

Team Name: Import-Greatness

Roster: Ahnaf Hasan, Ray Onishi, Jiayang Chen, Alex Liu

Title: The Daily Bugle

Project Manager: Ahnaf Hasan

Overview of Components:

- IP API
 - Used in conjunction with python to find the location of the user based on the ip address of the user (only if the user has given permission)
- xkcd API
 - Used to retrieve a short comic strip that will be randomly generated and displayed to the user
- The New York Times API
 - Retrieves news of the day
 - Updated daily
- Dark Sky API
 - Weather API used to retrieve weather data for the user depending on the user's location
- SQLite Database
 - More details on use in the database schema section
- Bootstrap
 - Front-end CSS

Division of Work:

Alexander- xkcd API, New York Times API

Jiayang- Dark Sky API

Ray- Bootstrap

Ahnaf- SQLite Database

Database Schema:

Users

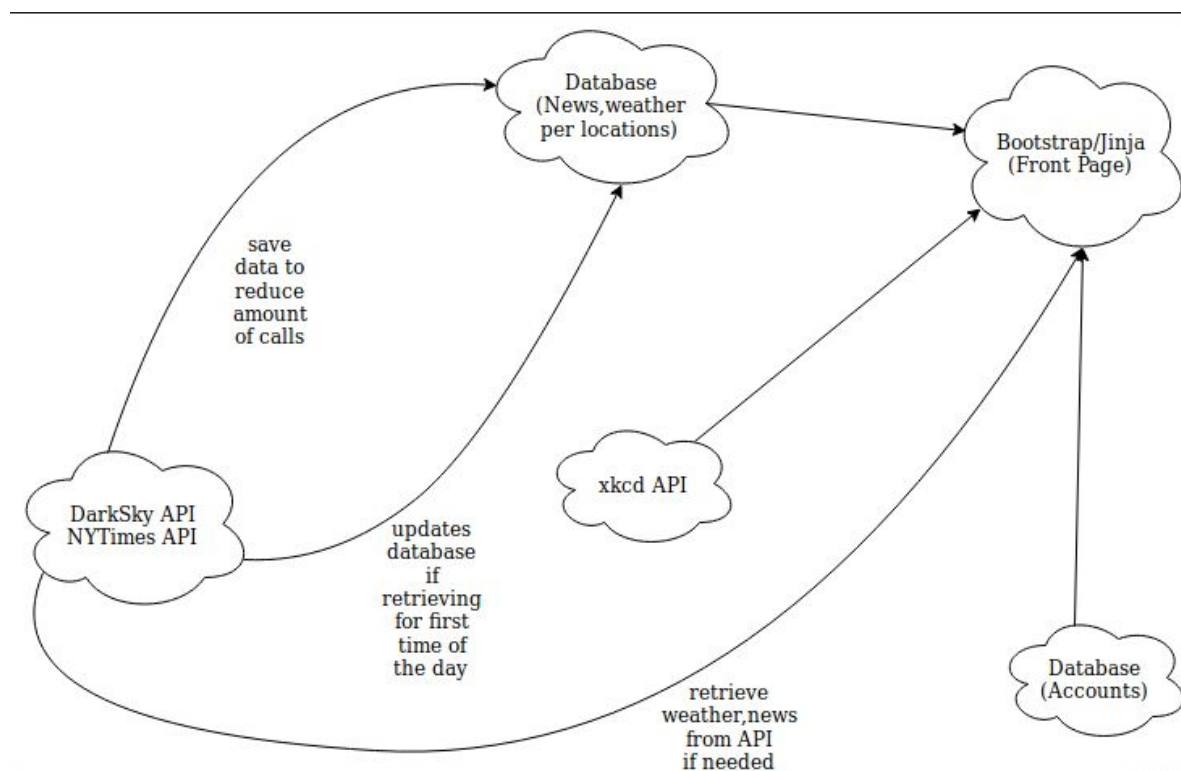
Username (TEXT)	Password (TEXT)	Question (TEXT)	Answer (TEXT)	Favorites (TEXT)

The users database stores the user's username and password. It also stores a question and answer for login security purposes. Finally, we also store the favorite articles that a user has saved as a string.

Content

We store all the content by day in a .JSON file for easy reading with `json.loads()`. The json file contains entries for each day which contain the news and daily weather.

Component Map



Sitemap

