

WEB PROGRAMMING ICP6

Pranay Reddy Singireddy – psgvv@umsl.edu

Github Link -

<https://github.com/sunnypranay4748/WebSpring2022/tree/main/WebPart/ICP6>

Aishwarya Naidu Kotla – aknxd@umkc.edu

Github Link –

<https://github.com/AishwaryaKotla/WebSpring2022/tree/main/WebPart/ICP6>

This ICP introduces us to routers, services, HTTP, and RESTful APIs in Angular.

Step 1: Sign up to the Foursquare API, acquire Client Id and Client Secret

Step 2: Signup to the EDAMAM API, acquire app_id and app_key

Task 1

Create an application in Angular which displays nearby restaurants

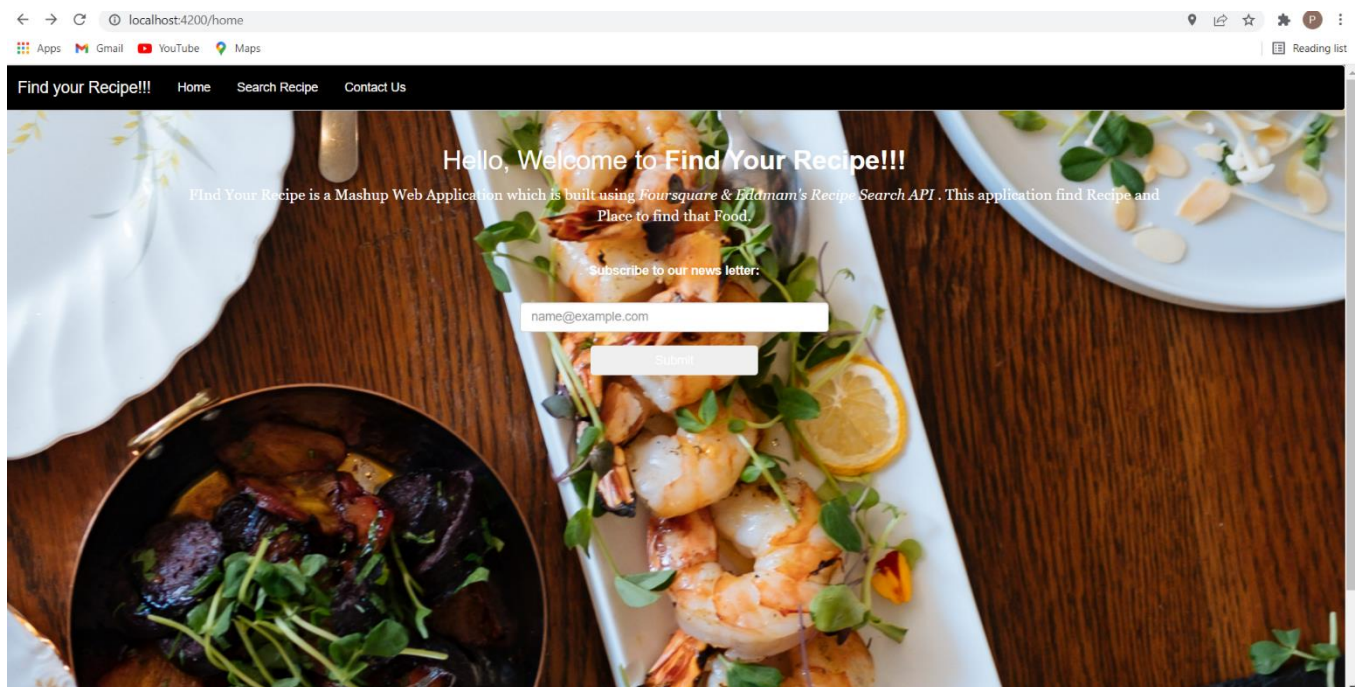
Task 2

Create an application in Angular which displays recipes

I have combined both the tasks and implemented in a single one.

Below are the images showing the hands on work :

HOME PAGE VIEW



The Main logic behind calling the API's

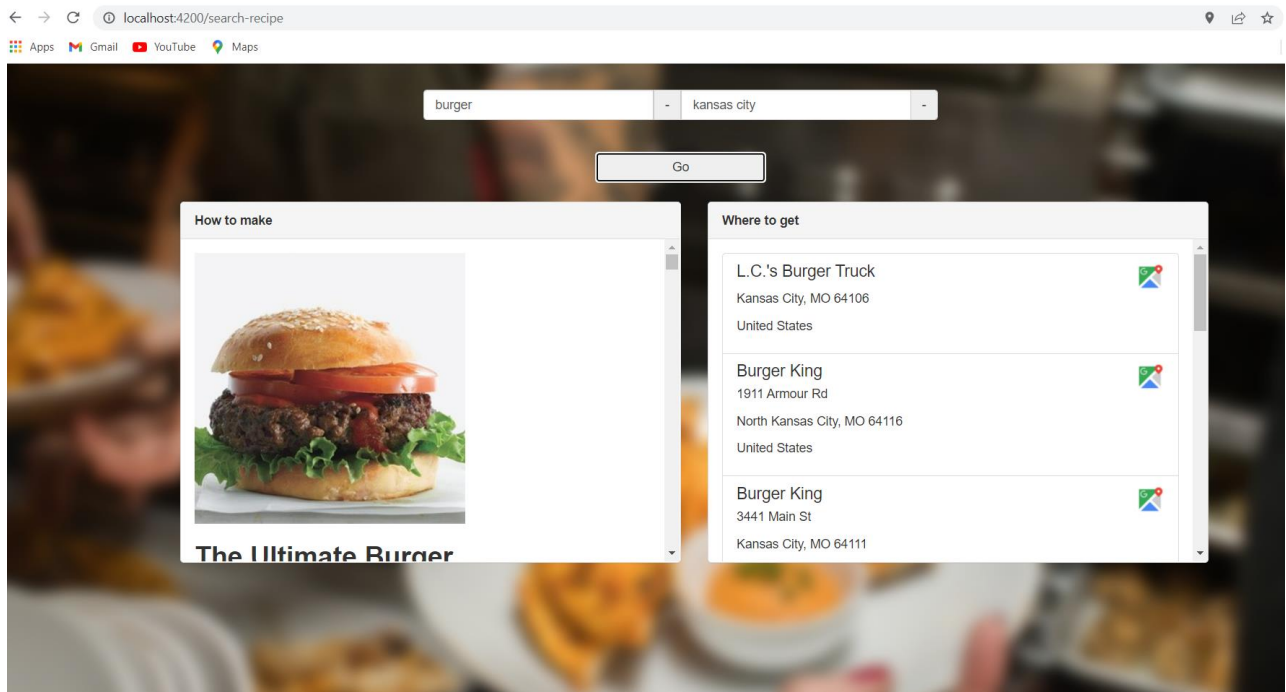
```
position => {
  this.geolocationPosition = position;
  this.currentLat = position.coords.latitude;
  this.currentLong = position.coords.longitude;
});
}

getVenues() {
  this.recipeValue = this.recipes.nativeElement.value;
  this.placeValue = this.places.nativeElement.value;
  if (this.recipeValue !== null) {

    this._http.get('https://api.edamam.com/search?q=' + this.recipeValue + '&app_id=24992616'
      + '&app_key=b4d0a13f03a7ec38495042d62b9bf55a')
      .subscribe(({hits}: RecipeSearchResponse) => {
        this.recipeList = hits.map(hit => hit.recipe);
      });
  }
  if (this.placeValue !== null && this.placeValue !== '' && this.recipeValue !== null) {
    if (this.recipeValue !== '') {

      this._http.get('https://api.foursquare.com/v2/venues/search?client_id=5CKU3C4ADVKGOMYCXBT0Y2QTEXXISPNUGFQYRZGOLS4X4AV'
        + '&client_secret=QAHCN1HSI1VFLK5ULDPOGXBLEB5RQCCYYODNZDCZG1DXF10W&v=20180323&limit=10&near=' + this.placeValue + '&query=' +
        [this.recipeValue]).
      subscribe(({response}: VenueSearchResponse) => {
        this.venueList = response.venues;
      });
    }
  }
}
}
```

Searching with recipe's and the locations



Recipes including the details like name, serving, calories, diet type, and list of ingredients

How to make

The Ultimate Burger

Servings: 6 | Calories per serving: 2211

Diet: , Dairy-Free,Egg-Free,Peanut-Free,Tree-Nut-Free,Soy-Free,Fish-Free,Shellfish-Free,Pork-Free,Crustacean-Free,Celery-Free,Sesame-Free,Lupine-Free,Mollusk-Free,Alcohol-Free,Sulfite-Free,Kosher

Source: <https://www.epicurious.com/recipes/food/views/the-ultimate-burger-353654>

Ingredients:

2 1/2 pounds skirt steak or sirloin flap steak

Accompaniments: homemade burger buns ; homemade ketchup ; homemade mustard ; homemade pickle relish ; lettuce and tomato

Clicking on the map icon, will redirect you to that location

