) **DONE**
 - b. Utilize **Foundation** to create HTML pages (William + Vincent)
(Anticipated: start front end on 2018-11-25, but updated as new features are added)
 - c. Manage the **static/** and **templates/** folders (William + Vincent)
 - i. Connect the front and back end via Jinja
 - d. Add user settings page (William + Vincent) **DONE**

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5. Include APIs

- a. Make .py files in the **util/** folder that will take advantage of the APIs
- b. Start off with the News API (in order of importance) (Rubin)
 - i. Basic display of article headlines **DONE**
 - ii. Include links to articles **DONE**
 - iii. Show short article descriptions (**Anticipated: 2018-12-03**)
 - iv. Store data locally so requests don't have to constantly be made **DONE**
 - v. Add search feature for news articles **DONE**
- c. Forecast and Climate API (Rubin)
 - i. Get relevant data from a location (temp, forecast, etc.) **DONE**
 - ii. Allow the user to choose locations. **DONE**
 1. Make them enter coordinates or search by cities
- d. Fortune Cookie API (Vincent)
 - i. Display a random quote or fact of the day on the landing page **DONE**

6. Login System (Vincent + Tina)

- a. Account creation on the website, Sign Up Form and Page **DONE**
- b. Account login and authentication **DONE**
- c. Make a database and include functionality to make an account **DONE**
- d. Accounts will save user settings so the site knows what kind of info to load (location, news, etc.) **DONE**

7. Complete Summary Document (Tina)

Tasks being done concurrently:

1. Maintaining devlog (Everyone)
2. Add comments to code to allow others to read it easily (Everyone)
3. Revising Design Doc (Tina)
4. Entries in devlog addressing mid-development modifications (Tina)