

GWeat

Group 10

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## Strategy

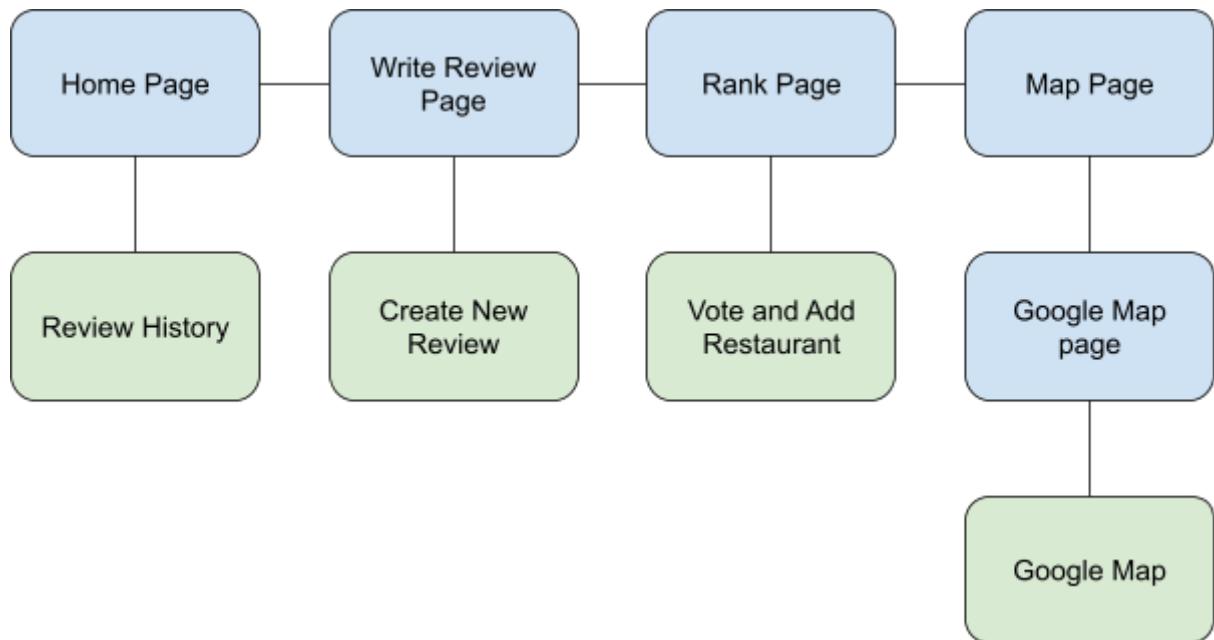
Our website is called GWeat. GWeat is a restaurant find and review site centered around George Washington University - Foggy Bottom campus. It aims to make finding a great restaurant near the foggy bottom campus accessible. The website's primary audience is students and faculty of the Foggy Bottom campus of George Washington University. The students, faculties, and staff of George Washington University spend a significant part of their day, if not the entire day, on and near campus. This means their everyday meals are mostly on and near campus. The secondary audience is employees around the Foggy Bottom campus. There is a great number of white-collar workers around the Foggy Bottom campus. When they need to find a place for lunch or meet someone outside of the work environment, this site may be an alternative option to other websites (such as Yelp).

## Scope

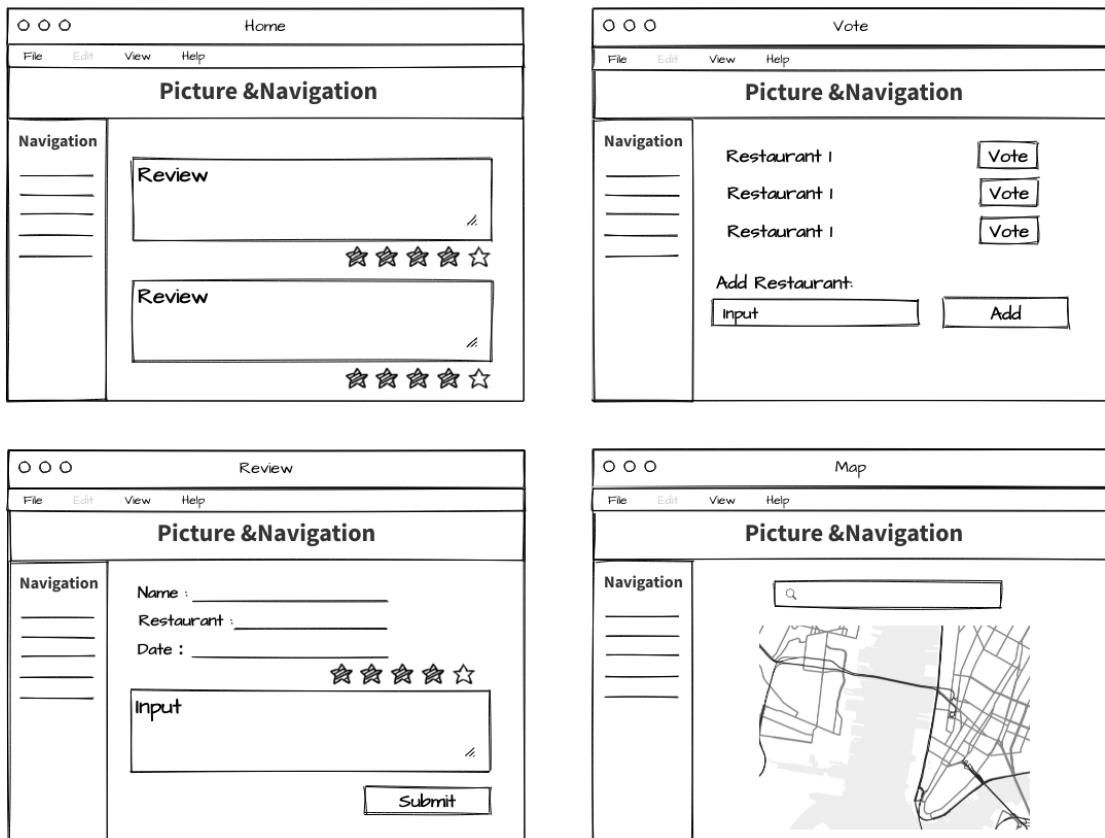
The core function of the initial website are:

1. The review system
  - a. Be able to post a new review about a restaurant.
  - b. Be able to view previous reviews.
2. GWorld compatible restaurant
  - a. Show the full list of GWorld compatible restaurant
  - b. Ranking list of most wanted restaurant to be GWorld compatible
  - c. Vote and add new restaurant to the ranking list
3. Map
  - a. Implement a map on the website
  - b. Be able to search restaurant on the map

## Structure



## Skeleton



## Surface

Home page: home.html

The screenshot displays the Surface home page with the following elements:

- Navigation Bar:** Home, Write a Review, GWorld Restaurant, Restaurant Map.
- Icons:** A grid of various food and restaurant-related icons including a plate, knife, fork, credit card, bowl, chopsticks, umbrella, phone, chef's hat, and location pins.
- Search Bar:** A white search bar with the placeholder "Search..." and a magnifying glass icon, overlaid on a large image of a pizza.
- Review Cards:**
  - Founding Farmers:** Rating 4.5 stars. Reviewer Kelly C: "Definitely make reservations. We walked in and got on the list and were told 45 minutes, but we had to wait over an hour because people with reservations still went ahead of us and it was particularly busy. They finally sat us outside and it was so dark we couldn't see the menu or out food without pulling out our cell phones. I had the steak and enchiladas and it was delicious. It also came with some salad and veggies but I didn't know what they were, it was too dark. :D The corn bread was hyped up so we tried it, but it was just pretty good. I was told it was better the last time they came. All in all, a find experience but I didn't much appreciate not being considered worthy a table because we walked in. Make a reservation and you should be fine." Date: 2021-11-11.
  - Chipotle:** Rating 4.5 stars. Reviewer James W: "Wonderful, but the lines are too long!" Date: 2021-11-10.

## Write a Review: review.html

Home      Write a Review      GWorld Restaurant      Restaurant Map

New Review

Restaurant Name:

Your Name:

Comment:

☆ ☆ ☆ ☆ ☆

## Restaurant Map: Map.html

Home      Write a Review      GWorld Restaurant      Restaurant Map

Search your restaurant here:

Map
Satellite

Keyboard shortcuts | Map data ©2021 Google Terms of Use Report a map error

## GWorld Restaurant: GWorld\_Restaurant.html

Home      Write a Review      GWorld Restaurant      Restaurant Map

### Which Restaurant Should be GWorld Compatible?

1. Georgetown Cupcake	<div style="width: 72%;">72</div>	168	<a href="#">Vote</a>
2. Paul French Bakery & Cafe	<div style="width: 52%;">52</div>	168	<a href="#">Vote</a>
3. Fonding Farmers	<div style="width: 34%;">34</div>	168	<a href="#">Vote</a>
4. Farmers Fishers Bakers	<div style="width: 10%;">10</div>	168	<a href="#">Vote</a>

Enter a Restaurant Name:  [Add](#)

**GWorld Compatible Restaurant**

- 6pizza
- 7-11
- Abunai Poke
- Asla 54
- Baja Fresh
- Beefsteak
- Blindaas
- Bodega Spanish Tapas & Lounge
- Brooklyn Sandwich Co
- Butter Chicken Company
- California Tortilla
- Captain Cookie & The Milk Man
- Carvings
- Charmthai
- Chick-fil-A
- Chipotle
- Chopt' Creative Salad Co
- Circle Bistro
- Crepeaway
- CVS Pharmacy
- DC Pizza
- Devon & Blakely
- Domino's Pizza
- Duke's Grocery
- Dupont FreshFarm Market
- Flavors of India
- Flower Child
- Froggy Bottom Pub
- GCDC. Grilled Cheese Bar
- Gong Cha
- GRK Fresh Greek
- GW Deli
- GWU Hospital Cafeteria
- Healthy Fresh Meals
- Higher Grounds Cafe
- HipCityVeg
- HomeSlyce
- Jetties
- Juan Valdez Cafe
- KIn's Sushi
- Los Cuates Restaurant
- Magic Gourd Restaurant
- Manny & Olga's
- Muncheez
- One Fish, Two Fish
- Palsano's Pizza
- Panera Bread
- Papa John's Pizza
- Peet's Coffee
- Pelham Commons Cafe
- Pizza Movers & Calzones
- Point Chaud Cafe & Crepes
- Poppabox
- Potbelly
- Quick Bite
- RAWish
- Rolling Cow
- Roti
- Safeway
- Say Cheesel
- SecretTea
- Sol Mexican Grill
- South Block
- Starbucks
- Subway
- Surfside
- Sweetgreen
- Switzler
- Taj of India
- Tasty Kabob
- Teashl
- The House of Falafel
- Thunder Burger n Bar
- Tonic @ Quigley's Pharmacy
- Toryumon Japanese House
- Uptowner Cafe
- Wawa
- White House FreshFarm Market
- Whole Foods Market
- Wingo's
- Wiseguy Pizza

## Implementation

First, we will discuss the design. As a website focused on George Washington University, we chose buff and blue as the theme colors across the platform. We decided to use a universal navigation bar with an image header across the website in terms of HTML. And we used bootstrap to better organize the content on the website. Moreover, CSS was implemented to beautify the website.

Next, we used several javascript functions to implement features. We used javascript to update the review history on the home page. This includes taking in new reviews from the Write a Review page. And update the review history on the home page. Javascript is also used to update the rank list on the GWorld Restaurant page. Lastly, we implemented Google Map API functions on the Restaurant Map page. And use javascript to link the home page search button to the map page.

Because the project is currently in the development phase, we used cookies to store history information locally. In the future, once it is put on the server, it will be able to read and store data on the server rather than locally. This will also solve the current problem of needing to refresh the page once for the rank list to show on the GWorld Restaurant page.

## Reflection

In the future, we plan on bringing the project online. Moreover, we will purchase the full service of Google Maps API. This will allow us to pinpoint and view the detailed restaurant information on the google map. We also want to implement a separate search page. This page will include all the restaurants that have a review on the website and contains the review and a total average rating of the restaurant.

By having hands-on experience in developing HTML, CSS, and javascript from the ground up, our team members better understand the techniques learned in class. Moreover,

how to solve problems encountered during projects. In the era of the information revolution, we gained crucial experience on how to use resources on the internet to work for us. We could have designed a more detailed design graph and talked more in-depth about the specific feature we wanted to include. As we finished our part and tried to put it together, we discovered inconsistent design and different feature ideas. This sets back our progress as we realign our objectives.