**Movie Library**

**Learning objective:** Build a REST web API in ASP.NET and connect a jQuery frontend to it

**Technologies:** ASP.NET Web API, JavaScript, jQuery, AJAX, HTML, CSS, Postman

**GitHub Source Code Repo:**<https://github.com/DevCodeCampInstructor/WebAPIStarter>

**Total points:** /70

(5 points): As a developer, I want to make good, consistent commits.

(2.5 points) As a developer, I want to create a Movie model with properties for title, genre, and director name.

(15 points) As a developer, I want to build a REST web API in ASP.NET, so that I can make HTTP requests to GET, PUT, and POST data to the data set.

(15 points) As a developer, I want to use jQuery and AJAX to consume the built web API on the frontend.

(2.5 points) As a developer, I want to implement the seeded data that was given to me by the instructors, so that my database will be seeded.

(5 points) As a developer, I want to use Postman to make a POST, PUT, and both GET requests (get by id and get all) request to my REST web API, save it to a collection, and then export it as a JSON from Postman.

(10 points) As a developer, I want to have an aesthetically pleasing user interface (webpages) to ensure a great user experience.

(5 points) As a film enthusiast, I want to be able to see the details of a movie, including title, genre, and director name.

(5 points) As a film enthusiast, I want to be able to update the details of a movie, including title, genre, and director name.

(5 points) As a film enthusiast, I want to be able to add a new movie with details, including title, genre, and director name.

**Bonus:**

**(5 points) As a film enthusiast, I want to be able to add, edit, and see an image for a movie.**

**(5 points) As a film enthusiast, I want to be able to search for a movie by one of the movie’s fields. Once I select title, genre, or director name individually, I can then search for any partial matches of the selected field and find the movie I am looking for.**