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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)(ii)(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

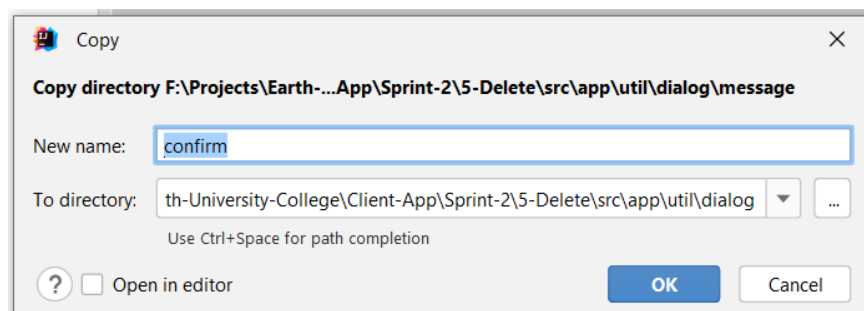
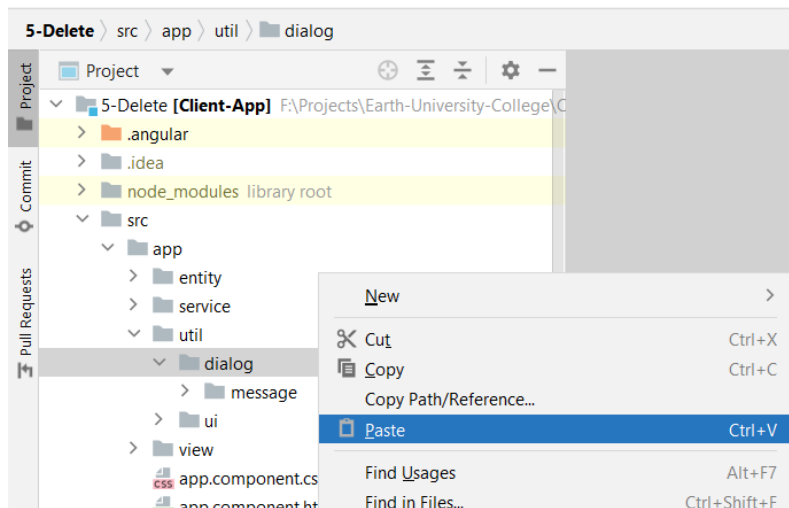
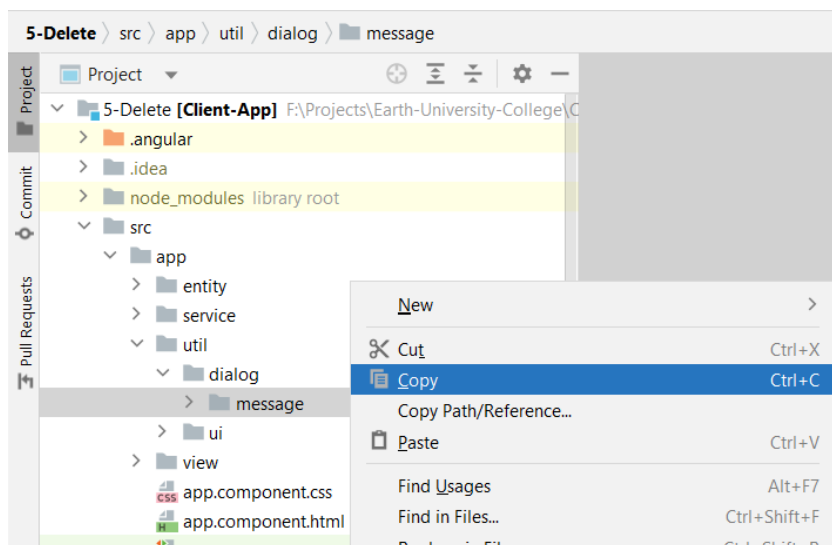
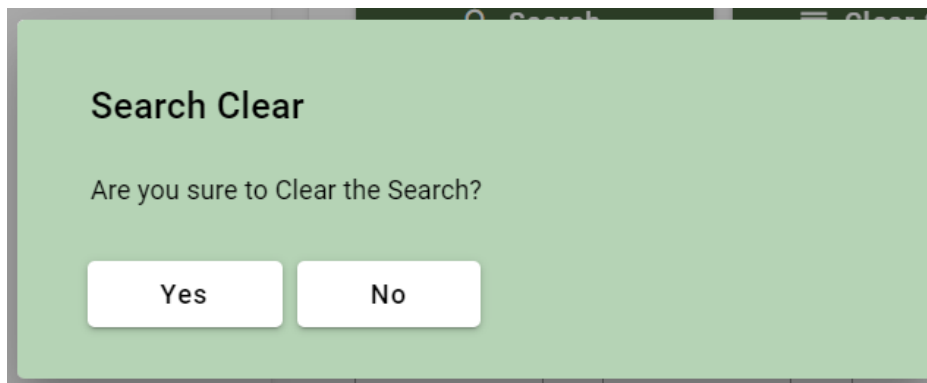
### 2(f) Employee Delete

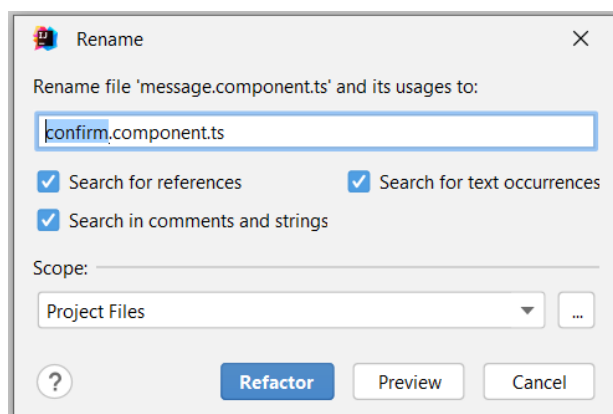
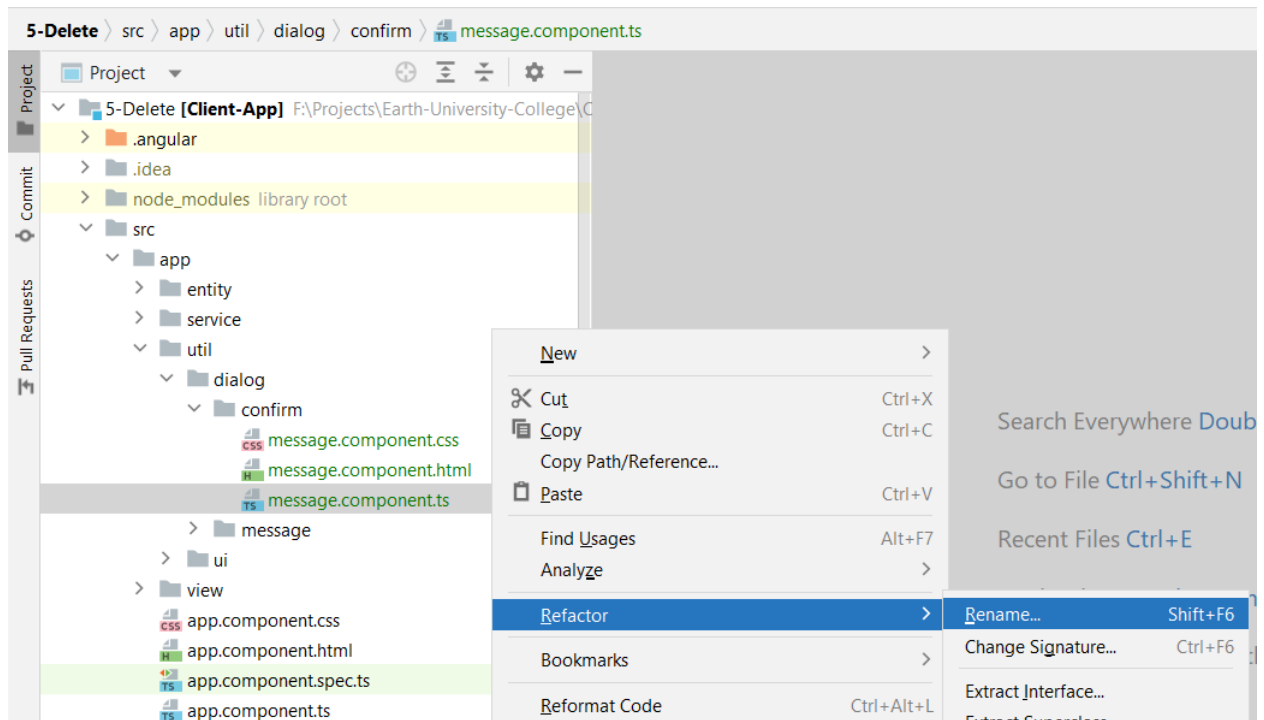
### 2(c) Employee Search

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) Implement new Dialog Component for Confirm Dialog

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

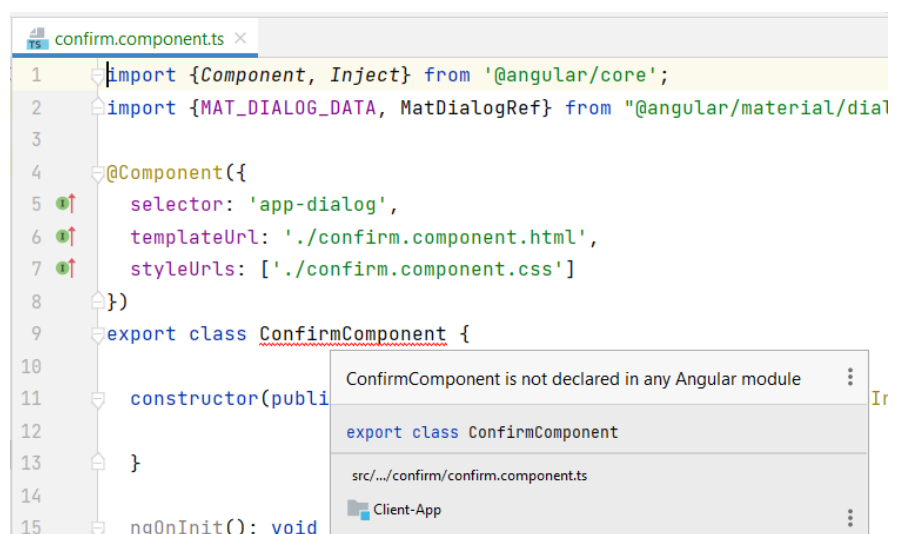


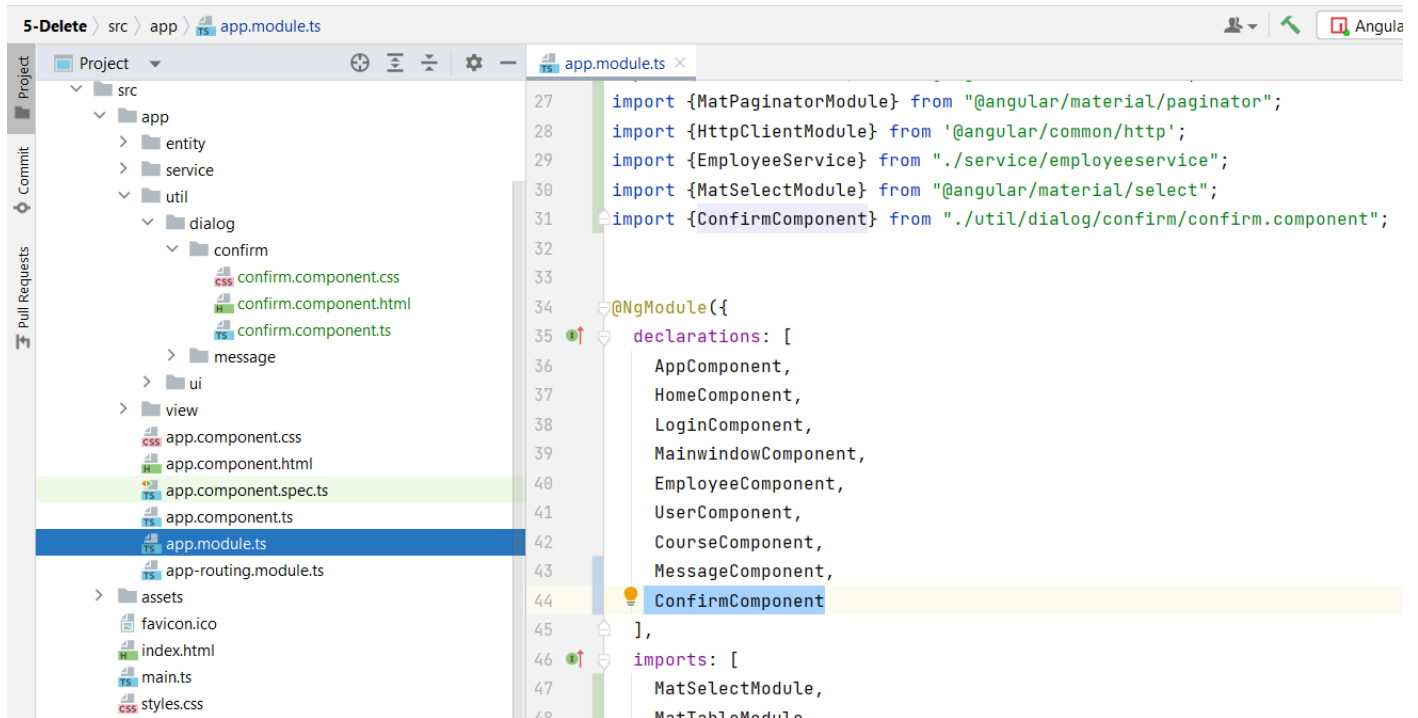


**Recognize the Error, when we declare a new Component, it must be declared in "app.module.ts" under declaration**

**Import Modules →  
Modules from Angular Core and Other  
Dependent Libraries**

**Declared Modules →  
Modules declared by the Developer**





## HTML - Add another button



## CSS - No changes



## TS – No Changes

```
confirm.component.ts
1 import {Component, Inject} from '@angular/core';
2 import {MAT_DIALOG_DATA, MatDialogRef} from "@angular/material/dialog";
3
4 @Component({
5   selector: 'app-dialog',
6   templateUrl: './confirm.component.html',
7   styleUrls: ['./confirm.component.css']
8 })
9 export class ConfirmComponent {
10
11   constructor(public dialogRef: MatDialogRef<ConfirmComponent>, @Inject(MAT_DIALOG_DATA) public data: any) {
12
13   }
14
15   ngOnInit(): void {
16     this.dialogRef.addPanelClass( classes: 'custom-dialog');
17   }
18
19   onNoClick(): void {
20     this.dialogRef.close();
21   }
22
23
24 }
```

(1) Implement new Dialog Component for Confirm Dialog

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

## Instruct the routing module to Inject MatDialog

```
employee.component.ts
45
46   constructor(
47     private es: EmployeeService,
48     private gs: GenderService,
49     private ds: DesignationService,
50     private fb: FormBuilder,
51     private dg: MatDialog ) {
52 }
```

```
employee.component.ts
173
174
175   btnSearchClearMc(): void {
176
177     const confirm = this.dg.open(ConfirmComponent, config: {
178       width: '500px',
179       data: {heading: "Search Clear", message: "Are you sure to Clear the Search?"}
180     });
181
182     confirm.afterClosed().subscribe( observerOrNext: async result => {
183       if(result){
184         this.ssearch.reset();
185         this.loadTable( query: "");
186       }
187     });
188
189   }
```

## Testing

### Employee Search

Search by Number

Search by Fullname  
sha

Search by NIC

Gender  
Female

Designation

Search

Clear Search

### Employee Table

Number	Calling Name	Gender	Designation	Full Name	Modification
2303	Imasha	Female	Demonstrator L1	Imasha Gaupadi	2303(Imasha )

Items per page: 3 1 – 1 of 1

Click on both “Yes” and “No”

“Yes” → Will load all details and Clear the Search Form

“No” → Will do nothing and Selection will not be changed

### Employee Detail

### Employee Search

Search by Number

Search by Fullname  
sha

Search by NIC

Gender  
Female

Designation

Search

Clear Search

### Employee Table

Number	Calling Name	Gender	Designation	Full Name	Modification
2303	Imasha	Female	Demonstrator L1	Imasha Gaupadi	2303(Imasha )

Items per page: 3 1 – 1 of 1

Search Clear

Are you sure to Clear the Search?

Yes

No