

The Daily Devo

Purpose/Features

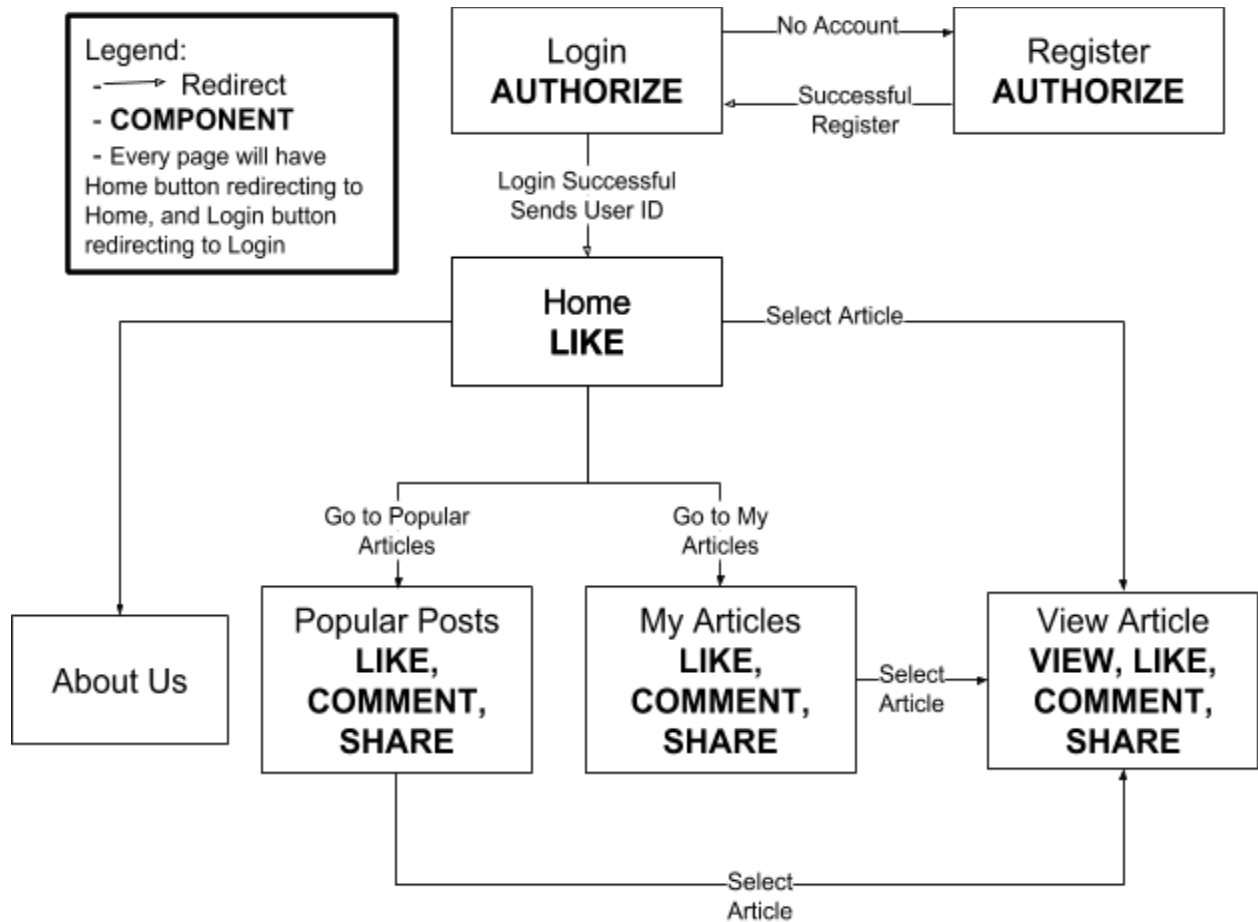
- This site will provide information on what's going on for that day. Some information that will be included:
 - The daily news: News articles from the day the user goes on the site will be displayed on the home page (Using [News Api](#))
 - The daily weather: Weather for the day will be displayed (Using [Forecast API](#))
 - Word of the day (Using [Merriam-Webster](#) or [Oxford API](#))
 - Possible Additions:
 - Dog of the Day
 - Cat of the Day
 - Meme of the Day
 - Recipe of the Day
 - Date Fact
- User will have the option to log in
 - If user logs in, articles and topics they "like" will be saved
 - If users don't have an account, users can register for one
- We will also use ipapi to find a user's location and pass it to the news and weather apis

Program Components

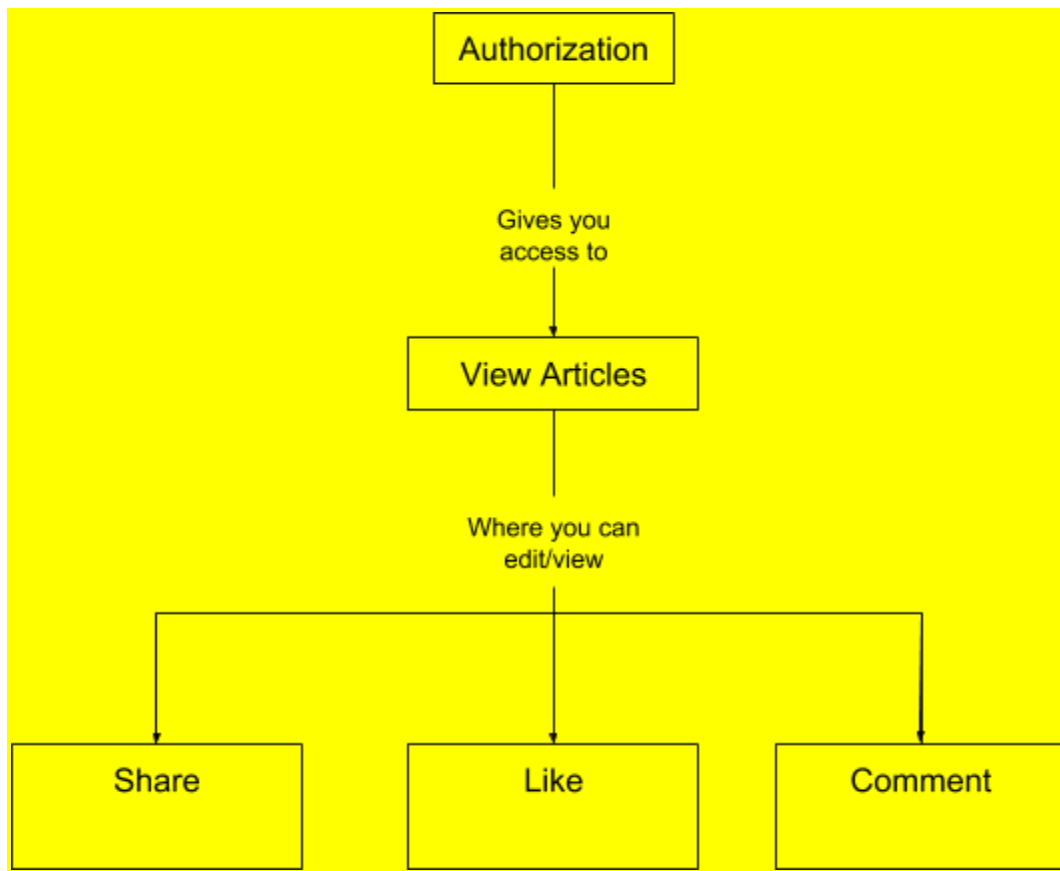
- **Authorization**
 - Register/Login functionality will allow us to filter who may use our site
 - You must be logged in to access our site
- **View Articles**
 - Once logged in, you are allowed to view articles
- **Comment**
 - Logged in users may respond to the article in text
- **Share (EXTRA)**
 - Users may share articles, which will appear on their "My Articles" page
- **Like (EXTRA)**
 - Users may "like" an article, which increases the number of likes an article has.

- Articles with the highest number of likes will appear on the “popular posts” page.

Site Map + Flow Chart



Component Map:



THE DAILY DEVO

Logout

My Articles

Popular Posts

New Articles 

Another Article 

Weather (+ link
to forecast)

Word of the Day

Recipe of the
Day

Dog of the Day

Song of the Day

Etc.

Copyright

Links to APIs and Software and stuff

[illegible]

Database Schema

Users: data from database will be used to authorize users that are logging in and will be added if users are registering

| Name | Key | Unique | Type |
|----------|---------|--------|---------|
| user_id | Primary | Yes | Integer |
| username | none | Yes | String |

| | | | |
|----------|------|----|--------|
| password | none | No | String |
|----------|------|----|--------|

Articles: data from database will be used to store our articles, in addition to keep track of the number of likes an article has, in addition to who liked that article

| Name | Key | Unique | Type |
|------------|---------|--------|---------|
| article_id | Primary | Yes | Integer |
| title | none | Yes | String |
| text | none | Yes | String |
| numlikes | none | No | Integer |
| users | none | No | String |

Comments: data from database will be used to display the comments for an article

| Name | Key | Unique | Type |
|------------|---------|--------|---------|
| comment_id | Primary | Yes | Integer |
| article_id | none | No | Integer |
| commenter | none | No | String |
| text | none | No | String |

Daily: data from database will hold all of the _____ of the day

| Name | Key | Unique | Type |
|------------|---------|--------|---------|
| date | Primary | Yes | Integer |
| Cat (link) | none | Yes | String |
| Dog (link) | none | Yes | String |

| | | | |
|------------------------|------|-----|--------|
| Meme (link) | none | Yes | String |
| Recipe (link) | none | Yes | String |
| Date Fact (link) | none | Yes | String |
| Word (link) | none | Yes | String |
| Today's Weather (link) | none | Yes | String |
| etc | etc | etc | etc |

Roles:

Britni - CSS and Databases

Ahnaf - Flask and Databases

Thomas - HTML and APIs

Tim - HTML and APIs