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2004-2024 (20th Anniversary)

Sprint-2 Plan

Employee Detail Management

1. Establishing Project Folder Architecture
2. Server App Initialization
3. **Sprint-2 Execution** [2(a), 2(b), **2(c)(i)(iii)**(iii), 2(d), 2(e), 2(f)]
4. Completing Sprint-1 Objectives

2(a) Employee Module - Analysis, Design & DB-Preparation

2(b) Employee View

2(c) Employee Search

Design Search Criteria
Server App Modifications
Client App Modifications

2(d) Employee Insert

2(e) Employee Update

2(f) Employee Delete

2(c) Employee Search

1. Design Search Criteria
Define Search Attributes/Lists Required for Search Panels/SQL Queries Needed
2. Server-App Modification
Implement Listing Services
Implement Searching Service
 - (1) Using Controller Filtering
 - (2) Using QBE/ Named Queries/ Native Queries
3. Client-App Modification
 1. Implement Service Calls and Test
 2. Create Search Form and Observe auto binding Combo Boxes
 3. Implement Search Functionality
 4. Implement Search-Clear Functionality
 5. Create Confirm Dialog and integrate with Search Clear Confirmation

1. Content of the “5-Delete” of the “Client-App” folder at the End of Sprint-2 “View” Completion (Make sure you must start from here)

Projects > Earth-University-College > Client-App > Sprint-2 >

Name

1-View

2-Search

3-Insert

4-Update

5-Delete

Projects > Earth-University-College > Client-App > Sprint-2 > 5-Delete >

Name

.angular

.git

.idea

node_modules

src

.editorconfig

.gitignore

angular.json

package.json

package-lock.json

README.md

tsconfig.app.json

tsconfig.json

tsconfig.spec.json

Projects > Earth-University-College > Client-App > Sprint-2 > 5-Delete > src >

Name

app

assets

favicon.ico

index.html

main.ts

styles.css

> Projects > Earth-University-College > Client-App > Sprint-2 > 5-Delete > src > app >

Name

entity

service

util

view

app.component.css

app.component.html

app.component.spec.ts

app.component.ts

app.module.ts

app-routing.module.ts

Projects > Earth-University-College > Client-App > Sprint-2 > 5-Delete > src > app > view >

Name

configuration

dashboard

home

login

mainwindow

modules

Client-App > Sprint-2 > 5-Delete > src > app > view > modules >

Name

course

employee

user

Client-App > Sprint-2 > 5-Delete > src > app > view > modules > employee

Name

employee.component.css

employee.component.html

employee.component.ts

Client-App > Sprint-2 > 5-Delete > src > app > service

Name

AuthenticateService.ts

employeeservice.ts

Client-App > Sprint-2 > 5-Delete > src > app > entity

Name

designation.ts

employee.ts

employeeestatus.ts

gender.ts

Client-App > Sprint-2 > 5-Delete > src > app > util > ui

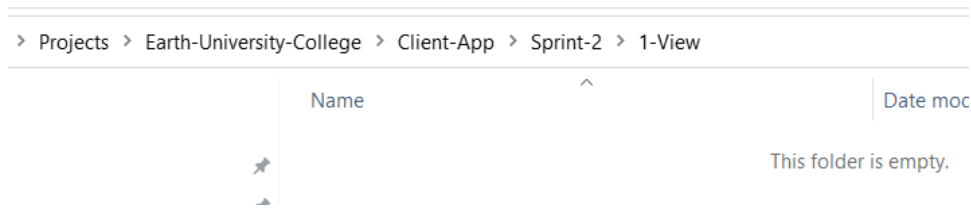
Name

ui.assist.ts

2. Copy the Content of “5-Delete” into “1-View” as Backup for Restore Point (View)

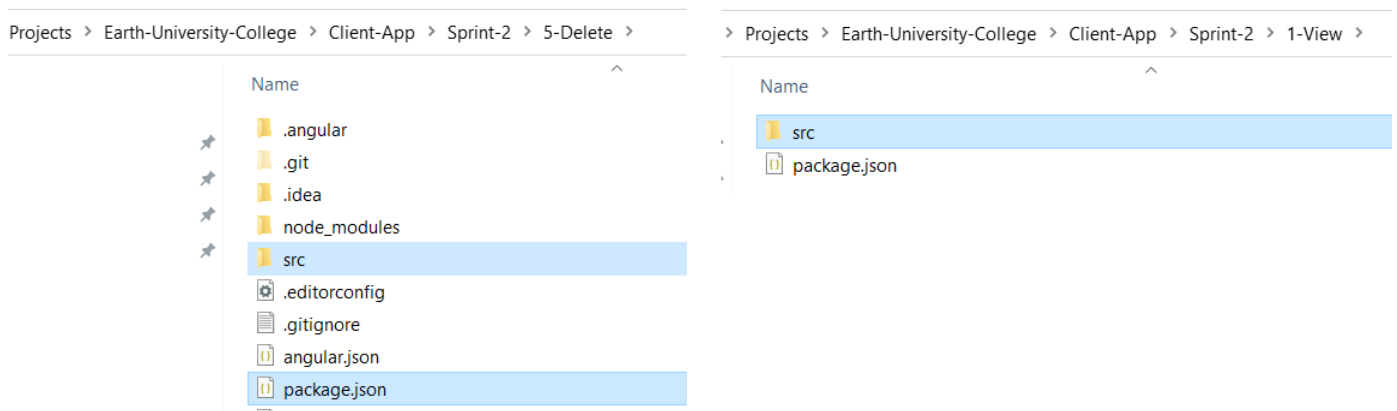
Here you do not need to copy “node-modules” as it contains lot of library files and difficult to copy. Needed dependencies are available in “package.json”

We will continue the existing project in “5-Delete” folder.



Copy the “src” folder with “package.json”

Paste as a backup



We will continue the existing project in “5-Delete” folder.

2(c) Employee Search (i) Server (ii) Client

1. Design Search Criteria

Define Search Attributes/Lists Required for Search Panels/~~SQL Queries Needed~~

2. Server-App Modification

Implement Listing Services

Implement Searching Service

(3) Using Controller Filtering

~~(4) Using QBE/ Named Queries/ Native Queries~~

3. Client-App Modification

1. **Implement Service Calls and Test**

2. **Create Search Form and Observe for auto binding Combo Boxes**

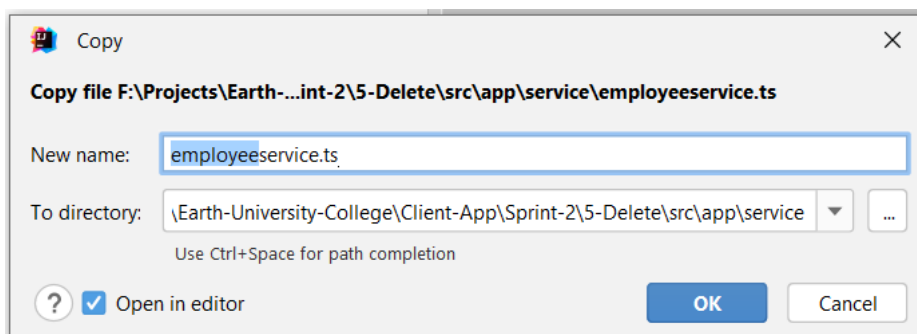
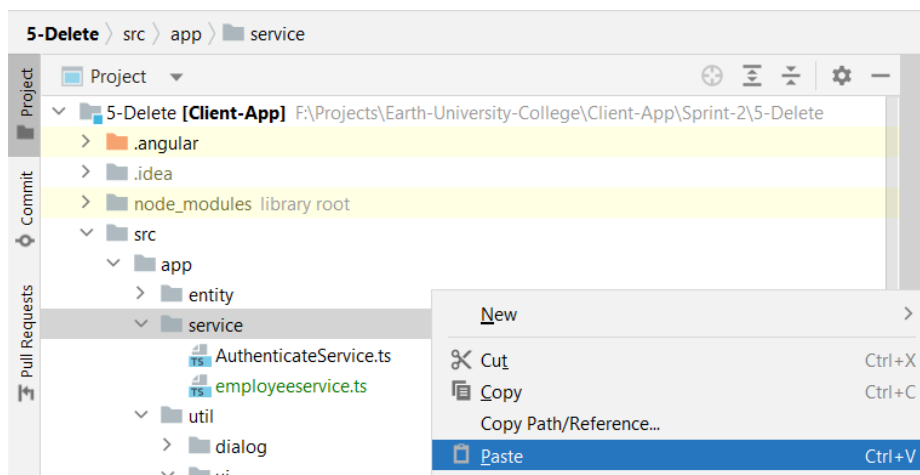
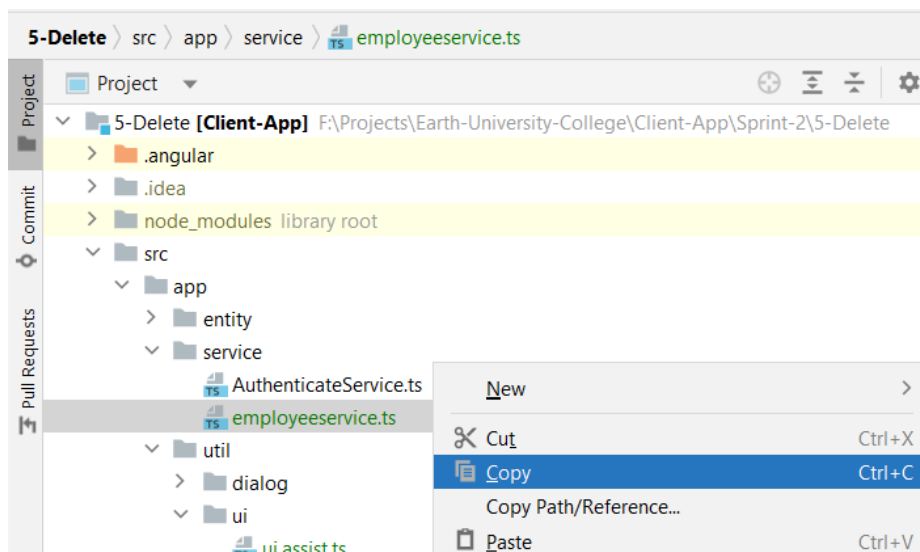
3. **Implement Search Functionality**

4. **Implement Search-Clear Functionality**

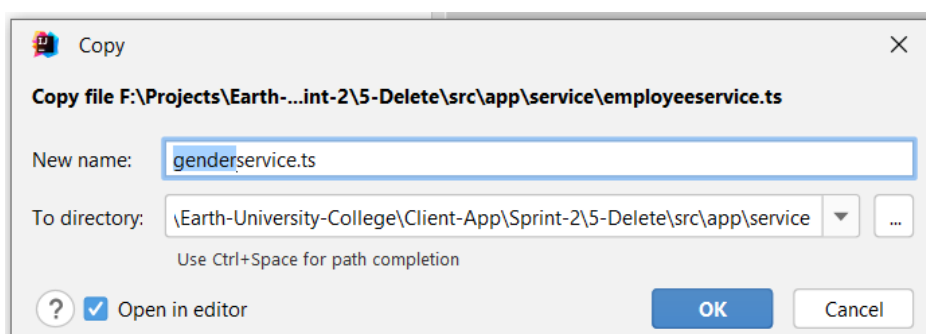
5. **Create Confirm Dialog and integrate with Search Clear Confirmation**

1. Implement Service Calles and Test

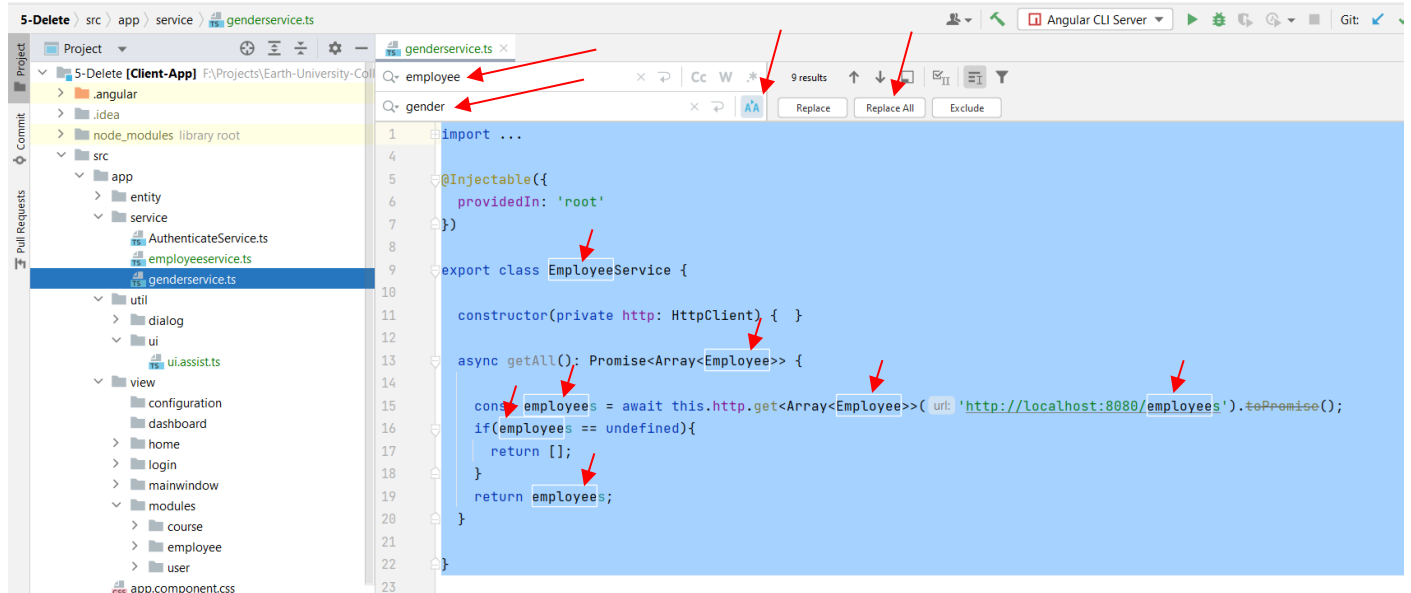
(a) Create 2 Services “GenderService” and “DesignationService”



Change “employeeservice” into “genderservice”



Ctrl + R (Find & Replace)

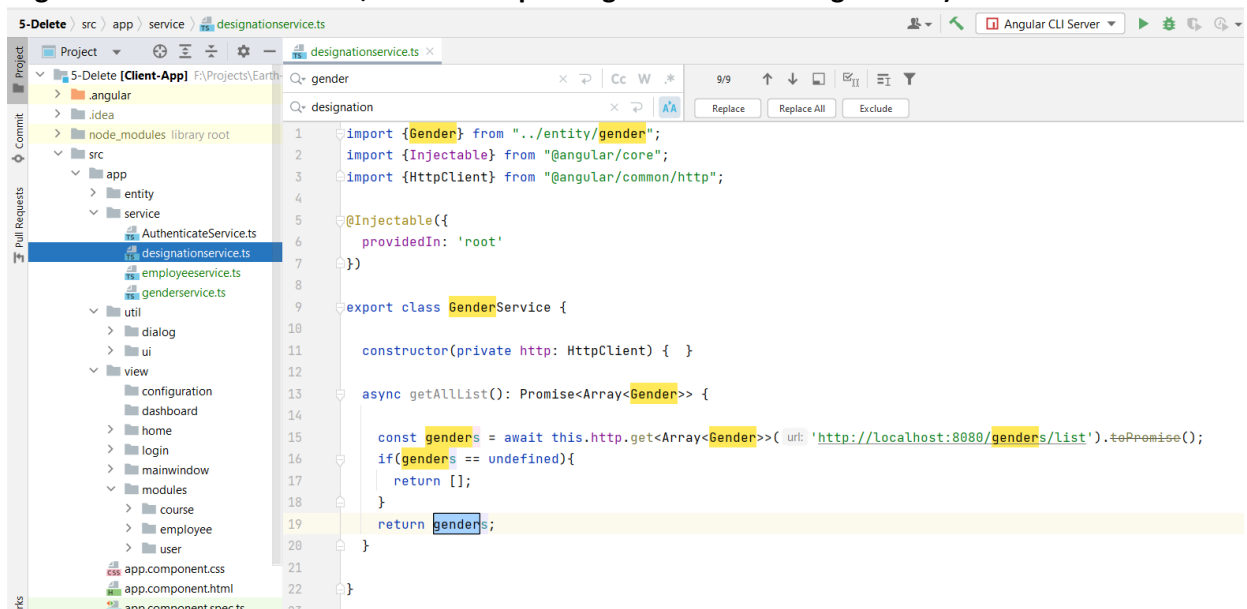


Change the “getALL()” into “getALLList()”



Repeat the Process to create Designation Service

(Copy the genderservice.ts and Paste, Find and Replace “gender” with “designation”)



Testing Service Calls

Create 2 Arrays

Instruct the Angular Framework (Routing Module who Call the Constructor) to Inject 2 Services(gs,ds).

```
5-Delete > src > app > view > modules > employee > employee.component.ts EmployeeComponent

Project
  5-Delete [Client-App] F:\Projects\Earth-University-Co
    .angular
    .idea
    node_modules library root
    src
      app
        entity
        service
        util
        view
          configuration
          dashboard
          home
          login
          mainwindow
          modules
            course
            employee
              employee.component.css
              employee.component.html
              employee.component.ts
            user
              app.component.css
              app.component.html
              app.component.spec.ts
              app.component.ts
              app.module.ts
              app-routing.module.ts
          assets
            favicon.ico
            index.html
            main.ts
            styles.css

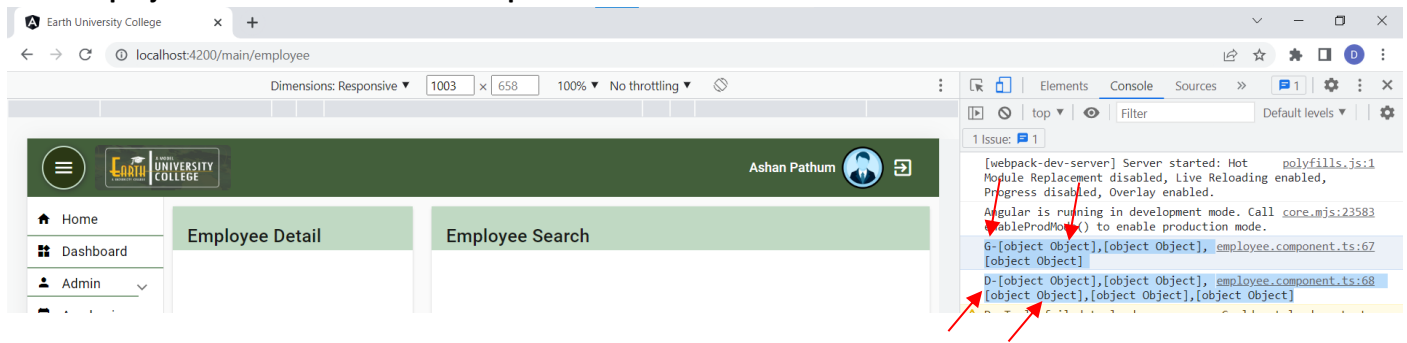
Commit
Pull Requests
Bookmarks
Structure

19
20 export class EmployeeComponent {
21
22   columns: string[] = ['number', 'callingname', 'gender'];
23   headers: string[] = ['Number', 'Calling Name', 'Gender'];
24   binders: string[] = ['number', 'callingname', 'gender'];
25
26   cscolumns: string[] = ['csnumber', 'cscallingname', 'csgender'];
27   csprompts: string[] = ['Search by Number', 'Search by Calling Name', 'Search by Gender'];
28
29   public csearch!: FormGroup;
30
31   employees: Array<Employee> = [];
32   data!: MatTableDataSource<Employee>;
33   imageurl: string = '';
34   @ViewChild(MatPaginator) paginator!: MatPaginator;
35
36   genders: Array<Gender> = [];
37   designations: Array<Designation> = [];
38
39   uiassist: UiAssist;
40
41   constructor(
42     private es: EmployeeService,
43     private gs: GenderService,
44     private ds: DesignationService,
45     private fb: FormBuilder) {
46
47     this.uiassist = new UiAssist(this);
48   }
49 }
```

Request Data using “getAllList()” methods of each injected Service(gs,ds) within the “initialize()” method
Console.log() outputs to test Data Arrival. Use “then()” or “finally()” of the Promise returned by each service

```
employee.component.ts x
57
58 }
59
60 ngOnInit() {
61   this.initialize();
62 }
63
64 initialize() {
65   this.createView();
66
67   this.gs.getAllList().then( (gens : Gender[]) => { this.genders = gens; console.log("G-"+this.genders); } );
68   this.ds.getAllList().then( (dess : Designation[]) => { this.designations = dess; console.log("D-"+this.designations); } );
69
70   this.createSearch();
71   this.createForm();
72 }
```

Run the project and observe Console Output



localhost:8080/genders/list

```
[{"id":1,"name":"Male"}, {"id":2,"name":"Female"}, {"id":3,"name":"Other"}]
```

← 3 objects

localhost:8080/designations/list

```
[{"id":1,"name":"Demonstrator L1"}, {"id":2,"name":"Assistent G1"}, {"id":3,"name":"Assistent G2"}, {"id":4,"name":"Demonstrator L2"}, {"id":5,"name":"Demonstrator L3"}]
```

← 5 Objects

2. Implement Form Controls needed for Search Form

- (i) Form for Client Search (csearch) ← C-Search
- (ii) **Form for Server Search (ssearch) ← S-Search**
- (iii) Form for CRUD Operation (crud) ← Main Form used to (Add/Update/Delete/View Details)

```
employee.component.ts  
24 binders: string[] = ['number', 'callingname', 'gender.name'  
25  
26 cscolumns: string[] = ['csnumber', 'cscallingname', 'csgenc  
27 csprompts: string[] = ['Search by Number', 'Search by Name'  
28 'Search by Designation'  
29  
30 public csearch!: FormGroup;  
31 public ssearch!: FormGroup;  
32  
employees: Array<Employee> = [];
```

```
employee.component.ts  
42 constructor(  
43   private es: EmployeeService,  
44   private gs: GenderService,  
45   private ds: DesignationService,  
46   private fb: FormBuilder) {  
47  
48   this.uiassist = new UiAssist(this);  
49  
50   this.csearch = this.fb.group( controls: {  
51     "csnumber": new FormControl(),  
52     "cscallingname": new FormControl(),  
53     "csgender": new FormControl(),  
54     "csdesignation": new FormControl(),  
55     "csname": new FormControl(),  
56     "csmodi": new FormControl(),  
57   } );  
58  
59   this.ssearch = this.fb.group( controls: {  
60     "ssnumber": new FormControl(),  
61     "ssfullname": new FormControl(),  
62     "ssgender": new FormControl(),  
63     "ssdesignation": new FormControl(),  
64     "ssnic": new FormControl()  
65   } );  
66  
67 }
```

3. Implement Search Form (Data Lists will be automatically bind by the Angular framework)

Employee Search

Gender

Designation

Search

Clear Search

Gender

Male

Not Selected

Male

Female

Other

Designation

Not Selected

Demonstrator L1

Assistant G1

Assistant G2

Demonstrtaor L2

Demonstrator L3

5-Delete > src > app > view > modules > employee > employee.component.html

Project

5-Delete [Client-App] F:\Projects\Earth-University-Colle

angular

idea

node_modules library root

src

app

entity

service

util

dialog

ui

ui.assist.ts

view

configuration

dashboard

home

login

mainwindow

modules

course

employee

employee.component.css

employee.component.html

employee.components.ts

user

app.component.css

app.component.html

```
1 <mat-grid-list [cols]="12" [rowHeight]="4rem">
2
3 <mat-grid-tile [colspan]="4" [rowspan]="10">
4   <mat-card>
5     <mat-card-header>
6       <mat-card-title>Employee Detail</mat-card-title>
7     </mat-card-header>
8     <mat-card-content> </mat-card-content>
9   </mat-card>
10 </mat-grid-tile>
11
12 <mat-grid-tile [colspan]="8" [rowspan]="4">
13   <mat-card>
14     <mat-card-header>
15       <mat-card-title>Employee Search</mat-card-title>
16     </mat-card-header>
17     <mat-card-content> </mat-card-content>
18   </mat-card>
19 </mat-grid-tile>
20
21 <mat-grid-tile [colspan]="8" [rowspan]="6">
22   <mat-card>
23     <mat-card-header>
24       <mat-card-title>Employee Table</mat-card-title>
```



```

12
13 <mat-grid-tile [colspan]="8" [rowspan]="4">
14   <mat-card id="ssearch">
15     <mat-card-header>
16       <mat-card-title>Employee Search</mat-card-title>
17     </mat-card-header>
18
19     <mat-card-content>
20
21       <mat-form [formGroup]="ssearch">
22
23         <mat-form-field appearance="outline">
24           <mat-label>Search by Number</mat-label>
25           <input matInput formControlName="ssnumber">
26         </mat-form-field>
27
28         <mat-form-field appearance="outline">
29           <mat-label>Search by Fullname</mat-label>
30           <input matInput formControlName="ssfullname">
31         </mat-form-field>
32
33         <mat-form-field appearance="outline">
34           <mat-label>Search by NIC</mat-label>
35           <input matInput formControlName="ssnic">
36         </mat-form-field>
37
38         <mat-form-field appearance="outline">
39           <mat-label>Gender</mat-label>
40           <mat-select formControlName="ssgender">
41             <mat-option [value]="null" selected>Not Selected</mat-option>
42             <mat-option *ngFor="let gender of genders" [value]="gender.id">{{gender.name}}</mat-option>
43           </mat-select>
44         </mat-form-field>
45
46         <mat-form-field appearance="outline">
47           <mat-label>Designation</mat-label>
48           <mat-select formControlName="ssdesignation">
49             <mat-option [value]="null" selected>Not Selected</mat-option>
50             <mat-option *ngFor="let designation of designations" [value]="designation.id">{{designation.name}}</mat-option>
51           </mat-select>
52         </mat-form-field>
53
54         <div>
55           <button mat-raised-button color="primary"><mat-icon>search</mat-icon> Search </button>
56           <button mat-raised-button color="primary"><mat-icon>reorder</mat-icon> Clear Search </button>
57         </div>
58
59       </mat-form>
60
61     </mat-card-content>
62
63   </mat-card>
64 </mat-grid-tile>

```

CSS Modifications

```

1  employee.component.css
2  mat-card { width: 100%; height: 100%; margin: 10px 10px -10px 10px ; }
3
4  mat-card-content { overflow: auto; height: 100%; }
5
6  mat-card-header { background: #c0d9c3; }
7
8  #loading img{ width: 30px; height: 25px; margin-left: 200px;}
9
10 .csearch{ height: 40px; width: 100%; margin-top: 5px; }
11
12 #ssearch mat-card-content{ padding-top: 30px; }
13
14 #ssearch mat-form-field { padding-left: 15px; width: 200px; }
15
16 #ssearch button{ width: 195px; margin-left: 10px; margin-top: 5px; background-color: #435f3b; }

```

4. Event Handling with Search Button

- (a) Declaring the Function and show values from the Search Form
- (b) Registering the Function with the Button and Test the Query String as a Console output
- (c) Updating data from the Server via Service Call of the Employee Service

(a) Declaring the Function and show values from the Search Form

```
employee.component.ts
138
139 btnSearchMc(): void {
140
141     const sserchdata = this.ssearch.getRawValue();
142
143     let number = sserchdata.ssnumber;
144     let fullname = sserchdata.ssfullname;
145     let nic = sserchdata.ssnic;
146     let genderid = sserchdata.ssgender;
147     let designationid = sserchdata.ssdesignation;
148
149     let query="";
150
151     if(number!=null && number.trim()!="") query=query+"&number="+number;
152     if(fullname!=null && fullname.trim()!="") query=query+"&fullname="+fullname;
153     if(nic!=null && nic.trim()!="") query=query+"&nic="+nic;
154     if(genderid!=null) query=query+"&genderid="+genderid;
155     if(designationid!=null) query=query+"&designationid="+designationid;
156
157     if(query!="") query = query.replace( searchValue: /&./, replaceValue: "?")
158
159     console.log(query);
160
161
162 }
```

(b) Registering the Function with the Button and Test the Query String as a Console output

```
employee.component.html
51
52 <div>
53     <button mat-raised-button color="primary" (click)="btnSearchMc()"><mat-icon>search</mat-icon> Search </button>
54     <button mat-raised-button color="primary"><mat-icon>reorder</mat-icon> Clear Search </button>
55 </div>
```

The sequence of screenshots shows the following steps:

- Step 1:** Search by Number: 2201
- Step 2:** Search by Number: 2201, Search by Fullname: asha
- Step 3:** Search by Number: 2201, Search by Fullname: asha, Search by NIC: 2001
- Step 4:** Search by Number: 2201, Search by Fullname: asha, Search by NIC: 2001, Gender: Male
- Step 5:** Search by Number: 2201, Search by Fullname: asha, Search by NIC: 2001, Gender: Male, Designation: Demonstrator L2

The browser console shows the resulting query strings:

| Query String | Source |
|--|---------------------------|
| ?number=2201 | employee.component.ts:152 |
| ?number=2201&fullname=asha | employee.component.ts:152 |
| ?number=2201&fullname=asha&nic=2001 | employee.component.ts:152 |
| ?number=2201&fullname=asha&nic=2001&genderid=1 | employee.component.ts:152 |
| ?number=2201&fullname=asha&nic=2001&genderid=1&designationid=4 | employee.component.ts:152 |

(c) Updating data from the Server via Service Call of the Employee Service

(i) Modify Employee Service


```
5-Delete | src | app | service | employeeservice.ts | Angular CLI Server | Git
Project | node_modules | library root | 1 | import {Employee} from "../entity/employee";
| src | 2 | import {Injectable} from "@angular/core";
| app | 3 | import {HttpClient} from "@angular/common/http";
| entity | 4 |
| service | 5 | @Injectable({
| AuthenticateService.ts | 6 |   providedIn: 'root'
| designationservice.ts | 7 | })
| employeeservice.ts | 8 |
| genderservice.ts | 9 | export class EmployeeService {
| util | 10 |
| view | 11 |   constructor(private http: HttpClient) { }
| configuration | 12 |
| dashboard | 13 |   async getAll(): Promise<Array<Employee>> {
| home | 14 |
| login | 15 |     const employees = await this.http.get<Array<Employee>>(url: 'http://localhost:8080/employees').toPromise();
| mainwindow | 16 |     if(employees == undefined){
| modules | 17 |       return [];
| course | 18 |     }
| employee | 19 |     return employees;
| user | 20 |   }
| app.component.css | 21 |
| app.component.html |
| app.component.spect.ts |
| app.component.ts |
| app.module.ts |
| app-routing.module.ts |
| assets |
```

```
async getAll(query:string): Promise<Array<Employee>> {
const employees = await this.http.get<Array<Employee>>(url: 'http://localhost:8080/employees'+query).toPromise();
if(employees == undefined){
  return [];
}
return employees;
}
```

(ii) Modify loadTable(), createView() functions to reflect the changes in “getAll()” in employeeservice

```
employee.component.ts
82
83 | createView() {
84 |   this.imageUrl = 'assets/pending.gif';
85 |   this.loadTable( query: "");
86 | }
87
88 | createSearch(){ }
89
90 | createForm(){ }
91
92 | loadForm(){ }
93
94
95 | loadTable(query:string) {
96 |
97 |   this.es.getAll(query) Promise<Employee[]>
98 |   .then((emps: Employee[]) => {
99 |     this.employees = emps;
100 |     this.imageUrl = 'assets/fullfilled.png';
101 |   }) Promise<void>
102 |   .catch((error) => {
103 |     console.log(error);
104 |     this.imageUrl = 'assets/rejected.png';
105 |   }) Promise<void>
106 |   .finally( onfinally: () => {
107 |     this.data = new MatTableDataSource(this.employees);
108 |     this.data.paginator = this.paginator;
109 |   });
110
111 | }
```

Re run the project ad test Employee Table for loaded Data ← Regression Testing

| Employee Table  | | | | | |
|--|--|--|--|--|--|
| Number | Calling Name | Gender | Designation | Full Name | Modification |
| <input type="text" value="Search by ..."/> | <input type="text" value="Search by ..."/> | <input type="text" value="Search by ..."/> | <input type="text" value="Search by ..."/> | <input type="text" value="Search by ..."/> | <input type="text" value="Search by ..."/> |
| 2201 | Ashan | Male | Demonstrator L1 | Ashan Pathum | 2201(Ashan) |
| 2202 | Rukmal | Male | Demonstrator L1 | Dileesha Rukmal | 2202(Rukmal) |
| 2203 | Imran | Male | Demonstrator L1 | Thahir Imran | 2203(Imran) |
| Items per page: <input type="text" value="3"/> 1 – 3 of 6 < > | | | | | |

(iii) Modify btnSerchMc() function as follows

console.log(query) → this.loadTable(query);

```
139 btnSearchMc(): void {
140
141     const sserchdata = this.ssearch.getRawValue();
142
143     let number = sserchdata.ssnumber;
144     let fullname = sserchdata.ssfullname;
145     let nic = sserchdata.ssnic;
146     let genderid = sserchdata.ssgender;
147     let designationid = sserchdata.ssdesignation;
148
149     let query="";
150
151     if(number!=null && number.trim()!="") query=query+"&number="+number;
152     if(fullname!=null && fullname.trim()!="") query=query+"&fullname="+fullname;
153     if(nic!=null && nic.trim()!="") query=query+"&nic="+nic;
154     if(genderid!=null) query=query+"&genderid="+genderid;
155     if(designationid!=null) query=query+"&designationid="+designationid;
156
157     if(query!="") query = query.replace( searchValue: /\^./, replaceValue: "?")
158
159     this.loadTable(query);
160
161
162 }
```

(iv) Test – All possible Tests

You do not need to test the following. You can test based on your own data

Employee Search

Employee Table



| | | | | | |
|------|---------|--------|-----------------|-----------------|----------------|
| 2201 | Ashan | Male | Demonstrator L1 | Ashan Pathum | 2201(Ashan) |
| 2202 | Rukmal | Male | Demonstrator L1 | Dileesha Rukmal | 2202(Rukmal) |
| 2203 | Imran | Male | Demonstrator L1 | Thahir Imran | 2203(Imran) |
| 2301 | Lakshan | Male | Demonstrator L1 | Lakshan Ruwinda | 2301(Lakshan) |
| 2302 | Arshad | Male | Demonstrator L1 | Arshad Ahamad | 2302(Arshad) |
| 2303 | Imasha | Female | Demonstrator L1 | Imasha Gaupadi | 2303(Imasha) |

Items per page:

10

1 - 6 of 6



All Demonstrators in the Search

Employee Search

Search by Fullname

Employee Table



| | | | | | |
|------|---------|--------|-----------------|-----------------|----------------|
| 2201 | Ashan | Male | Demonstrator L1 | Ashan Pathum | 2201(Ashan) |
| 2202 | Rukmal | Male | Demonstrator L1 | Dileesha Rukmal | 2202(Rukmal) |
| 2301 | Lakshan | Male | Demonstrator L1 | Lakshan Ruwinda | 2301(Lakshan) |
| 2302 | Arshad | Male | Demonstrator L1 | Arshad Ahamad | 2302(Arshad) |
| 2303 | Imasha | Female | Demonstrator L1 | Imasha Gaupadi | 2303(Imasha) |

Items per page:

10

1 - 5 of 5



Except Thahir Imran ← No "sha" in the name

Employee Search

Search by Number

Search by Fullname
sha

Search by NIC

Gender
Male

Designation

Search

Clear Search

Employee Table

Search by...

Search by...

Search by...

Search by...

Search by...

Search by...

| | | | | | |
|------|---------|------|-----------------|-----------------|----------------|
| 2201 | Ashan | Male | Demonstrator L1 | Ashan Pathum | 2201(Ashan) |
| 2202 | Rukmal | Male | Demonstrator L1 | Dileesha Rukmal | 2202(Rukmal) |
| 2301 | Lakshan | Male | Demonstrator L1 | Lakshan Ruwinda | 2301(Lakshan) |
| 2302 | Arshad | Male | Demonstrator L1 | Arshad Ahamad | 2302(Arshad) |

Items per page: 10 1 - 4 of 4

Imasha Removed ← She is Female

Employee Search

Search by Number

Search by Fullname
shan

Search by NIC

Gender
Male

Designation

Search

Clear Search

Employee Table

Search by ...

Search by ...

Search by ...

Search by ...

Search by ...

Search by ...

| Number | Calling Name | Gender | Designation | Full Name | Modification |
|--------|--------------|--------|-----------------|-----------------|----------------|
| 2201 | Ashan | Male | Demonstrator L1 | Ashan Pathum | 2201(Ashan) |
| 2301 | Lakshan | Male | Demonstrator L1 | Lakshan Ruwinda | 2301(Lakshan) |

Items per page: 10 1 - 2 of 2

Arshad Removed ← Arshad contin “sha” but not “shan”

Employee Search

Search by Number

Search by Fullname

Search by NIC

Gender
Male

Designation

Search

Clear Search

Employee Table

| Number | Calling Name | Gender | Designation | Full Name | Modification |
|---------------|---------------|---------------|-----------------|---------------|---------------|
| Search by ... | Search by ... | Search by ... | Search by ... | Search by ... | Search by ... |
| 2201 | Ashan | Male | Demonstrator L1 | Ashan Pathum | 2201(Ashan) |

Items per page: 10
1 - 1 of 1

Lakshan Removed ← 2201 only match with Ashan

Clear Search Facility

- Define the “btnSearchClearMc()” event handling function
- Register the function with the Button
- Test

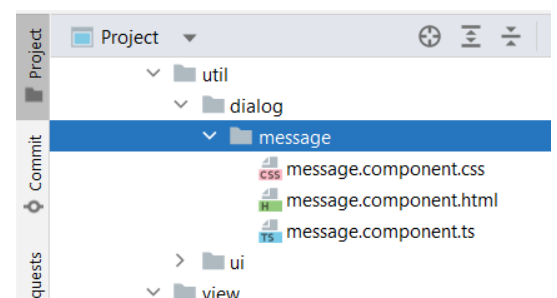
```
btnSearchClearMc(): void {
  this.ssearch.reset();
  this.loadTable( query: "");
}
```

```
<div>
<button mat-raised-button color="primary" (click)="btnSearchMc()"><mat-icon>search</mat-icon> Search </button>
<button mat-raised-button color="primary" (click)="btnSearchClearMc()"><mat-icon>reorder</mat-icon> Clear Search </button>
</div>
```



Exercise:

Review the codes in “login.ts” to revise how to use Dialog Boxes
Implement new Dialog Component for Confirm Dialog

Get User Consent, before clearing the form
By modifying “btnSearchClearMc()”



Employee Search

| | | |
|--|----------------------------|--|
| Search by Number | Search by Fullname shan | Search by NIC |
| Gender Male | Designation | |
|  Search | |  Clear Search |



Employee Table



| Number | Calling Name | Gender | Designation | Full Name | Modification |
|----------------------------------|---------------|---------------|-----------------|-----------------|----------------|
| Search by ... | Search by ... | Search by ... | Search by ... | Search by ... | Search by ... |
| 2201 | Ashan | Male | Demonstrator L1 | Ashan Pathum | 2201(Ashan) |
| 2301 | Lakshan | Male | Demonstrator L1 | Lakshan Ruwinda | 2301(Lakshan) |
| Items per page: 3 1 - 2 of 2 < > | | | | | |

When Click on “Clear Search”

Employee Search

| | | |
|--|--------------------|--|
| Search by Number | Search by Fullname | Search by NIC |
| Gender | Designation | |
|  Search | |  Clear Search |

Employee Table



| Number | Calling Name | Gender | Designation | Full Name | Modification |
|----------------------------------|---------------|---------------|-----------------|-----------------|---------------|
| Search by ... | Search by ... | Search by ... | Search by ... | Search by ... | Search by ... |
| 2201 | Ashan | Male | Demonstrator L1 | Ashan Pathum | 2201(Ashan) |
| 2202 | Rukmal | Male | Demonstrator L1 | Dileesha Rukmal | 2202(Rukmal) |
| 2203 | Imran | Male | Demonstrator L1 | Thahir Imran | 2203(Imran) |
| Items per page: 3 1 - 3 of 6 < > | | | | | |