DESIGN A WEB PAGE WITH NAVIGATION BAR

App.component.html

<app-header></app-header>

<router-outlet></router-outlet>

Header.component.html

<nav class="navbar navbar-expand-lg navbar-light bg-light">

<a class="navbar-brand" href="#">Navbar</a>

<button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation">

<span class="navbar-toggler-icon"></span>

</button>

<div class="collapse navbar-collapse" id="navbarSupportedContent">

<ul class="navbar-nav mr-auto">

<li class="nav-item active">

<a class="nav-link" routerLink=studentlist>studentlist <span class="sr-only">(current)</span></a>

</li>

<li class="nav-item">

<a class="nav-link" routerLink=booklist>booklist</a>

</li>

<!-- <li class="nav-item">

<a class="nav-link" routerLink=studentlist>studentlist</a>

</li> -->

<li class="nav-item dropdown">

<a class="nav-link dropdown-toggle" href="#" id="navbarDropdown" role="button" data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">

Dropdown

</a>

<div class="dropdown-menu" aria-labelledby="navbarDropdown">

<a class="dropdown-item" href="#">Action</a>

<a class="dropdown-item" href="#">Another action</a>

<div class="dropdown-divider"></div>

<a class="dropdown-item" href="#">Something else here</a>

</div>

</li>

<li class="nav-item">

<a class="nav-link disabled" href="#" tabindex="-1" aria-disabled="true">Disabled</a>

</li>

</ul>

<form class="form-inline my-2 my-lg-0">

<input class="form-control mr-sm-2" type="search" placeholder="Search" aria-label="Search">

<button class="btn btn-outline-success my-2 my-sm-0" type="submit">Search</button>

</form>

</div>

</nav>

ROUTING

App-routing.module.ts

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

import { Routes, RouterModule } from '@angular/router';

import { BooklistComponent } from './booklist/booklist.component';

import { StudentlistComponent } from './studentlist/studentlist.component';

const routes: Routes = [{path:'booklist',component:BooklistComponent},{path:'studentlist',component:StudentlistComponent}];

@NgModule({

imports: [RouterModule.forRoot(routes)],

exports: [RouterModule]

})

export class AppRoutingModule { }

CREATE A STUDENT DETAILS AND DISPLAY DETAILS OF STUDENT BY A BUTTON CLICK

Student.component.html

<div class="card" style="width: 18rem;">

<img src={{img}} class="card-img-top" alt="hello">

<div class="card-body">

<h5 class="card-title">{{rollno}}</h5>

<p class="card-text">{{name}}</p>

<p class="card-text">{{batch}}</p>

<p class="card-text">{{department}}</p>

<input type="button" value="select" (click)="SelectStudent()"/>

<!-- <a href="#" class="btn btn-primary">Go somewhere</a> -->

</div>

</div>

DECLARE VARIABLES AND DEFINE SelectStudent() FUNCTION

Student.component.ts

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

// import { EventEmitter } from 'events';

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

@Component({

selector: 'app-student',

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

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

})

export class StudentComponent implements OnInit {

@Input() img:string;

@Input() rollno:BigInteger;

@Input() name:string;

@Input() batch:string;

@Input() department:string;

@Output() sendStudent:EventEmitter<any>=new EventEmitter();

SelectStudent(){

let selectedStudent:any={simg:this.img,srollno:this.rollno,sname:this.name,sbatch:this.batch,sdepartment:this.department};

this.sendStudent.emit(selectedStudent);

}

constructor() { }ngOnInit() {

}}

CODE FOR BUTTON CLICK EVENT AND EVENT EMITTER

Studentlist.component.html

selected image:<img src={{studentd.simg}}>

<br/>

Selected rollno:{{studentd.srollno}}

<br/>

Selected name:{{studentd.sname}}

<br/>

Selected batch:{{studentd.sbatch}}

<br/>

Selected department:{{studentd.sdepartment}}

<br/>

<app-student class="gbgb"

[img]="item.img"

[rollno]="item.rollno"

[name]="item.name"

[batch]="item.batch"

[department]="item.department"

\*ngFor="let item of StudentDetails"

(sendStudent)="addStudent($event)"

></app-student>

Student.component.ts

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

@Component({

selector: 'app-studentlist',

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

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

})

export class StudentlistComponent implements OnInit {

public StudentDetails:any=[{img:"assets/Reeba.png",rollno:1,name:"dfghhj",batch:"hgfdsdf",department:"fdc"},

{img:"assets/k.png",rollno:2,name:"dfghhj",batch:"hgfdsdf",department:"fdc"},{img:"assets/m.png",rollno:3,name:"dfghhj",batch:"hgfdsdf",department:"fdc"}];

studentd:any;

addStudent(data:any)

{

this.studentd=data;

}

constructor() { }

ngOnInit() {

}

}