

Ionic Lists: Advanced Features

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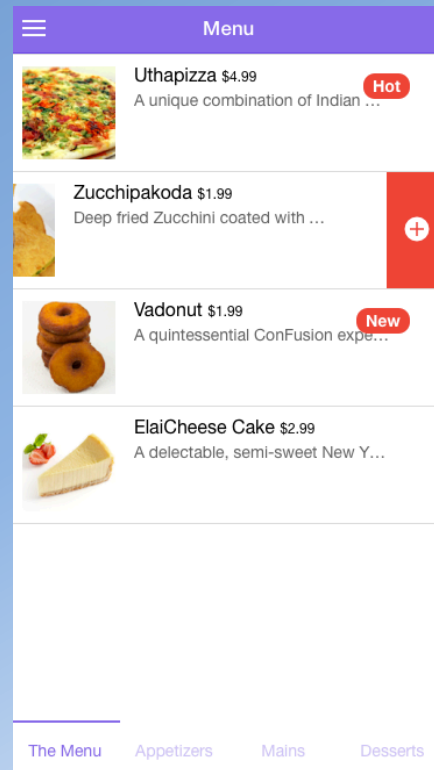
Ionic Lists

- Ionic provides enhanced lists with advanced features:
 - Delete Button
 - Reorder Button
 - Option Button
- Ionic provides special directives `ionList` and `ionItem` for supporting these features

Ionic Lists Option Button Example

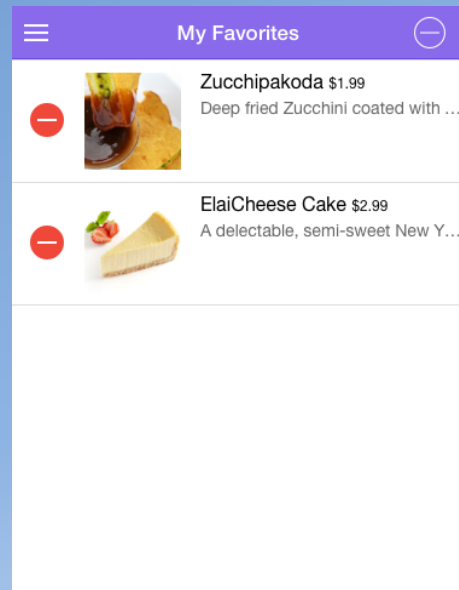
```
<ion-list>
  <ion-item ng-repeat="... ">
    ...

    <ion-option-button
      class="button-assertive icon ion-plus-circled"
      ng-click="addFavorite({{dish.id}})">
    </ion-option-button>
  </ion-item>
</ion-list>
```



Ionic Lists Delete Button Example

```
<ion-list show-delete="shouldShowDelete">  
  <ion-item ng-repeat="...">  
    ...  
  
    <ion-delete-button class="ion-minus-circled"  
      ng-click="deleteFavorite(dish.id)">  
    </ion-delete-button>  
  </ion-item>  
</ion-list>
```



collection-repeat

- Allows app to show huge list of items performantly
 - Renders into DOM only as many items as are currently visible
- Use in place of ng-repeat

Angular Custom Filters

- Custom filter function can be written as a factory
 - Returns a filter function that takes input as the first argument, and additional filter arguments as additional arguments

Custom Filter Example

```
.filter('favoriteFilter', function () {  
  
    return function (input, argument1) {  
        var out = [];  
  
        for (var i = 0; i < argument1.length; i++) {  
            for (var j = 0; j < input.length; j++) {  
                if (input[j].id === argument1[i].id)  
                    out.push(input[j]);  
            }  
        }  
  
        return out;  
    }  
  
})
```

Exercise: Ionic Lists: Advanced Features

- 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.
- Use the delete button feature of Ionic lists
- Design and implement a custom Angular filter