Search Activity

Add Main Component

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

@Component({

  selector: 'app-seventh',

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

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

})

export class SeventhComponent implements OnInit {

  constructor() { }

  ngOnInit(): void {

    this.LoadStudents("");

  }

   students: any[];

   public LoadStudents(filterText: string): void {

    this.students = [

        { studentID: 1, studentName: 'Steve', gender: 'Male', age: 35, course: 'MCA', DOB: '10/12/1982', grade:0.7500,rating:7.5123 },

        { studentID: 2, studentName: 'Bobby', gender: 'Male', age: 32, course: 'MBA', DOB: '12/1/1985', grade: 0.7850, rating: 7.8223 },

        { studentID: 3, studentName: 'Rina', gender: 'Female', age: 45, course: 'B.Tech', DOB: '9/11/1972', grade: 0.8525, rating: 8.5263 },

        { studentID: 4, studentName: 'Alex', gender: 'Female', age: 24, course: 'M.Tech', DOB: '1/1/1993', grade: 0.5540, rating: 5.5123 },

        { studentID: 5, studentName: 'Rahul', gender: 'Male', age: 26, course: 'MCA', DOB: '1/21/1991', grade: 0.9550, rating: 9.5534 },

    ];

    if (filterText != "") {

        var filterStudentList: any[] = [];

        this.students.forEach(stu => {

            if (stu.studentName.toLowerCase().includes(filterText)) {

                filterStudentList.push(stu);

            }

            this.students = filterStudentList;

        })

    }

}

OnStudentSearch(searchTerm: string): void {

  this.LoadStudents(searchTerm);

}

}

Html

<search-app (Search)="OnStudentSearch($event)"> </search-app>

<table class="table table-responsive  table-bordered table-striped">

  <thead>

    <tr>

      <th> Student Id</th>

      <th> Name </th>

      <th>Gender </th>

      <th> Age </th>

      <th>Courses </th>

      <th>DOB</th>

      <th>Grade</th>

      <th> Rating </th>

    </tr>

  </thead>

  <tbody>

     <tr \*ngFor="let s of students;">

      <td>{{s.studentID}}</td>

      <td>{{s.studentName | uppercase}}</td>

      <td>{{s.gender | lowercase}}</td>

      <td>{{s.age}}</td>

      <td>{{s.course}}</td>

      <td>{{s.DOB | date:'yMMMMd' | uppercase }}</td>

      <td>{{s.grade | percent:'.2'}}</td>

      <td>{{s.rating | number:'2.1-2'}}</td>

  </tr>

  <tr \*ngIf="!students || students.length==0">

    <td colspan="8">

      <b>  No records </b>

    </td>

  </tr>

  </tbody>

</table>

Search Component

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

@Component({

  selector: 'search-bar',

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

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

})

export class SearchbarComponent implements OnInit {

  @Output()

  Search = new EventEmitter<string>();

  OnStudentSearch(searchTerm:string): void {

    console.log(searchTerm);

    this.Search.emit(searchTerm);

}

  constructor() { }

  ngOnInit(): void {

  }

}

<div class="form-group">

  <div class="md-col-4">

      <label>Enter Student Name:</label>

  </div>

  <div class="md-col-4">

      <input class="form-control" #searchInput type="text" />

  </div>

</div>

<button type="submit" class="btn btn-default" (click)="OnStudentSearch(searchInput.value)">

  Search

</button>