Team azrael
Vincent Chi, Bill Ni, Jason Tung, Wei Wen Zhou
Project Almanac: A News-Almanac Hybrid

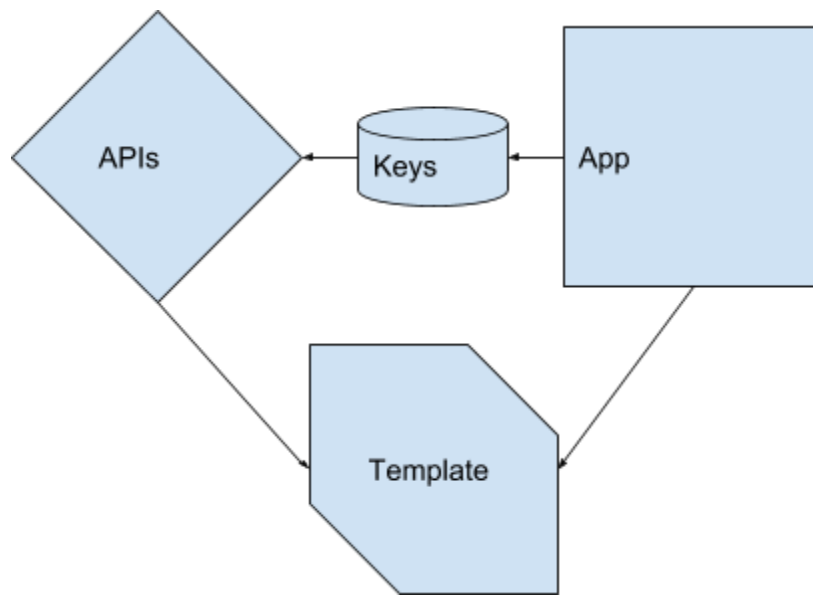
Abstract:

Our website is designed to provide the user with information correlating certain locations (much like an almanac) but do so while also giving more "live" information like current news in the area, the weather, what time the sun will set on a given day, etc. We plan on presenting this in a newspaper format (like NYT) with horoscopes, poems, and *maybe* a crossword puzzle.
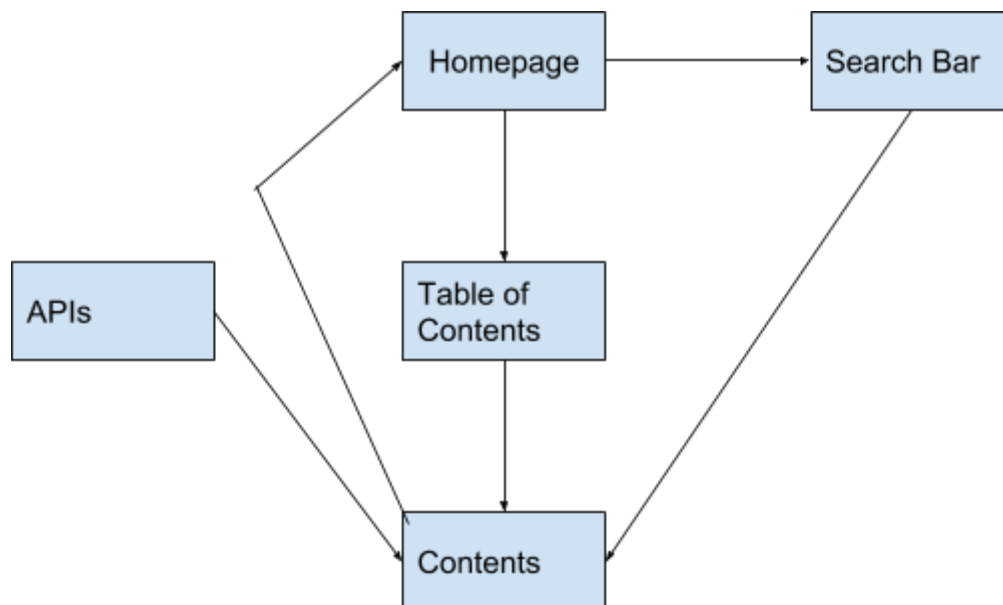
APIS:
- https://www.calendarindex.com/
  - Gives dates of holidays and observances
- https://sunrise-sunset.org/api
  - Provides time for sunrise, high noon, and sunset
- https://darksky.net/dev
  - To get the past, current, and future weather at a location
- https://ipstack.com/ *
  - To get the information about location based on ip address
- https://astrologyapi.com/ *
  - To get the daily, weekly, monthly horoscope
- https://newsapi.org/
  - To get the news or anything
- https://poemist.github.io/poemist-apidoc/#misc-services
  - Get a random poem

Component map

Site map

No database is needed--we will pass everything through queries and dictionaries/lists.

Roles:

Project Manager/Front End - <u>Jason Tung</u>
- Makes sure the group is consistently moving together.
- Handles (minor) coding tasks as necessary.
- Makes certain the design document is coherent and that the group is adhering to agreed-upon design.
- Stays abreast of any changes made to the design, and is responsible for creating revised versions of design doc entries in devlog addressing the necessity for mid-development modifications.
- Construct HTML forms that will POST to the backend for processing
- Design templates that are comprehensible
- Implement pretty Bootstrap
- Components being worked on:
    - Content Templates
    - Homepage
    - CSS

API/Backend Technicians - <u>Bill Ni, Vincent Chi, Wei Wen Zhou</u>
- Do the flasks magics!
- Responsible for pulling and parsing information from APIs
- Make sure the routing works properly
- Components being worked on:
    - Search bar functionality
    - Maintaining sessions
    - Loading the correct content
    - Implementation of API
- T