Angular Line of Business Applications

Hands-On Lab 3: ROUTING

# PREP: Starting Files

Repository: **https://github.com/DeborahK/AngularU2015**

Folder: **HandsOnLabs**

Starting Files: **MovieHunter Take3 – Routing**

*Key Tasks:*

1. index.html
   1. Add the script tag for **Scripts/angular-route.js**
   2. Add the script tag for the new detail controller: **app/movies/movieDetailCtrl.js**
   3. Notice the <nav></nav> Bootstrap styles added to display the menu.
   4. Replace the ng-include directive with the ng-view directive.
2. app.js
   1. Add **ngRoute** as a dependency when defining the movieHunter module.
   2. Examine the routing code.
3. movieDetailView.html
   1. Review the code in this new file.
   2. Notice the use of the Bootstrap grid columns.
   3. Modify the back button to add the ng-href to activate the **#searchByTitle** route.
4. movieDetailCtrl.js
   1. Review the code in this new file.
5. movieListView.html
   1. Example the anchor tag used to navigate to the #showDetail route.
6. Run the application
   1. The main page should appear with a menu and welcome icon.
   2. Selecting the Search by Title menu option should display the list of movies.
   3. Clicking on a movie should display the movie detail.
      1. NOTE: The one hard-coded movie define in the movieDetailCtrl file will always appear here regardless of the movie selected on the Search by Title page.

*Extra Tasks (as time permits):*

1. Add another route to the list of routes for an “about” view (with no controller).
2. Rough out an HTML fragment for this view (about.html).
3. Add the route to **app.js**
4. Add a menu option for the route to **index.html**.
5. Run the application and ensure that your “about” page appears when selected.

# LAB 3 Code

#### index.html

<div class="container">

<div ng-view></div>

</div>

*app.js*

(function () {

"use strict";

var app = angular.module("movieHunter", [**"ngRoute"**]);

app.config(["$routeProvider",

function ($routeProvider) {

$routeProvider

.when("/", {

templateUrl : "app/welcomeView.html"

})

.when("/searchByTitle", {

templateUrl : "app/movies/movieListView.html",

controller : "MovieListCtrl as vm"

})

.when("/showDetail/:movieId", {

templateUrl : "app/movies/movieDetailView.html",

controller : "MovieDetailCtrl as vm"

})

.otherwise("/");

}]);

}());

*movieDetailView.html*

<div class="panel-footer">

<a class="btn btn-default"

ng-href="#searchByTitle"

style="width:80px">

<i class="glyphicon glyphicon-chevron-left"></i>

Back

</a>

</div>