

## Endpoint Summary

### movies.py

/api/v1.0/movies - GET

Returns all movies in the Movie Collection

/api/v1.0/movies/<string:id> - GET

Returns one movie by providing Movie ID

/api/v1.0/movies – POST

@jwt\_required

Allows a Logged in user to add a movie into the Movie collection

/api/v1.0/movies/<string:id> - PUT

@jwt\_required

Allows a Logged in user to edit an existing movie into the Movie collection

/api/v1.0/movies/<string:id> - DELETE

@jwt\_required

@admin\_required

Allows an authorised Administrator who is Logged in to delete a movie from the collection by the Movie ID

/api/v1.0/movies/title – GET

Returns movie from movie collection by Title name

/api/v1.0/movies/director – GET

Returns movies from movie collection by Director who is included in Director field

/api/v1.0/movies/searchyear - GET

Returns movies from movie collection which occur in the year that has been searched

/api/v1.0/movies/year-range - GET

Returns movies from movie collection which occur in between a year range which has been given

/api/v1.0/movies/genre – GET

Returns movies from movie collection by Genre

/api/v1.0/movies/minrating/<float:minrating> - GET

Returns movies from movie collection by Minimum IMDb rating

/api/v1.0/movies/by-actor/<actor\_name> - GET

Returns movies from movie collection by Actors name who are included in the Actor field

## reviews.py

/api/v1.0/movies/<string:id>/reviews – POST

@jwt\_required

Allows a Logged in user to add a new review into the review field

/api/v1.0/movies/<string:id>/reviews – GET

Returns all reviews from all movies

/api/v1.0/movies/<mid>/reviews/<rid> - GET

Returns one review when giving the movie id and the review id

/api/v1.0/movies/<mid>/reviews/<rid> - PUT

@jwt\_required

Allows a Logged in user to edit a review from the review field

/api/v1.0/movies/<mid>/reviews/<id> - DELETE

@jwt\_required

@admin\_required

Allows an authorised Administrator who is Logged in to delete a review from the collection by the Movie ID and the review ID

/api/v1.0/movies/reviews/stars – GET

Gets all reviews filtered by the amount of stars

/api/v1.0/movies/<mid>/reviews/stars – GET

Gets reviews when movie ID is given, and then filters the reviews by the amount of stars

/api/v1.0/movies/reviewed\_by/<string:username> - GET

Shows all movies that have been reviews by a certain username

awards.py

/api/v1.0/awards/all – GET

Returns all awards in the award collection

/api/v1.0/movies/<movie\_id>/awards - GET

Shows all awards which are associated with the movie by Movie ID

/api/v1.0/awards/<int:year>/winners - GET

Shows all awards by the year that they were won

/api/v1.0/awards/add - POST

@jwt\_required

Allows a Logged in user to add an award

/api/v1.0/awards/<string:id> - PUT

@jwt\_required

Allows a logged in user to edit an existing award

/api/v1.0/awards/<string:id> - DELETE

@jwt\_required

@admin\_required

Allows an authorised Administrator who is Logged in to delete an award from the collection by the Award ID

/api/v1.0/awards/awardcompany/<string:award\_name> - GET

Returns all awards from a specific award company

aggregate.py

/api/v1.0/movies/genre-count – GET

Returns a list of all genre's, a sum of each time a genre is in the collection and sorts it in descending order

/api/v1.0/movies/director-count - GET

Returns a list of all Directors, a sum of each time a director is in the collection and sorts it in descending order

/api/v1.0/movies/actor-count – GET

Returns a list of all Actors, a sum of each time an actor is in the collection and sorts it in descending order

/api/v1.0/movies/average-review-rating - GET

Returns a list of all movies that have a review and their reviews average rating

auth.py

/api/v1.0/login – GET

Allows the user to Login

/api/v1.0/logout – GET

Allows the user to Logout