Exercise (Instructions): Ionic Lists: Advanced Features Part 1

Objectives and Outcomes

In this exercise, you will explore some of the advanced features supported by Ionic lists. In particular you will see how the option buttons of Ionic lists can be used to initiate action upon the user swiping a list item and clicking the option button. At the end of this exercise, you will be able to:

- Configure an Ionic list to display option buttons when the user swipes a list item

- Initiate an action when the user touches on the option button.

Using Ionic List Option Buttons

- Open *menu.html* and update the Ionic list item as follows:

```html
    <ion-item ng-repeat="dish in dishes | filter:{category: filtText}" href="#/app/menu/{{dish.id}}" class="item-thumbnail-left">
      <img ng-src="{{baseURL+dish.image}}">
      <h2>{{dish.name}}</h2>
       <span style="font-size:75%">{{dish.price | currency}}</span>
      <span class="badge badge-assertive">{{dish.label}}</span></h2>
      <p>{{dish.description}}</p>
      <ion-option-button class="button-assertive icon ion-plus-circled"
         ng-click="addFavorite({{dish.id}})">
      </ion-option-button>
    </ion-item>
```

Updating MenuController

- Open controllers.js and update the MenuController declaration as follows:

```js
.controller('MenuController', ['$scope', 'menuFactory', 'favoriteFactory', 'baseURL', '$ionicListDelegate', function ($scope, menuFactory, favoriteFactory, baseURL, $ionicListDelegate) {
```

- Thereafter, add the following function to the MenuController:

```js
  $scope.addFavorite = function (index) {
```

```
        console.log("index is " + index);

        favoriteFactory.addToFavorites(index);

        $ionicListDelegate.closeOptionButtons();

    }
```

Adding favoriteFactory

*   Open services.js and add the favoriteFactory to it as follows:

```
.factory('favoriteFactory', ['$resource', 'baseURL', function ($resource, baseURL) {
    var favFac = {};
    var favorites = [];

    favFac.addToFavorites = function (index) {
        for (var i = 0; i < favorites.length; i++) {
            if (favorites[i].id == index)
                return;
        }
        favorites.push({id: index});
    };

    return favFac;
}])
```

*   Save and test the application.

Conclusions

In this exercise, you made use of the option buttons supported by Ionic lists to enable users to add menu items to their favorites.