ICP6 Report

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github: https://github.com/GollapudiSrikanth/WebMobileSpring2022/tree/main/Web/ICP6

Mangi Varun Reddy - vmf9p@umsystem.edu

github: https://github.com/MangiVarunReddy/Webcourse/tree/main/Web part/ICP6

Task Performed

- **1.** Created an angular project named call-api, where we need to integrate the foursquare api and edamam api for nearby and recipe search.
- **2.** Used the Bootstrap framework for responsiveness of the page and used cards and many other classes.
- **3.** Created a shared folder where all the api services are being consumed and created two service files.
- **4.** Created two components one for restaurants and other for recipe
- **5.** In the recipe component we have created a search page where user enter the food which he want to get the recipe.
- **6.** On click of search button in the page it calls the getRecipie function where it captures the query and sends it to the service which is nothing but our api is being called over here and captures the response.
- **7.** *ngIf is used so that only, on having a successful api call with the appropriate response then only the results are loaded.
- **8.** Once the response is captured then kept it into the ngmodel object and is being iterated with *ngFor and will be created a row with a card where it consists of all the details and image of the recipe and a link is provided to traverse to that page.
- **9.** Same goes with the nearby restaurants api where we developed in the same fashion, but for this api we need to add headers which we need to generate from foursquareapi.
- **10.** Top component which consists nav bar was used in both recipe and restaurant components.

OutCome

From this task we were able to create a angular project and integrate the api and able to show the results of the api call.

Task Distribution

Work Contributed was equally distributed together.

Code Snippets:

a) Restaurant

```
th □ .
           <div *ngff-"show">
  <div *ngfor-"let place of places">
      <div class="row mt-3 col-sm-6">
      <div class="row mt-3 col-sm-6">
      <div class="card-header text-success">{{place.name}}</h>
      </div class="card-header text-success">{{place.name}}</h>

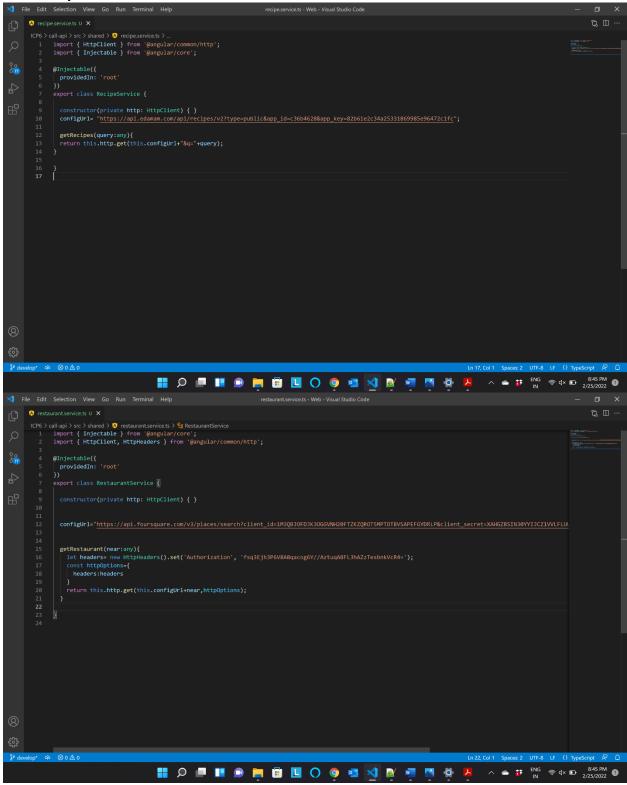
                  ICP6 > call-api > src > app > restaurants > ③ restaurants.componentts > ...
1 import { Component, OnInit } from '@angular/core';
2 %port { RestaurantService } from 'src/shared/restaurant.service';
3 import { TopComponent { } from '.../top/top.component';
      @Component({
    selector: 'app-restaurants',
    templateUrl: './restaurants.component.html',
    styleUrls: ['./restaurants.component.css']
         query:any;
show:boolean=false;
         getNearByPlaces(){
           this.restaurantService.getRestaurant(this.query).subscribe( (data:any) => {
    this.places=data.results;
            this.show=true;
console.log("response is ",data.results);
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```

b) Recipe Component

```
<a class="navbar-brand">Search the Recipie</a>
<div class="col-lg-6 col-md-8 col-sm-10 col-xs-12"</pre>
                                                         cdiv class= c01-ig=0 c01-im=0 c01-im=0 c01-im=10 c0
                                                  cdiv class="card">card">card">card">card">card">card">card=leader">{{recipie.recipe.label}}
div class="card-leader">{{recipie.recipe.image}} alt="" style="height:170px;width: 180px;">
cho class="card-title"
cipie.recipe.recipe.image}
alt="" style="height:170px;width: 180px;">cho
cspan class="card-text">cstrong:culsineTypec/strong>{{recipie.recipe.culsineType}}
cspan class="card-text">cstrong:MealTypec/strong>{{recipie.recipe.dishType}}
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(ICP6 > call-api > src > app > recipe > @ recipe.components > ...
1    import { Component, OnInit,NgModule } from '@angular/core';
2    import { RecipeService } from 'src/shared/recipe.service';
                                       component(;
selector: 'app-recipe',
templateUrl: './recipe.component.html',
styleUrls: ['./recipe.component.css']
                                   query:any;
show:boolean =false;
constructor(private recipeService:RecipeService) { }
                                       getRecipies(){
                                                   this.recipeservice.getRecipes(this.query).subscribe((data:any)=>{
    this.recipies = data.hits;
                                                       this.show=true;
console.log("response is ",this.recipies);

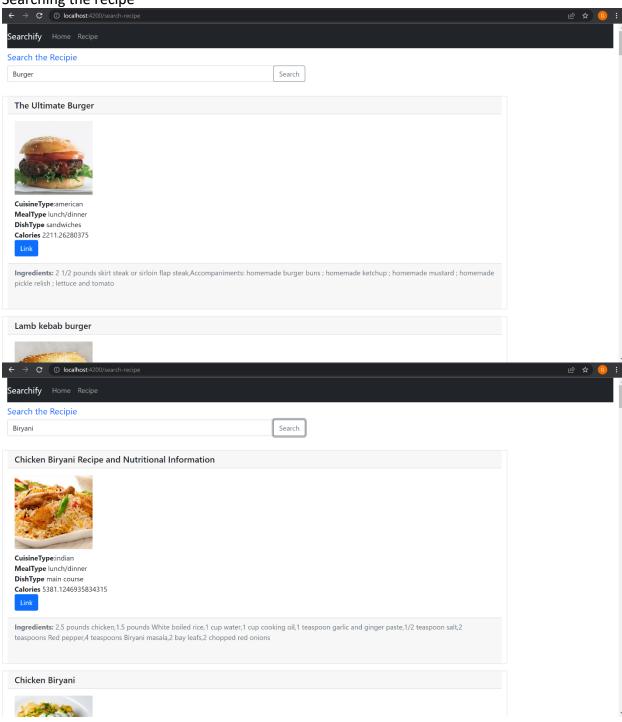
⊕ ⊗ 0 Δ 0
```

Service layer



Task Screenshots:

Searching the recipe



Nearby Restaurants

