Assignment – 3B

- **dashboard.component.spec.ts**

```
import { ComponentFixture, TestBed } from '@angular/core/testing';
import { DashboardComponent } from './dashboard.component';
describe('DashboardComponent', () => {
  let component: DashboardComponent;
  let fixture: ComponentFixture<DashboardComponent>;
  beforeEach(async () => {
    await TestBed.configureTestingModule({
      declarations: [ DashboardComponent ]
    })
    .compileComponents();
  });
  beforeEach(() => {
    fixture = TestBed.createComponent(DashboardComponent);
    component = fixture.componentInstance;
    fixture.detectChanges();
  });
  it('should create', () => {
    expect(component).toBeTruthy();
  });
});
```

- **dashboard.component.ts**

```
import { Component, OnInit } from '@angular/core';
import { Router } from '@angular/router';
import { CommonService } from 'src/app/common.service';
@Component({
  selector: 'app-dashboard',
  templateUrl: './dashboard.component.html',
  styleUrls: ['./dashboard.component.css']
})
export class DashboardComponent implements OnInit {
  userList: any = []
  constructor(private commServ:CommonService, private router: Router) { }

  ngOnInit(): void {
    this.userList = [localStorage.getItem("name"), localStorage.getItem("email")] ;
    console.log(this.userList);
  }
  logout(){
    localStorage.clear() ;
    this.router.navigate(['login']) ;
  }
}
```

- **employee.component.spec.ts**

```
import { ComponentFixture, TestBed } from '@angular/core/testing';
import { EmployeeComponent } from './employee.component';
describe('EmployeeComponent', () => {
  let component: EmployeeComponent;
  let fixture: ComponentFixture<EmployeeComponent>;
 beforeEach(async () => {
    await TestBed.configureTestingModule({
      declarations: [ EmployeeComponent ]
    })
    .compileComponents();
  });
 beforeEach(() => {
    fixture = TestBed.createComponent(EmployeeComponent);
    component = fixture.componentInstance;
    fixture.detectChanges();
  });
 it('should create', () => {
    expect(component).toBeTruthy();
  });
});
```

- **employee.component.ts**

```
import { Component, OnInit } from '@angular/core';
import { NgForm } from '@angular/forms';
import { EmployeeService } from '../../shared/employee.service';
import { Employee } from '../../shared/employee.model' ;
// import { map } from 'rxjs/operators';
declare var M: any;

@Component({
  selector: 'app-employee',
  templateUrl: './employee.component.html',
  styleUrls: ['./employee.component.css'],
  providers: [EmployeeService]
})
export class EmployeeComponent implements OnInit {
 constructor(public employeeService: EmployeeService) { }
ngOnInit() {
    this.resetForm();
    this.refreshEmployeeList();
  }
```

```
resetForm(form?: NgForm) {
  if (form)
    form.reset();
  this.employeeService.selectedEmployee = {
    _id: "",
    name: "",
    position: "",
    office: "",
    salary: null
  }
}
onSubmit(form: NgForm) {
  if (form.value._id == "") {
    this.employeeService.postEmployee(form.value).subscribe((res) => {
      this.resetForm(form);
      this.refreshEmployeeList();
      M.toast({ html: 'Saved successfully', classes: 'rounded' });
    });
  }
  else {
    this.employeeService.putEmployee(form.value).subscribe((res) => {
      this.resetForm(form);
      this.refreshEmployeeList();
      M.toast({ html: 'Updated successfully', classes: 'rounded' });
    });
  }
}

refreshEmployeeList() {
  this.employeeService.getEmployeeList().subscribe((res) => {
    this.employeeService.employees = res as Employee[];
  });
}

onEdit(emp: Employee) {
  this.employeeService.selectedEmployee = emp;
}

onDelete(_id: string, form: NgForm) {
  if (confirm('Are you sure to delete this record ?') == true) {
    this.employeeService.deleteEmployee(_id).subscribe((res) => {
      this.refreshEmployeeList();
      this.resetForm(form);
      M.toast({ html: 'Deleted successfully', classes: 'rounded' });
```

```
    });
   }
  }
}
```

- **login.component.spec.ts**

```
import { ComponentFixture, TestBed } from '@angular/core/testing';
import { LoginComponent } from './login.component';
describe('LoginComponent', () => {
  let component: LoginComponent;
  let fixture: ComponentFixture<LoginComponent>;
  beforeEach(async () => {
    await TestBed.configureTestingModule({
      declarations: [ LoginComponent ]
    })
    .compileComponents();
  });
   beforeEach(() => {
    fixture = TestBed.createComponent(LoginComponent);
    component = fixture.componentInstance;
    fixture.detectChanges();
  });
 it('should create', () => {
    expect(component).toBeTruthy();
  });
});
```

- **login.component.ts**

```
import { Component, OnInit } from '@angular/core';
import { FormBuilder, FormGroup, Validators } from '@angular/forms';
import { Router } from '@angular/router';
import { CommonService } from 'src/app/common.service';

@Component({
  selector: 'app-login',
  templateUrl: './login.component.html',
  styleUrls: ['./login.component.css'],
})
export class LoginComponent implements OnInit {
  login: any = FormGroup;
  users:any = [] ;
```

```
  constructor(private fb: FormBuilder, private router: Router, private commserv:
CommonService) {}
 ngOnInit(): void {
   this.login = this.fb.group({
     name: ['', Validators.required],
     email: ['', Validators.compose([Validators.required, Validators.email])],
   });
 this.commserv.getUser().subscribe((data:any)=>{
     this.users = data ;

   })
  } loginSubmit(data:any){
   let flag = 1 ;
   console.log(data)
   if(data.name){
     this.users.forEach((item:any) => {
       if(item.name === data.name && item.email === data.email){
         localStorage.setItem("isLoggedIn","true");
         localStorage.setItem("name",data.name);
         localStorage.setItem("email",data.email);
         flag = 1 ;
         this.router.navigate(['home']);

       }
       else{
         localStorage.clear();
         flag = 0 ;
       }
        });
   }
   if(flag === 0){
     alert("Invalid") ;
   }
  }
  gotoSignup() {
   this.router.navigate(['register']);
  }
}
```

- **register.component.spec.ts**

```
import { ComponentFixture, TestBed } from '@angular/core/testing';
import { RegisterComponent } from './register.component';
describe('RegisterComponent', () => {
  let component: RegisterComponent;
  let fixture: ComponentFixture<RegisterComponent>;
  beforeEach(async () => {
    await TestBed.configureTestingModule({
      declarations: [ RegisterComponent ]
    })
    .compileComponents();
  });
  beforeEach(() => {
    fixture = TestBed.createComponent(RegisterComponent);
    component = fixture.componentInstance;
    fixture.detectChanges();
  });
it('should create', () => {
    expect(component).toBeTruthy();
  });
});
```

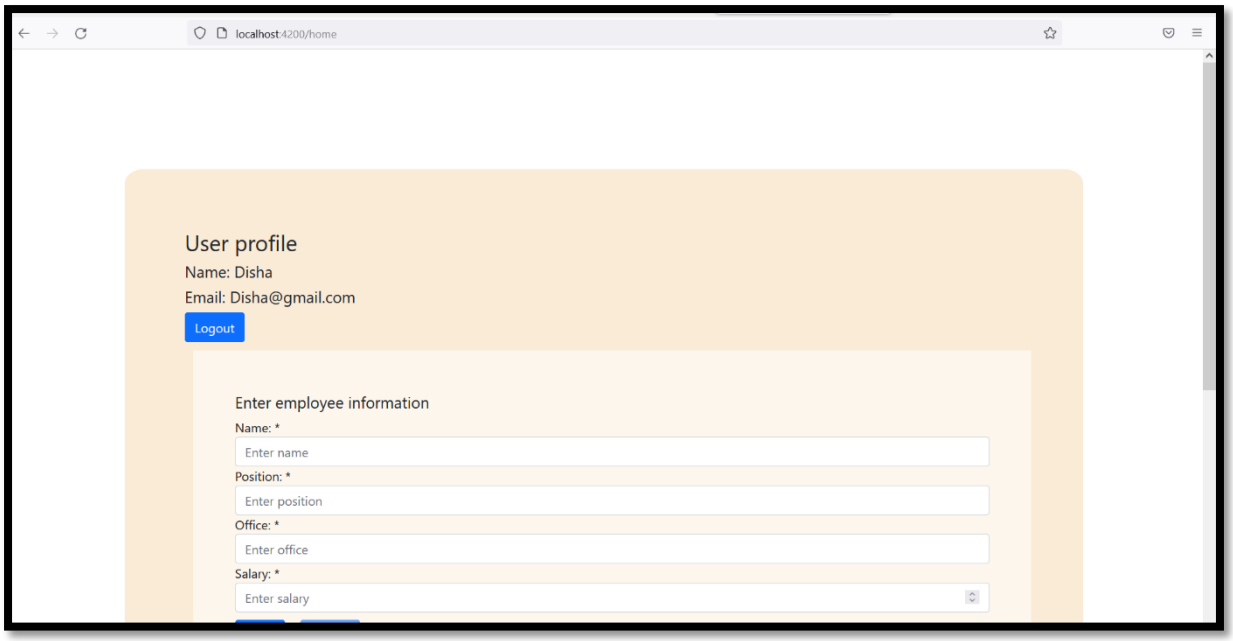
- **register.component.ts**

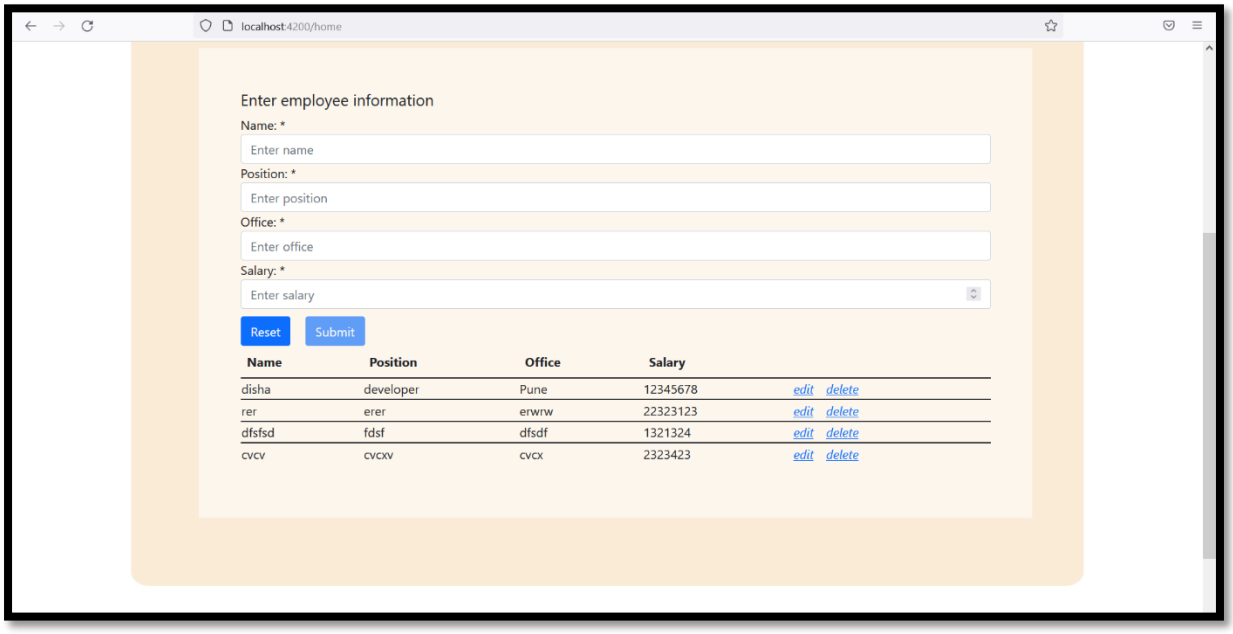
```
import { Component, OnInit } from '@angular/core';
import { FormBuilder, FormGroup, Validators } from '@angular/forms';
import { Router } from '@angular/router';
import { CommonService } from 'src/app/common.service';

@Component({
  selector: 'app-register',
  templateUrl: './register.component.html',
  styleUrls: ['./register.component.css']
})
export class RegisterComponent implements OnInit {
register: any = FormGroup;
  id: any = Math.floor(Math.random()) ;
  constructor(private fb: FormBuilder, private router: Router, private
commServ:CommonService) {}
ngOnInit(): void {
    this.register = this.fb.group({
```

```
      name: ['', Validators.required],
      email: ['', Validators.compose([Validators.required, Validators.email])],
    });
  }
registerSubmit(data: any) {
    console.log(data);
    let dataToPass = {
      name: data.name, email:data.email ,
      id:this.id++
    }
  this.commServ.addUser(dataToPass).subscribe((data:any)=>{
      console.log(data);
      alert("User registered")
    })
  }
gotoLogin() {
    this.router.navigate(['']);
  }
}
```

OUTPUT:


localhost:4200/home
User profile
Name: Disha
Email: Disha@gmail.com
Logout
Enter employee information
Name: *
Enter name
Position: *
Enter position
Office: *
Enter office
Salary: *
Enter salary


localhost:4200/home
Enter employee information
Name: *
Enter name
Position: *
Enter position
Office: *
Enter office
Salary: *
Enter salary
Reset
Submit
Name Position Office Salary
disha developer Pune 12345678 edit delete
rer erer erwrw 22323123 edit delete
dfsfsd fdsf dfsdf 1321324 edit delete
cvcv cvcxv cvcx 2323423 edit delete