Exercise (Instructions): Exploring Ionic Part 2

Objectives and Outcomes

In this exercise you will explore Ionic lists, tabs and Ionic grid and how we can use them in constructing templates. At the end of this exercise, you will be able to:

- Use Ionic lists to construct and display a list of items in your UI
- Use basic tab functionality together with Angular filter to filter and display information in your UI.
- Use the Ionic grid to display content in your UI.

Updating Controllers

- Open *controllers.js* and update the MenuController as follows and save the changes:

```
1          .controller('MenuController', ['$scope', 'menuFactory', 'baseURL',
              function($scope, menuFactory, baseURL) {
2
3              $scope.baseURL = baseURL;
```

- Then, update the DishDetailController as follows and save the changes:

```
1          .controller('DishDetailController', ['$scope', '$stateParams',
              'menuFactory', 'baseURL', function($scope, $stateParams, menuFactory,
              baseURL) {
2              $scope.baseURL = baseURL;
```

- Now open *app.js* file and introduce the two controllers that we updated above into the appropriate states:

```
 1      .state('app.menu', {
 2        url: '/menu',
 3        views: {
 4          'mainContent': {
 5            templateUrl: 'templates/menu.html',
 6            controller: 'MenuController'
 7          }
 8        }
 9      })
10
11      .state('app.dishdetails', {
12        url: '/menu/:id',
13        views: {
14          'mainContent': {
15            templateUrl: 'templates/dishdetail.html',
16            controller: 'DishDetailController'
17          }
18        }
19      });
```

Updating menu.html

- Next update the *menu.html* page as follows and save the changes:

```
 1      <ion-content>
 2        <ion-list>
 3          <ion-item ng-repeat="dish in dishes | filter:{category: filtText}" href="#
             /app/menu/{{dish.id}}" class="item-thumbnail-left">
 4            <img ng-src="{{baseURL+dish.image}}">
 5            <h2>{{dish.name}}
 6             <span style="font-size:75%">{{dish.price | currency}}</span>
 7            <span class="badge badge-assertive">{{dish.label}}</span></h2>
 8            <p>{{dish.description}}</p>
 9          </ion-item>
10        </ion-list>
11      </ion-content>
```

- Next we'll add some basic tabs into Ionic to help us filter the list of dishes in the menu. To do this, add the following code to the menu.html page just before the <ion-content> tag and save the changes:

```
 1      <div class="tabs-striped tabs-color-royal">
 2        <ul class="tabs">
 3          <li ng-class="{active:isSelected(1)}" class="tab-item">
 4              <a ng-click="select(1)">The Menu</a></li>
 5          <li ng-class="{active:isSelected(2)}" class="tab-item">
 6              <a ng-click="select(2)">Appetizers</a></li>
 7          <li ng-class="{active:isSelected(3)}" class="tab-item">
 8              <a ng-click="select(3)">Mains</a></li>
 9          <li ng-class="{active:isSelected(4)}" class="tab-item">
10              <a  ng-click="select(4)">Desserts</a></li>
11        </ul>
12      </div>
```

- You can check the resulting page in the browser.

Updating dishdetail.html

- Open *dishdetail.html* page and update the content as follows and save the changes:

```
1    <ion-view view-title="Dish Details">
2      <ion-content>
3        <div class="card">
4          <div class="item item-body item-text-wrap">
5            <img class="full-image" ng-src="{{baseURL+dish.image}}" alt
                ="Uthappizza">
6            <h2>{{dish.name}}
7             <span style="font-size:75%">{{dish.price | currency}}</span>
8             <span class="badge badge-assertive">{{dish.label}}</span></h2>
9             <p>{{dish.description}}</p>
10         </div>
11       </div>
12     </ion-content>
13   </ion-view>
14   |
```

- Next, we'll add the contents to the *dishdetail.html* page as follows below the card <div> and save the changes:

```
1          <div class="row">
2            <div class="col col-offset-10">
3              <h4>Customer Comments    
4                <small>Sort by:  
5                  <input type="text" ng-model="orderText">
6                </small></h4>
7              <ul class="list">
8                <li ng-repeat="comment in dish.comments | orderBy
                    :orderText">
9                  <blockquote>
10                   <p>{{comment.rating}} Stars</p>
11                   <p>{{comment.comment}}</p>
12                   <footer>{{comment.author}}, {{comment.date | date
                        :'MMM. dd, yyyy'}}</footer>
13                 </blockquote>
14               </li>
15             </ul>
16           </div>
17         </div>|
```

- Note the use of row and col classes above illustrating the use of Ionic grid.

- Save the changes and take a look at the update app.

Conclusions

In this exercise we explored the use of Ionic lists, tabs and the grid in formatting and displaying information in the UI of our app.

✓ Complete