

# Steps for Detail Page

Step 01: Create detail-faculty component

Use **ng g c detail-faculty** command

Step 02: Create route in app-routing.module.ts

```
{path:"faculty/:id", component: DetailFacultyComponent}
```

Step 03: import ActivatedRoute in detail-faculty.component.ts

```
import { ActivatedRoute } from '@angular/router';
```

Step 04: inject ActivatedRoute in detail-faculty.component.ts

```
constructor(private _activatedRoute : ActivatedRoute) { }
```

Step 05: get id in ngOnInit in detail-faculty.component.ts

```
ngOnInit(): void {  
    this.id = this._activatedRoute.snapshot.params.id;  
}
```

Step 06: import ApiFacultyService in detail-faculty.component.ts

```
import { ApiFacultyService } from '../api-faculty.service';
```

Step 07: inject ApiFacultyService in detail-faculty.component.ts

```
constructor(private _activatedRoute : ActivatedRoute, private _api:ApiFacultyService) { }
```

Step 08: in api-faculty.service.ts file create a function getFacultyById(id:any)

```
getFacultyById(id:any){  
    return this._http.get(this.apiUrl+"/"+id);  
}
```

Step 09: Create a class Faculty

Using **ng g class Faculty**

Step 10: Set all properties in faculty.ts file

```
export class Faculty {  
    FacultyID : number = 0;
```

```

FacultyName : string = '';
FacultyDesignation: string = '';
FacultyHighestEducation : string = '';
FacultyExperienceInYears : string = '';
FacultyWorkingSince : string = '';
FacultyMobileNumber : string = '';
FacultyEmailAddress : string = '';
FacultySeating : string = '';
FacultyProfileDescription : string = '';
FacultySubjectsTaught : string = '';
FacultyImage : string = '';
FacultyDepartmentID : number = 0;
FacultySequence : number = 0;
}

```

Step 11: Create a object of Faculty class in detail-faculty.component.ts file

```

facultyDetail : Faculty = new Faculty();

```

Step 12: call getFacultyDetail method in ngOnInit in detail-faculty.component.ts file and subscribe to observable

```

ngOnInit(): void {
  this.id = this._activatedRoute.snapshot.params.id;
  let ob = this._api.getFacultyById(this.id);
  ob.subscribe((res:any)=>{
    this.facultyDetail = res;
  });
}

```

Step 13: we will now have the details of specific faculty in our object which we can display in .html file (Design this page properly)

```

<div class="row">
  <div class="col-md-3" style="background-color: gray;">
    
    <p>{{ facultyDetail.FacultyName }}</p>
    <p>{{ facultyDetail.FacultySubjectsTaught }}</p>
  </div>
  <div class="col-md-9" style="background-color: gray;">
    <p>{{ facultyDetail.FacultyProfileDescription }}</p>
  </div>
</div>

```

Now we just need to navigate to detail-faculty component from faculty component

Step 14: import Router in faculty.component.ts

```
import { Router } from '@angular/router';
```

Step 15: inject Router in faculty.component.ts

```
constructor(private _api:ApiFacultyService, private _route:Router) { }
```

Step 16: set click event on faculty.component.html and call detailFaculty function

```
<a (click)="detailFaculty(f.FacultyID)" class="btn btn-  
primary">View Full Profile</a>
```

Step 17: in faculty.component.ts file create a function named detailFaculty and navigate to that component

```
detailFaculty(id:number){  
    this._route.navigate(['faculty',id]);  
}
```

# HAPPY LEARNING