

Web API and MVC Lab: Actors

Create a suitable Web API HTTP RESTful Service and consume the service through MVC Web Application as instructed below.



Figure: 1

- A. Populate the Drop down/combo box with all the actor names fetched from WebAPI URI (You need to create the WebAPI).
- B. After selecting name of the actor from dropdown/combo box, if user clicks **“Display Actor Info”**, the page must display details and list of favorite movies. (Fetch the actor details from Web API)
 - 1. Display the image properly
 - 2. Displaying date in **“dd/M/yyyy”**
 - 3. Displaying list of favorite movies
- C. User should be redirected to a new page by clicking **“Add New Movies”** link on first page. On the next page user should be able to add a new name of a movie for respective actor.
 - 1. The design of the page should be as per the following figure.
 - 2. User should enter new movie name in the given text box and then click the button **“Add”** to add the name of the new movie (refer figure: 2).

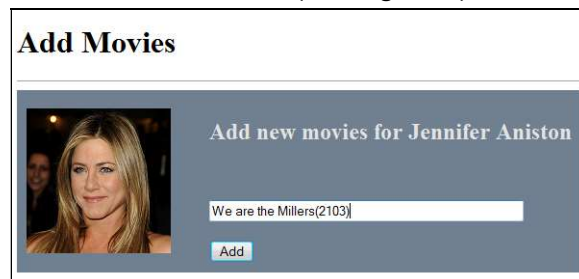


Figure: 2

3. Validate text box, It must contain minimum 7 characters (use JavaScript)
4. **Only Authorized users can add a New Movies to the selected Actor.**
5. Upon successful addition of the movie name, the user should be redirected to the first page, where the new movie name should be displayed (refer figure: 3)



Figure: 3

6. But if the movie name exists in the list of movies for that actor then, **"Movie already exists"**, should be displayed on the same page (refer the following figure)



Search Page using OData

Create a Search Page to search the actors by their name, by their birth year, by their movie name using OData query.