

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 general climate by getting results from the Climate API
- Display a random quote or fact of the day from the Fortune Cookie API
- Search for news articles

Database Schema:

users.db

| id | Username | HASHED Passwords | Security question | Answer | Saved cities | Saved news tags |
|---------|----------|------------------|-------------------|--------|------------------|------------------|
| INTEGER | TEXT | TEXT | TEXT | TEXT | TEXT (csv style) | TEXT (csv style) |

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

Prime Minister (PM): Tina Wong

Front End: William Lu + Vincent Lin

Backend: Rubin Peci

1. Create a GitHub repo (Tina) ***DONE***
2. Start with Flask Starter Kit (Rubin) ***DONE***
3. Basic Landing page - (Tina) (***Anticipated: 2018-11-23***)
 - a. Make a landing page that we can load CSS into to test
4. Front-End Development (William + Vincent)
 - a. Utilize **Foundation** to create HTML pages (***Anticipated: start front end on 2018-11-25, but updated as new features are added***)
 - b. Manage the **static/** and **templates/** folders
 - i. Connect the front and back end via Jinja
 - c. Add user profile page (***Anticipated: 2018-11-27***)
5. Include APIs (Rubin)
 - 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)
 - i. Basic display of article headlines (***Anticipated: 2018-11-26***)
 - ii. Include links to articles (***Anticipated: 2018-11-26***)
 - iii. Show short article descriptions (***Anticipated: 2018-11-26***)
 - iv. Store data locally so requests don't have to constantly be made (***Anticipated: 2018-11-27***)
 - v. Add search feature for news articles (***Anticipated: 2018-11-27***)
 - c. Forecast and Climate API
 - i. Get relevant data from a location (temp, forecast, etc.) (***Anticipated: 2018-11-29***)
 - ii. Allow the user to choose locations. (***Anticipated: 2018-11-30***)
 1. Make them enter coordinates or search by cities
 - d. Fortune Cookie API

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- i. Display a random quote or fact of the day on the landing page
(Anticipated: 2018-12-01)

6. Login System (Rubin + Tina)

- a. Account creation on the website, Sign Up Form and Page

(Anticipated: 2018-11-26)

- b. Account login and authentication

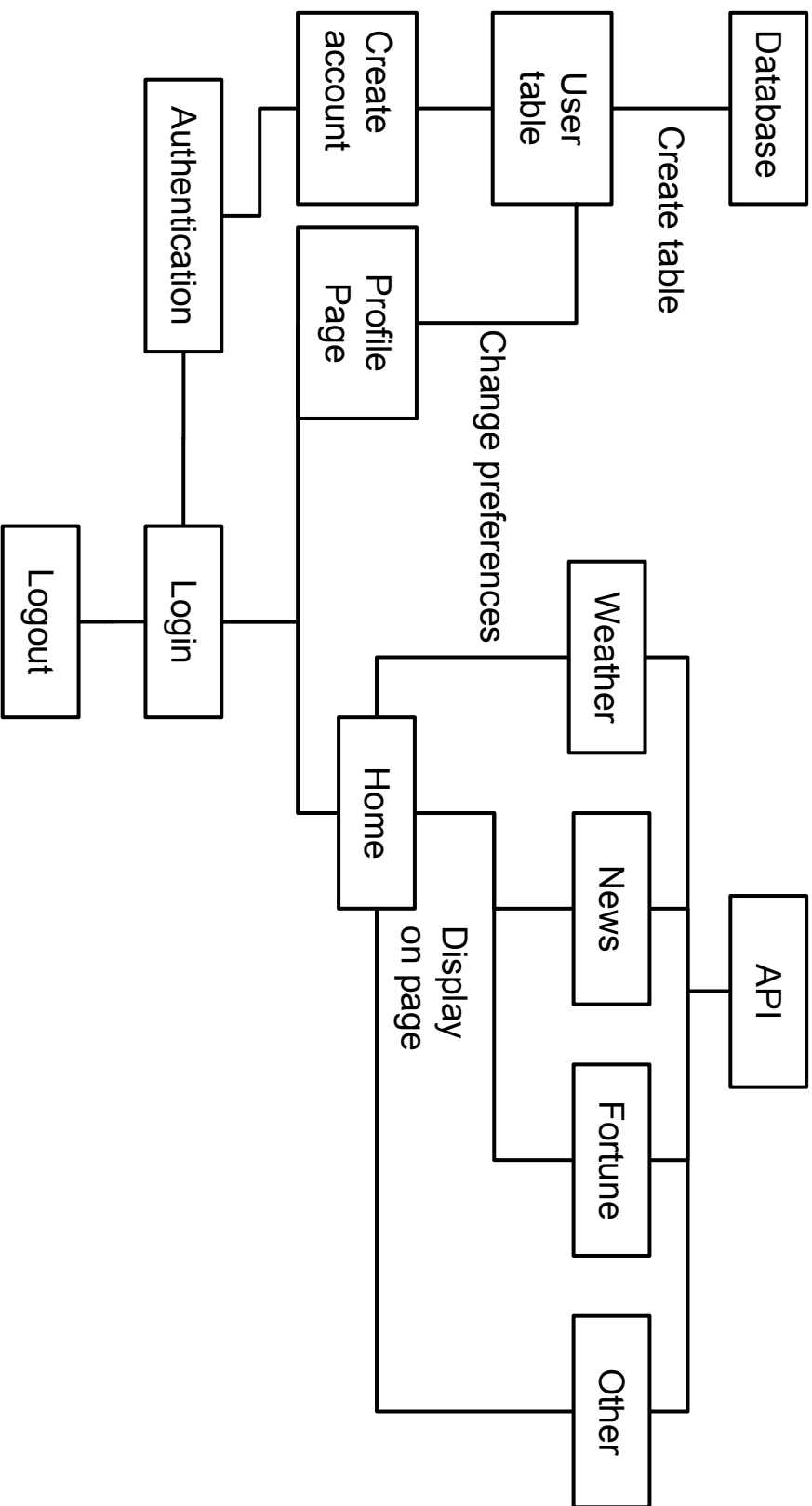
- i. Make a database and include functionality to make an account
(Anticipated: 2018-11-27)

- ii. Accounts will save user settings so the site knows what kind of info to load (location, news, etc.) **(Anticipated: 2018-11-29)**

Tasks being done concurrently:

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

Component Map



Front End Site Map

