Exercise (Instructions): Angular Components Part 2

Objectives and Outcomes

In this exercise we will continue modifying the component template from the previous exercise. Instead of a list, we will use a grid list Angular material component to display the menu in a different way. Also we will use the Card component to display the details of a selected dish. At the end of this exercise you will be able to:

- Make use of the Angular material grid list component to display a list of items.

- Use the material Card component to display detailed information.

- Use a built-in Angular pipe to turn a word into uppercase in the template.

Updating the Menu Template

- Open *menu.component.html* and update its content as follows:

```
1  <div class="container"
2      fxLayout="column"
3      fxLayoutGap="10px">
4
5    <div fxFlex>
6      <div>
7        <h3>Menu</h3>
8        <hr>
9      </div>
10   </div>
11
12   <div fxFlex>
13     <md-grid-list cols="2" rowHeight="200px">
14       <md-grid-tile *ngFor="let dish of dishes">
15         <img height="200px" src={{dish.image}} alt={{dish.name}}>
16         <md-grid-tile-footer>
17           <h1 md-line>{{dish.name | uppercase}}</h1>
18         </md-grid-tile-footer>
19       </md-grid-tile>
20     </md-grid-list>
21   </div>
22
23 </div>
```

- Here we are using the Grid list Angular material component to display the information.

- Also, update the *menu.component.ts* file as follows to move the details of the dishes into a constant, in preparation for introducing services in a future exercise:

```
1   . . .
2
3   const DISHES: Dish[] = [
4   . . .
5
6   ];
7
8   . . .
9
10  export class MenuComponent implements OnInit {
11
12   dishes = DISHES;
13
14   selectedDish = DISHES[0];
15
16   . . .
17
18  }
```

Add a Card Component

- Update the menu.component.html template to display the details of a selected dish using the Material Card component as follows:

```
1   <div fxFlex *ngIf="selectedDish">
2     <md-card>
3       <md-card-header>
4         <md-card-title>
5           <h3>{{selectedDish.name | uppercase}}</h3>
6         </md-card-title>
7       </md-card-header>
8       <img md-card-image src={{selectedDish.image}} alt={{selectedDish.name}}>
9       <md-card-content>
10         <p>{{selectedDish.description}}
11         </p>
12       </md-card-content>
13       <md-card-actions>
14         <button md-button>LIKE</button>
15         <button md-button>SHARE</button>
16       </md-card-actions>
17     </md-card>
18   </div>
```

- Save the changes and do a Git commit with the message "Components Part 2".

Conclusions

In this exercise we used a grid list to display the information in the menu template. Also we used a card to display the details of a selected dish.

Mark as completed