

# Team Name: Good\_Tomatoes

Team Members: Gordon Lei, Sonal Parab, Manahal Tabassum, Angelica Zverovich

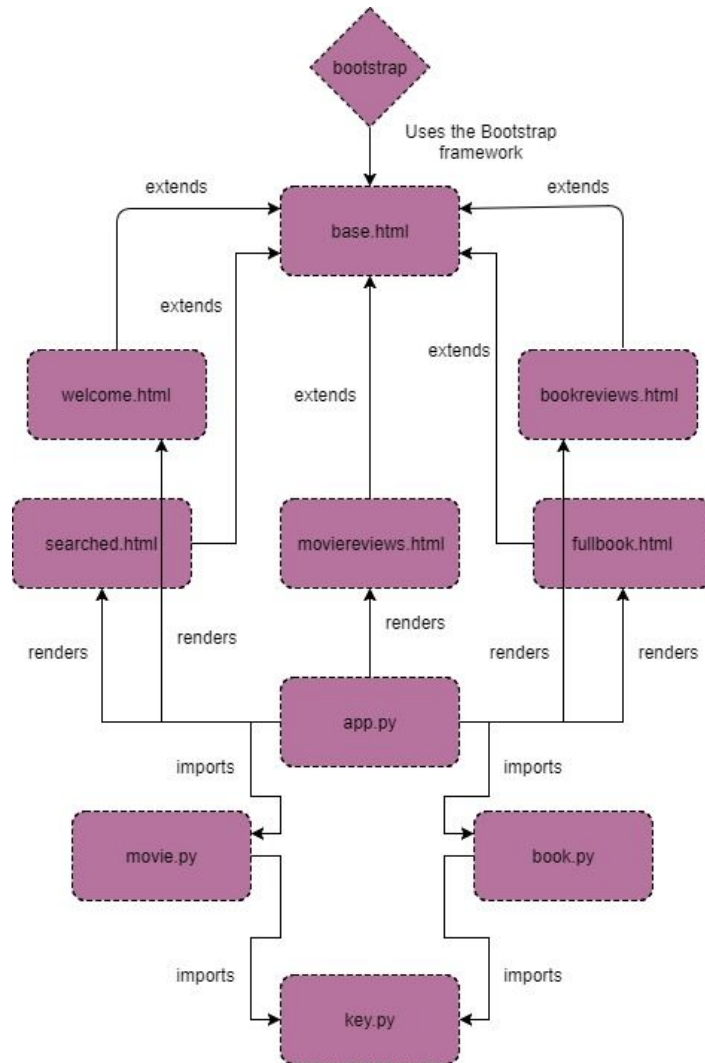
## ***About Good Tomatoes***

A site where you can search for movie or book reviews. The best result movie and book reviews will show up initially, but you have the option to view all the movie and book results to look for the entry you want. You will then be able to view the reviews of the book or movie. This will be done using the NY Times Movie Review and Goodreads API.

## ***Use of APIs***

1. Goodreads API
  - a. Used to search up books on Goodreads, obtain the number of reviews, average rating, image of book, number of ratings, title, author
  - b. Used to obtain the reviews-widget for a book which will be embedded on our website using iframe
2. NYTimes Movie API
  - a. Used to search up movies on NYTimes, obtain their reviews, an image of the movie, and director
  - b. Will direct users to page of review on NYTimes website since it does not allow for iframe to be used

## Component Map



### Templates:

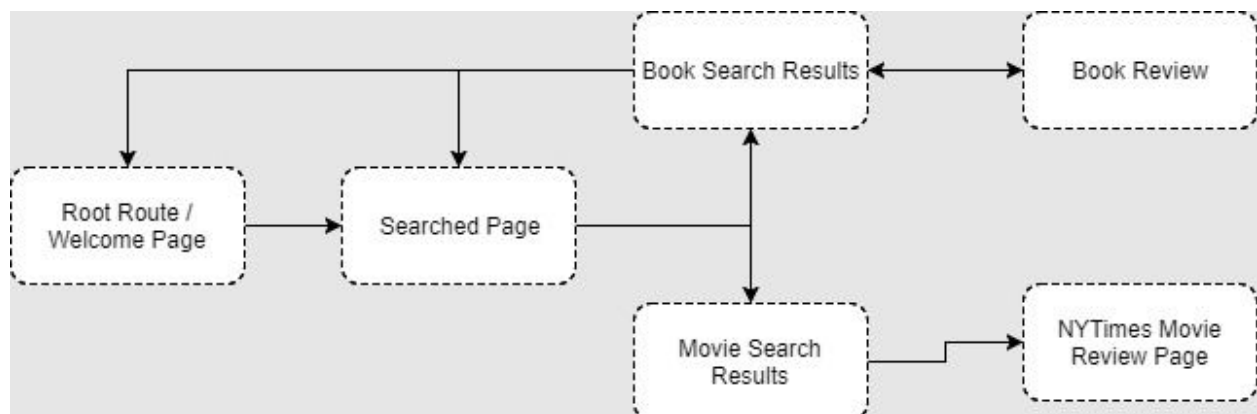
- Base.html
- Welcome.html
- Bookreviews.html
- Fullbook.html
- Moviereviews.html
- Searched.html

Flask app: app.py

### Helper files

- Movie.py
  - Handles movie API
- Book.py
  - Handles book API
- Key.py
  - Contains API keys

## Site Map



- Welcome Page:
  - Center of the page has a search bar (used to search for a title).
  - This search will lead you to a generic searched page which will show the best result movie and best result book.
- Searched Page:
  - This page includes a navbar allowing you to search another book, go to all movie reviews and go to all book reviews.
- Movie Results Page
  - Will display all the results of the movie search and gives you the option to view a specific movie and its review by directing you to the NYTimes review page.
- Books Results Page
  - Shows all the book search results of the title.
  - Has the same nav bar as the Searched page with the added option of returning back to the Welcome page.
- Book Review Page
  - This will utilize a Goodreads Reviews Widget to display the Reviews for a certain book.
  - The page has a nav bar which is the same as the Movies Results Page & Book Results Page
- Movie Review Page
  - This will by a NYTimes Review page.

## **Task Division**

1. Front End (Bootstrap) **Gordon + Angelica**
  - a. Webpages
    - i. Welcome
      1. Randomly choose movie or book and display it
    - ii. Movie Search
    - iii. Book Search
    - iv. Display Movie
      1. Include soundtrack if applicable
    - v. Display Book
2. Back End **Sonal Manahal**
  - a. Flask app **Everyone**
  - b. Movie.py **Sonal**
    - i. Get necessary movie data from NY Times Movie Review API
  - c. Book.py **Manahal**
    - i. Get necessary book data from GoodReads API
3. Project Manager **Manahal**