

BATTeRy - Tim Marder && Ahnaf Kazi && Britni Canale && Thomas Lee
SoftDev1 pd6
P #01: ArRESTed Development
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The Daily Devo

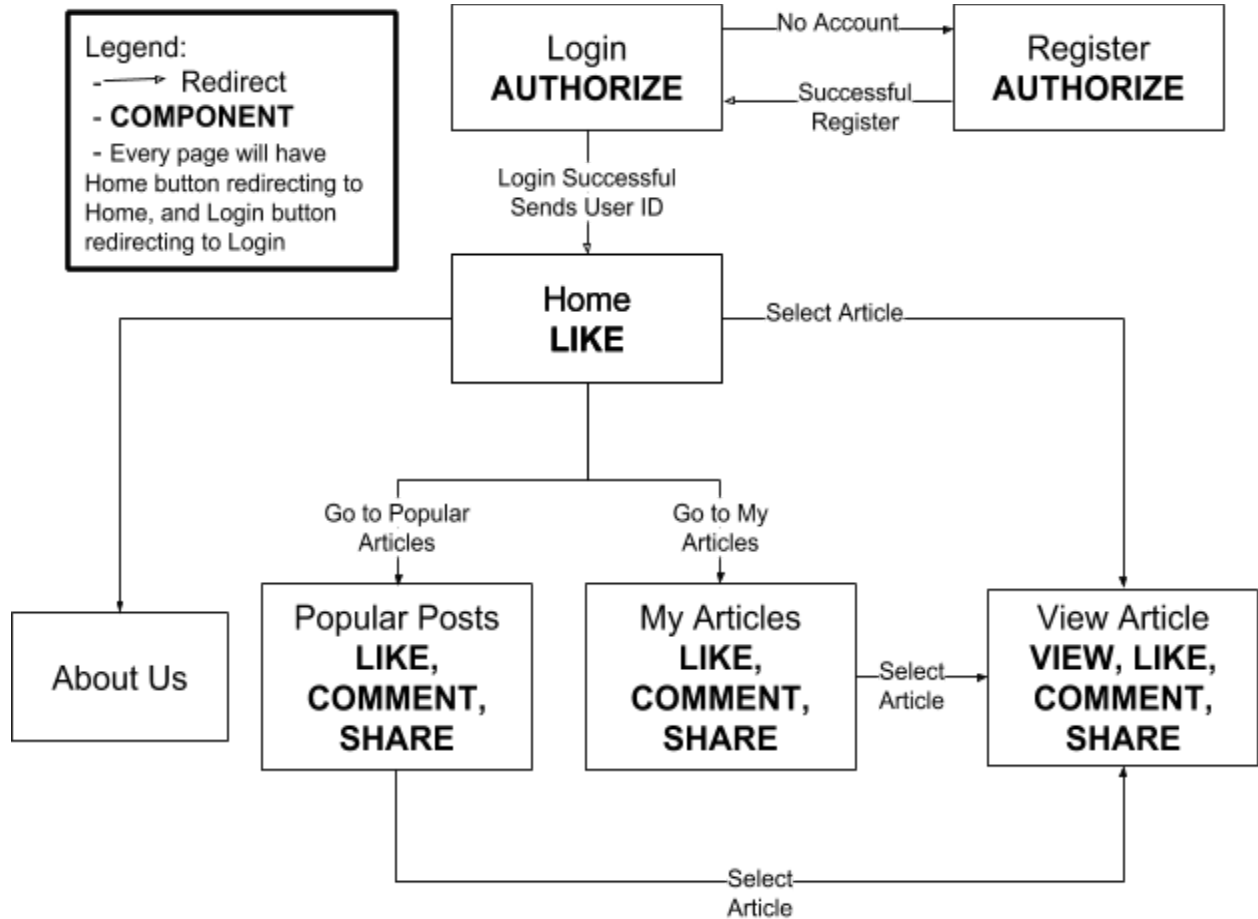
Purpose/Features

- 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

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



THE DAILY DEVO

Login

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

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