If you do not pay any relevent course fee to maintain Earth University BIT platform, Be ethical enough to contribute while you are using our Academic Contents

www.earth.lk/community 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 Quarries Needed

2. Server-App Modification

Implement Listing Services
Implement Searching Service

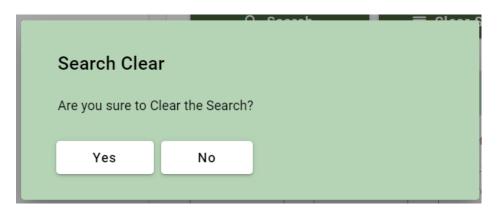
- (1) Using Controller Filtering
- (2) Using QBE/ Named Queries/ Native Queries

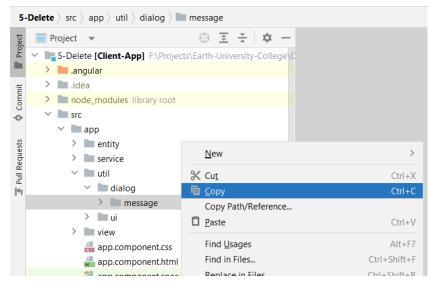
3. Client-App Modification

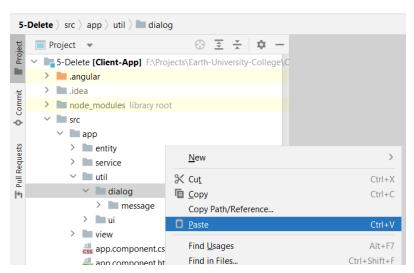
- 1. Implement Service Calls and Test
- 2. Create Search Form and Observe auto binding Combo Boxes
- 3. Implement Search Functionality
- 4. Implement Search-Clear Functionality
- 5. Create Confirm Dialog and integrate with Search Clear Confirmation

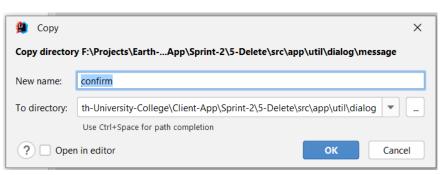
(1) Implement new Dialog Component for Confirm Dialog

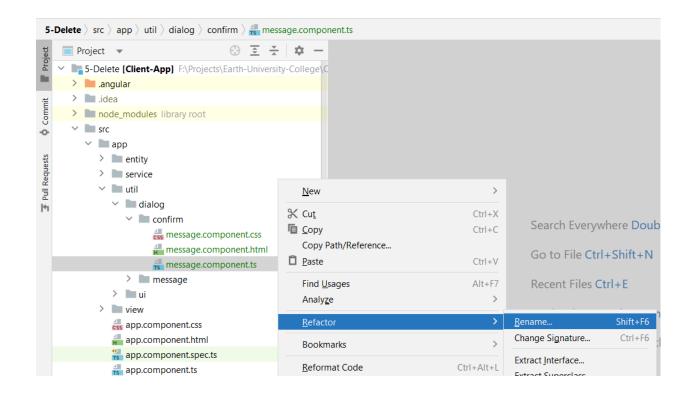
(2) Get User Consent, before clearing the form By modifying "btnSearchClearMc()"

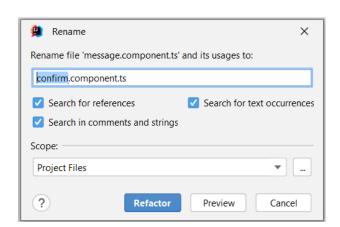












Recognize the Error, when we declare a new Component, it must be declared in "app.module.ts" under declaration

Import Modules →
Modules from Angular Core and Other
Dependent Libraries

Declared Modules →
Modules declared by the Developer

```
confirm.component.ts ×
       import {Component, Inject} from '@angular/core';
       import {MAT_DIALOG_DATA, MatDialogRef} from "@angular/material/dial
3
4
       @Component({
5
         selector: 'app-dialog',
6
         templateUrl: './confirm.component.html',
7 1
         styleUrls: ['./confirm.component.css']
8
9
       export class ConfirmComponent {
                              ConfirmComponent is not declared in any Angular module
                                                                             :
         constructor(publi
                              export class ConfirmComponent
         }
                              src/.../confirm/confirm.component.ts
                              Client-App
                                                                             :
         ngOnInit(): void
```

```
5-Delete \rangle src \rangle app \rangle app.module.ts
                                                                                                                            ♣ - Angula
                                  Project
Project
        src
                                                             import {MatPaginatorModule} from "@angular/material/paginator";
        V 🖿 app
                                                             import {HttpClientModule} from '@angular/common/http';
          > entity
Commit
                                                             import {EmployeeService} from "./service/employeeservice";
          > service
                                                             import {MatSelectModule} from "@angular/material/select";

✓ III util.

                                                             import {ConfirmComponent} from "./util/dialog/confirm/confirm.component";

✓ ■ dialog
Pull Requests

✓ Image: ✓ confirm

                    as confirm.component.css
                    aconfirm.component.html
                                                             @NgModule({
                    aconfirm.component.ts
                                                     35 •
                                                                declarations: [
                > message
                                                                  AppComponent,
             > 🗎 ui
                                                                  HomeComponent,
           > view
                                                                  LoginComponent,
             app.component.css
                                                                  MainwindowComponent,
             app.component.html
                                                                  EmployeeComponent,
             app.component.spec.ts
                                                                  UserComponent,
             app.component.ts
             app.module.ts
                                                                  CourseComponent,
             app-routing.module.ts
                                                                  MessageComponent,
        > assets
                                                               ConfirmComponent
           favicon.ico
                                                               1,
           index.html
                                                     46 1
                                                                imports: [
           amain.ts
                                                                  MatSelectModule,
           astyles.css
                                                                  MatTahla Madula
```

HTML - Add another button

```
aconfirm.component.html ×
1
      <mat-card>
        <mat-card-title>{{data.heading}}</mat-card-title>
2
        <mat-card-content>{{data.message}}</mat-card-content>
3
        <mat-dialog-actions>
4
5
          <button mat-raised-button [mat-dialog-close]="true"> Yes </button>
6
          <button mat-raised-button [mat-dialog-close]="false"> No </button>
        </mat-dialog-actions>
      </mat-card>
8
```

CSS - No changes

```
ass confirm.component.css
       mat-card {
 2
         padding: 20px;
3
         background: #b5d3b5;
5
       mat-card-title {
6
7
         padding: 10px 20px 10px 20px;
8
       |mat-card-content {
         padding: 10px 20px 20px 20px;
       1
       button {
         margin-left: 10px;
         padding: 5px 40px 5px 40px !important;
       }
17
```

TS - No Changes

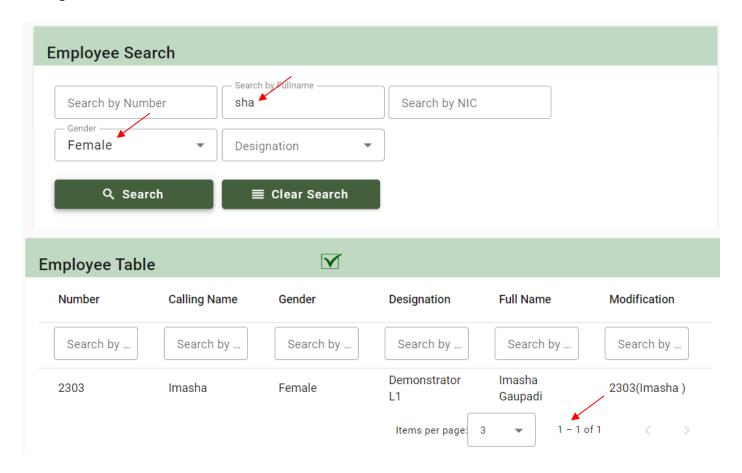
```
aconfirm.component.ts
      import {Component, Inject} from '@angular/core';
       import {MAT_DIALOG_DATA, MatDialogRef} from "@angular/material/dialog";
      @Component({
5 1
       selector: 'app-dialog',
6 1
       templateUrl: './confirm.component.html',
7
        styleUrls: ['./confirm.component.css']
8
      })
      export class ConfirmComponent {
        constructor(public dialogRef: MatDialogRef<ConfirmComponent>, @Inject(MAT_DIALOG_DATA) public data: any) {
        ngOnInit(): void {
          this.dialogRef.addPanelClass( classes: 'custom-dialog');
16
19
        onNoClick(): void {
          this.dialogRef.close();
```

- (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 ×
174
        btnSearchClearMc(): void {
175
176
             const confirm = this.dg.open(ConfirmComponent, config: {
177
178
179
               data: {heading: "Search Clear", message: "Are you sure to Clear the Search?"}
             });
             confirm.afterClosed().subscribe( observerOrNext: async result => {
               if(result){
                 this.ssearch.reset();
                 this.loadTable( query: "");
              }
            });
```

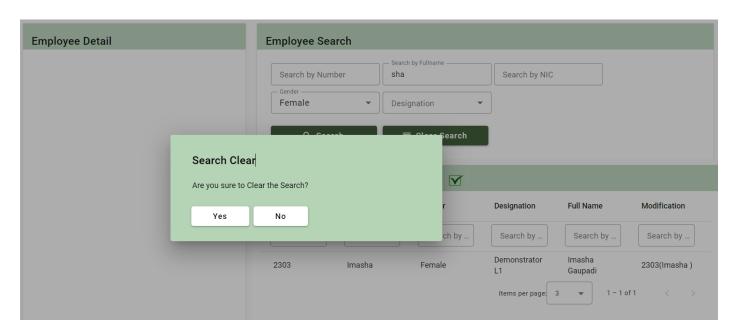
Testing



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



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