API Documentation

GET /favorites

Description: Retrieves the list of favorite movies for the logged-in user.

Request:

curl -X GET <http://localhost:3000/favorites> \  
-H "Authorization: <base64\_encoded\_username>"

POST /favorites

Description: Adds a movie to the logged-in user's favorite list.

Request:

curl -X POST <http://localhost:3000/favorites> \  
-H "Authorization: <base64\_encoded\_username>" \  
-H "Content-Type: application/json" \  
-d '{"movieID": "123", "title": "Inception"}'

DELETE /favorites

Description: Removes a movie from the logged-in user's favorite list.

Request:

curl -X DELETE <http://localhost:3000/favorites> \  
-H "Authorization: <base64\_encoded\_username>" \  
-H "Content-Type: application/json" \  
-d '{"movieID": "123"}'

GET /groups

Description: Retrieves the list of groups the logged-in user is a part of.

Request:

curl -X GET <http://localhost:3000/groups> \  
-H "Authorization: <base64\_encoded\_username>"

POST /groups

Description: Creates a new group or joins an existing group.

Request:

curl -X POST <http://localhost:3000/groups> \  
-H "Authorization: <base64\_encoded\_username>" \  
-H "Content-Type: application/json" \  
-d '{"groupName": "Movie Lovers"}'

DELETE /groups

Description: Deletes a group or removes the user from a group.

Request:

curl -X DELETE <http://localhost:3000/groups> \  
-H "Authorization: <base64\_encoded\_username>" \  
-H "Content-Type: application/json" \  
-d '{"groupid": "123", "username2": "jane\_doe"}'

POST /review

Description: Adds a review for a movie.

Request:

curl -X POST <http://localhost:3000/review> \  
-H "Content-Type: application/json" \  
-d '{"email": "user@example.com", "movieID": "123", "rating": 5, "text": "Amazing movie!"}'

GET /review

Description: Retrieves reviews for a user or all reviews for a movie.

Request:

curl -X GET <http://localhost:3000/review?email=user@example.com>

POST /login

Description: Logs the user in and creates an authentication token.

Request:

curl -X POST <http://localhost:3000/login> \  
-H "Content-Type: application/json" \  
-d '{"email": "user@example.com", "password": "password123"}'

GET /logout

Description: Logs the user out.

Request:

curl -X GET <http://localhost:3000/logout> \  
-H "Authorization: <base64\_encoded\_username>"

POST /updatepassword

Description: Updates the logged-in user's password.

Request:

curl -X POST <http://localhost:3000/updatepassword> \  
-H "Authorization: <base64\_encoded\_username>" \  
-H "Content-Type: application/json" \  
-d '{"currentPassword": "oldpassword", "newPassword": "newpassword123"}'

GET /profile

Description: Retrieves the logged-in user's profile information.

Request:

curl -X GET <http://localhost:3000/profile> \  
-H "Authorization: <base64\_encoded\_username>"