

Exercise (Instructions): Single Page Applications Part 2

Objectives and Outcomes

In this exercise you will integrate the dishdetail component into your application. You will use a route parameter in the URL to pass in the details of the selected dish to the dishdetail component. At the end of this exercise you will be able to:

- Configure the routes in your router module to enable the use of route parameters within the URL to pass information to a component.

Updating Routes

- Open the routes.ts and add the following route to it:

```
1 { path: 'dishdetail/:id',    component: DishdetailComponent },  
2
```

- Open menu.component.html and update it as follows. Also remove the <app-dishdetail> from the template.

```
1 <md-grid-tile *ngFor="let dish of dishes" [routerLink]="['/dishdetail',  
2     dish.id]">
```

Updating DishDetail Component

- Open dishdetail.component.ts and update it as follows:

```

1  . . .
2  import { DishService } from '../services/dish.service';
3
4  import { Params, ActivatedRoute } from '@angular/router';
5  import { Location } from '@angular/common';
6
7  . . .
8
9  export class DishdetailComponent implements OnInit {
10
11    dish: Dish;
12
13    constructor(private dishservice: DishService,
14                private route: ActivatedRoute,
15                private location: Location) { }
16
17    ngOnInit() {
18        let id = +this.route.snapshot.params['id'];
19        this.dish = this.dishservice.getDish(id);
20    }
21
22    goBack(): void {
23        this.location.back();
24    }
25
26 }

```

- Then open dishdetail.component.html and update it as follows:

```

1  . . .
2
3      <md-card-actions>
4          <button md-button (click)="goBack()">BACK</button>
5          |
6      . . .
7

```

Update Footer Links

- Open footer.component.html and update the footer links also to provide the same navigation as the header toolbar.
- Save all the changes and do a Git commit with the message "Single Page Applications Part 2".

Conclusions

In this exercise you have seen the use of route parameters within the URL to pass information to another component.

