Team Weather
Oleksandr Taradachuk, Xavier Chen, Angel Ng, Jackie Woo
Project01:API Period 8

APIs to use:
- Google cloud vision https://cloud.google.com/vision/docs/
- Food2fork https://food2fork.com/about/api
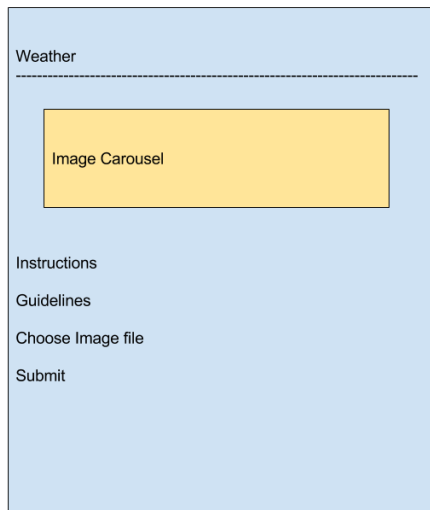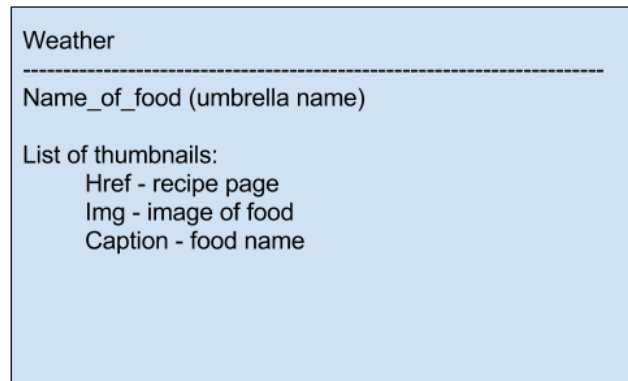
Site Map:
- Homepage
  - Includes a small description on the project
  - Includes photo specification to get best image detection of food
  - Allow users to input a image file using by choosing a file from their computer
- Recipe Page
  - Includes the name of the food that was predicted (using Google cloud vision api)
  - Lists an image of a recipe (using food2fork api)
 - Lists links to various recipes (using food2fork api)

Homepage
- Intro
- Photo Spec
- Input Img file

Recipe Page
List of:
- Recipe title
- Recipe img
- Recipe link

Homepage

Weather

Image Carousel

Instructions

Guidelines

Choose Image file

Submit

Recipe Page

Weather

Name_of_food (umbrella name)
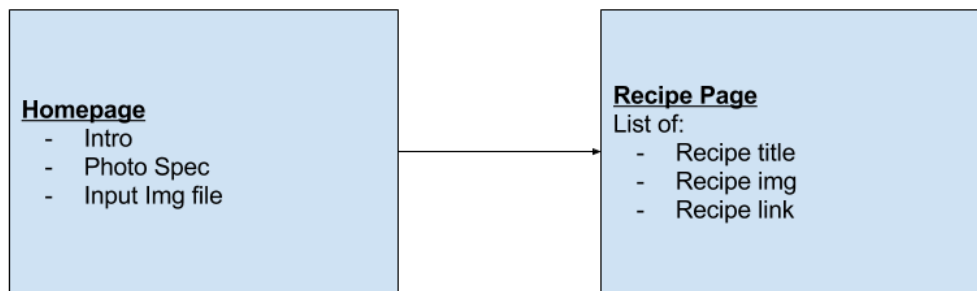
List of thumbnails:
    Href - recipe page
    Img - image of food
    Caption - food name

Components:
- Flask app
  - @root
  - getfile()
  - baseEncode64()

- - - ○ callgvision()
    - ○ readgvision()
    - ○ @recipe
    - ○ callf2f()
    - ○ f2flinks()
    - ○ f2fimgs()
    - ○ f2ftitles()
  - Templates
    - ○ Base.html
    - ○ Base.css
    - ○ Home.html
    - ○ Home.css
    - ○ Recipe.html
    - ○ Recipe.css
- Utils -- possibly
  - ○ Google cloud vision module (needed to use api, created by Google)

Relationship between Components:

Flask app
- @root
- getfile()
- baseEncode64()
- callgvision()
- readgvision()
- @recipe
- callf2f()
- f2flinks()
- f2fimgs()
- f2ftitles()

Templates
- Base.html
- Base.css
- Home.html
- Home.html
- Recipe.html
- Recipe.html
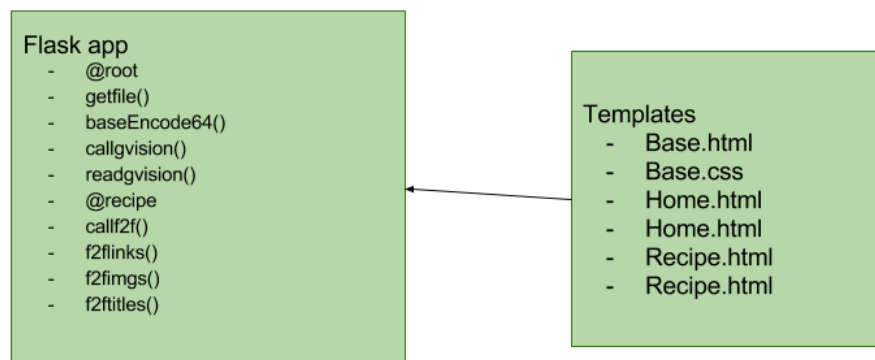
Assignment:

PM: Jackie Woo

- Flask app
  - ○ @root: returns homepage template **ALEX**
  - ○ getfile(): returns img file **XAVIER**
  - ○ baseEncode64(): encodes img file **XAVIER**
  - ○ callgvision(): makes google vision api call, returns json **XAVIER**
  - ○ readgvision(): returns string of what google vision predicted **XAVIER**
  - ○ @recipe: returns recipe template **ALEX**
  - ○ callf2f(): makes food2fork api call, returns json **ANGEL**
  - ○ f2flinks(): returns list of links to recipes **ANGEL**
  - ○ f2fimgs(): returns list of img links corresponding to recipes **ANGEL**
  - ○ f2ftitles(): returns list of titles of recipes **ANGEL**
- Templates
  - ○ Base.html **JACKIE**
  - ○ Base.css **JACKIE**

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- ○ Home.html **ALEX**
- ○ Home.css **JACKIE**
- ○ Recipe.html **ALEX**
- ○ Recipe.css **JACKIE**