**CS 6314 - Assignment 4**

**Due date:** November 12, 2021

Create a video application by using Node.js and Express.js.

**1.** Your application should include all CRUD operations (Create, Read, Update, Delete) for manipulating *videos.* You can choose to use Single Page Application approach (consume the API using AJAX calls) or utilize ejs files. For either approach, it’s important to implement all below functions:

* list all videos with thumbnail images
* show an individual video
* add a new video
* edit and update an existing video
* delete a video

**2.** Include search (partial search on “title”) and filtering (filter by “genre”) functions. Integrate search and filter together (if a genre is selected, search for movies under selected genre). Search and filtering should be available on home page. You can hardcode the list of genres for drop down list.

**Deliverables:**

1. Zipped application folder (do not include *node\_modules* folder)

2. Screenshots for video listing page

* Show all movies
* Show results of search and filtering (individually and combined)

3. Screenshot for adding a new video

4. Screenshot for video edit page

5. Screenshot for the result of video update