**Movie Library**

**Learning objective:** Build a REST web API in Node.js and Express.js and connect a jQuery frontend to it

**Technologies:** Node.js, Express.js, JavaScript, jQuery, AJAX, HTML, CSS, Postman

**Starter code:** movies.json file with seeded data

**Total project points:** /75

**Total weighted points to final grade:** /50

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

(10 points): As a web designer, I want to create a wireframe for my single-page application

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

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

(5 points) As a web 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 web 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 (add different image), 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.**