

Team: Mantis Shrimps

Team member: Yu Qi Wu, Clive Johnston, Alexandra Fomina, Manahal Tabassum

DESCRIPTION

This is a website for the fashionable but disorganized individual. Users can upload pictures of articles of clothing and the site will automatically sort those articles by type (pants, shirt, hat, etc.). The user can then save outfits, and add outfits to a calendar. It also provides the weather on the calendar to help users pick an outfit and potentially automatically generated recommendations. The website will utilize d3 in order to create a visualization of how often a user wears a certain item of clothing.

Uses: Google Cloud Vision API, Weather.com API

COMPONENT MAP

Framework:

Bootstrap

HTML:

- base.html
 - Base for all other templates
 - Navbar
 - My Closet
 - Outfit Creator
 - Calendar
 - Upload
 - Logout
- home.html
 - Navbar
 - Sign up - pop up
 - Login - pop up
 - 3 sliding images of clothes
 - Description of the website
 - Brief introduction of ourselves
- mycloset.html
 - All the clothes you have, separated into different categories
 - Upload section to upload images of new clothes
 - You can select top, bottom, hat, sunglasses, etc to build your custom
 - Then you can save it so that you don't have to think what to wear everyday
- calendar.html
 - A calendar
 - Weather of each date
 - Clothes on each date (if saved)
 - Create outfit for specific date
- creator.html
 - A column of top, bottom, shoes with save option

- Horizontal bar chart of distribution
- upload.html
 - Upload box
 - Name of the cloth, type of the cloth

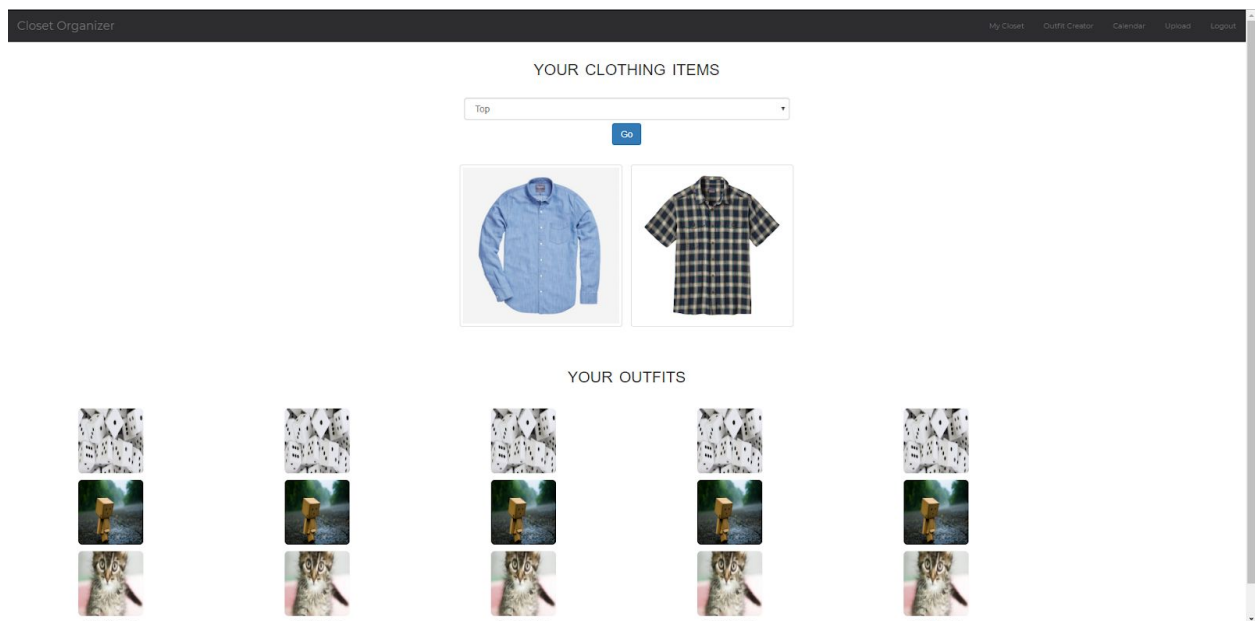
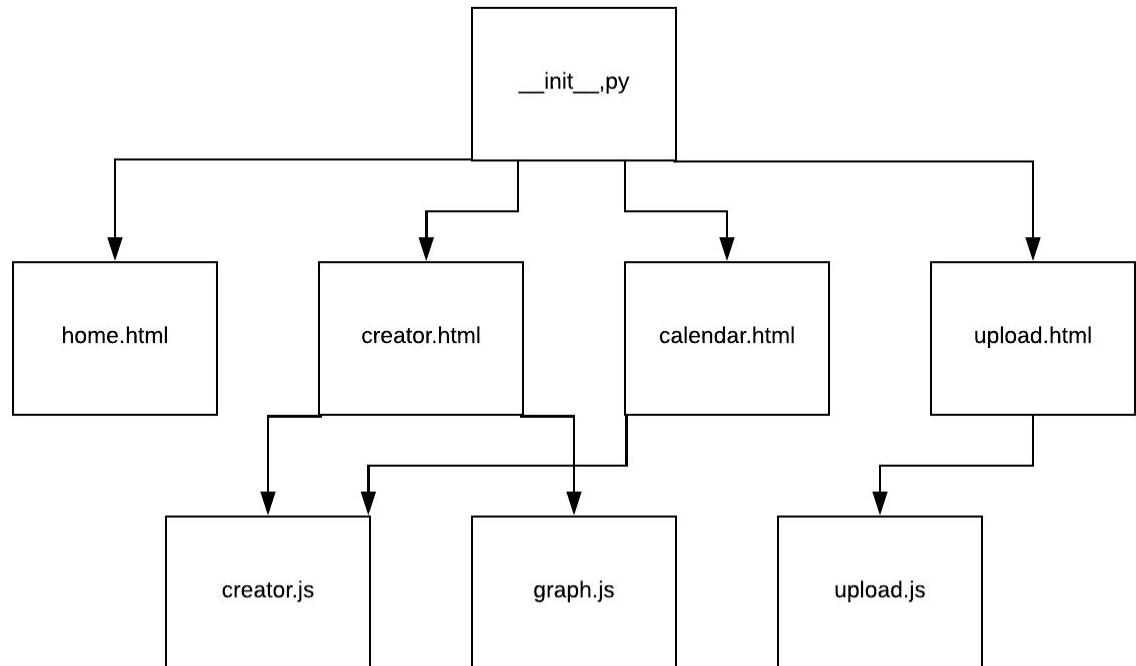
Python:

- __init__.py
 - Flask app with all the routes
 - Contains methods for modifying, and retrieving clothing information from databases
- db.py
 - addCloth(user, typeC, clothName, clothId, extension)
 - getClothes(user, Type)
 - Returns clothes with Type that belongs to user
 - isunique(user,item):
 - Returns true or false
 - adduser(user,password)
- Weather.py
 - Allows for calls from Weather.com API
 - weekly()

Javascript:

- calendar.js
 - Creates calendar
 - Allows user to hover over calendar days and see which clothes were worn that day
- upload.js
 - Fill in information for the cloth you want to upload
- creator.js
 - Slides of top, bottom, and shoes
- graph.js
 - Uses d3 to create charts based on user's past outfit/clothes wearing history

SITE MAP




Item Distribution


Tops

Bottoms


Shoes



ok shirt



hobo pants



valid

Outfit Name

Submit

UPCOMING WEATHER

Day	Description	Min	Max
12	Partly Cloudy Night	60	72
13	Partly Cloudy Day	67	78
14	Wind	60	83
15	Clear Day	63	78
16	Partly Cloudy Day	66	85
17	Partly Cloudy Day	71	89
18	Cloudy	74	89
19	Rain	68	87

JUNE 2018						
sun	mon	tue	wed	thu	fri	sat
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

CREATE AN OUTFIT FOR

Select Date

View Outfit

Drop a picture of your clothing here or click to upload.

DATABASE SCHEMA

outfits	
username	TEXT
outName	TEXT
clothID	INTEGER

users	
username	TEXT
password	BLOB

outfits	
username	TEXT PRIMARY KEY
outName	TEXT
date	TEXT

clothes	
username	TEXT
id	INTEGER PRIMARY KEY
type	TEXT
clothName	TEXT
extension	TEXT
frequency	INTEGER

***NOTE: changed “item” in outfits to “id” to correspond with the “id” in clothes**

TIMELINE

May 16 - Have log in, signing up, and databases working

May 18 - Finish all templates for pages

May 21 - Users should be able to upload their clothing items and can look through them

May 23 - Users can make outfits and save them

May 25 - Adding in weather and calendar so outfits can be saved to a date

May 28 - Finishing touches added & anything missing

TASK BREAKDOWN

Project Manager: Manahal

Front End: Manahal

Database Creation: Sasha

Javascript: Sasha, Clive, Yuqi

API's: Yuqi, Sasha

D3: Clive

Routing: Yuqi