URL/Pattern: /ownprofile

Types of resources server will store: users

HTTP Method: GET

Description/Purpose:
Retrieves the profile of the current login user contains the username, people and users have followed and the movies have watched.

Expected Request Body Data:
None

Supported Response Data Types:
• text/html
• application/json

Expected Response (Success):
• Status code of 200.

URL/Pattern: /movies/{Title}

Types of resources server will store: reviews, movies

HTTP Method: GET POST

Description:
Retrieves the movie details and the reviews created from the users with unique movie title.
Creates a new review using the included request data.

Expected Request Body Data:
JSON string containing reviewer, score, summary review and full review for the new review.

Supported Response Data Types:
• text/html
• application/json

Expected Response (Success):
•Status code of 200.
•Status code of 201 (new review created).

URL/Pattern: /people/{name}

Types of resources server will store: people

HTTP Method: GET

Description/Purpose:
Retrieves the people with the name of the people, if it exists.

Expected Request Body Data:
None

Supported Response Data Types:
• text/html
• application/json

Expected Response (Success):
• Status code of 200.

URL/Pattern: /review/{reviewer}

Types of resources server will store: reviews

HTTP Method: GET

Description:
Retrieves the review with the name of the reviewer, if it exists.

Expected Request Body Data:
None

Supported Response Data Types:
• text/html
• application/json

Expected Response (Success):
• Status code of 200.

URL/Pattern: /user/{name}

Types of resources server will store: user

HTTP Method: GET

Description:
Retrieves the user with the name of the user, if it exists.

Expected Request Body Data:
None

Supported Response Data Types:
• text/html
• application/json

Expected Response (Success):
• Status code of 200.
• If text/html is requested: An HTML page including the profile for the given user.
• If application/json is requested: An object representation of the given user.

URL/Pattern: /login

HTTP Method: POST

Description:
Retrive the secure data from the server using the included request data.

Expected Request Body Data:
JSON string containing username and password for login.

Supported Response Data Types:
•application/json

Expected Response (Success):
• Status code of 201 (Created).

URL/Pattern: /contribute

HTTP Method: POST

Description:
Creates a new actor and a new movie using the included request data.

Expected Request Body Data:
JSON string containing name of the actor for creating a new actor.
JSON string containing title, runtime, release year, writers, directors and actors for creating a new movie.

Supported Response Data Types:
•application/json

Expected Response (Success):
• Status code of 201 (Created).

URL/Pattern: /search

HTTP Method: POST

Description:
Search for a movie using the information given by the user input.

Expected Request Body Data:
JSON string containing title, genre and the name of am actor for the target movie.

Supported Response Data Types:
•application/json

Expected Response (Success):
• Status code of 201 (Created).