ProductComponent.html:

<p>

  student works!

</p>

<form name="form" (ngSubmit)="onSubmit()">

  <div class="form-group">

    <label>Enter name to search</label>

    <input type="text" class="form-control" [(ngModel)]="Category" name="Category">

  </div>

  <div \*ngIf="submitted">

    <table class="table">

      <tr>

        <th>Id</th>

        <th>Name</th>

        <th>Category</th>

        <th>Price</th>

        <th>desc</th>

      </tr>

      <tr \*ngFor="let d of details |filter:Category">

        <td>{{d.ProductId}}</td>

          <td>{{d.ProducName}}</td>

          <td>{{d.Category}}</td>

          <td>{{d.Price}}</td>

          <td>{{d.Descrip}}</td>

      </tr>

    </table>

  </div>

  <button class="btn btn-success">GET</button>

ProductComponent.ts

import { Component, OnInit } from '@angular/core';

import { StudentModel } from 'src/app/Model/StudentModel';

import { Validators, FormGroup, FormBuilder } from '@angular/forms';

import { StudentService } from 'src/app/services/student.service';

@Component({

  selector: 'app-student',

  templateUrl: './student.component.html',

  styleUrls: ['./student.component.css']

})

export class StudentComponent implements OnInit {

  details:StudentModel[]

  submitted:boolean=true;

  form:FormGroup

  constructor(private fb:FormBuilder,private Services:StudentService) { }

getAll()

{

  this.Services.getUsersfromService().subscribe(data=>this.details=data);

}

  ngOnInit():void {

    this.form=this.fb.group({

    firstname:['',Validators.required]

  })

}

  onSubmit()

  {

    this.submitted=true;

    this.Services.getUsersfromService().subscribe(data=>{this.details=data;

    })

  }

}

Productpipe.ts

import { Pipe, PipeTransform } from '@angular/core';

@Pipe({

  name: 'filter'

})

export class StudentPipe implements PipeTransform {

  transform(details: any[], Category?: string): any[] {

    if(!details)

    {

      return[];

    }

    if(!Category)

    {

      return details;

    }

    return details.filter(dt=>{return dt.Category==Category;})

  }

  }

ProductServices.ts

import { Injectable } from '@angular/core';

import { HttpClient } from '@angular/common/http';

import { StudentModel } from '../Model/StudentModel';

@Injectable({

  providedIn: 'root'

})

export class StudentService {

  baseurl="http://localhost:55424/Api/Student/";

  constructor(private \_http:HttpClient) { }

  getUsersfromService()

  {

    return this.\_http.get<StudentModel[]>(this.baseurl+'/AllUserDetails');

  }

}

ProductModel

export interface StudentModel

{

    ProductId:number;

    ProductName:string;

    Category:string;

    Price:number;

    Descrip:string;

}

PlayerComponent.html

<p>

  player works!

</p>

<form name="form" (ngSubmit)="onSubmit()">

  <div class="form-group">

    <label>Enter country to search</label>

    <input type="text" class="form-control" [(ngModel)]="Country" name="Country">

  </div>

  <div \*ngIf="submitted">

    <table class="table">

      <tr>

        <th>PlayerId</th>

        <th>PlayerName</th>

        <th>Country</th>

        <th>Specialization</th>

        <th>Rank</th>

      </tr>

      <tr \*ngFor="let d of details |filter:Country">

        <td>{{d.PlayerId}}</td>

          <td>{{d.PlayerName}}</td>

          <td>{{d.Country}}</td>

          <td>{{d.Specialization}}</td>

          <td>{{d.Rank}}</td>

      </tr>

    </table>

  </div>

  <button class="btn btn-success">GET</button>

</form>

Playercomponene.ts

import { Component, OnInit } from '@angular/core';

import { Validators, FormGroup, FormBuilder } from '@angular/forms';

import { PlayerService } from 'src/app/services/player.service';

import { PlayerModel } from 'src/model/PlayerModel';

@Component({

  selector: 'app-player',

  templateUrl: './player.component.html',

  styleUrls: ['./player.component.css']

})

export class PlayerComponent implements OnInit {

  details:PlayerModel[]

  submitted:boolean=true;

  form:FormGroup

  constructor(private fb:FormBuilder,private Services:PlayerService) { }

getAll()

{

  this.Services.getUsersfromService().subscribe(data=>this.details=data);

}

  ngOnInit():void {

    this.form=this.fb.group({

    firstname:['',Validators.required]

  })

}

  onSubmit()

  {

    this.submitted=true;

    this.Services.getUsersfromService().subscribe(data=>{this.details=data;

    })

  }

}

Player pipe.ts

import { Pipe, PipeTransform } from '@angular/core';

@Pipe({

  name: 'filter'

})

export class PlayerPipe implements PipeTransform {

  transform(details: any[], Country?: string): any[] {

    if(!details)

    {

      return[];

    }

    if(!Country)

    {

      return details;

    }

    return details.filter(dt=>{return dt.Country==Country;})

  }

  }

Player service.ts:

import { Injectable } from '@angular/core';

import { HttpClient } from '@angular/common/http';

import { PlayerModel } from 'src/model/PlayerModel';

@Injectable({

  providedIn: 'root'

})

export class PlayerService {

  baseurl="http://localhost:57845/Api/Player/";

  constructor(private \_http:HttpClient) { }

  getUsersfromService()

  {

    return this.\_http.get<PlayerModel[]>(this.baseurl+'/AllUserDetails');

  }

}

Playermodel

export interface PlayerModel

{

    PlayerId:number;

    PlayerName:string;

    Country:string;

    Specialization:string;

    Rank:number;

}