Document && Task

1. Basic-application setupall
2. Required package:express,axios,cookie-parser,debug,dotenv,express,express-validator

Http-errors,jest,momentmorgan,pug,supertes

1. I created separate Route for Movie module
2. By using axios get movie Data
3. Take one API

* Movie data filter genres match case and showing times based
* Showing time 30 minutes ahead of the input time
* Sort the Records rating based

http://localhost:8080/movies/movieRecommendations

Method:"POST"

Request :

{

"genres":"Animation",

"time":"19:00"

}

Response :

{

"status": "success",

"data": [

{

"name": "Zootopia",

"rating": 92,

"genres": [

"Action & Adventure",

"Animation",

"Comedy"

],

"showings": [

"19:00:00+11:00",

"21:00:00+11:00"

]

}

]

}

curl --location --request POST 'http://localhost:8080/movies/movieRecommendations' \

--header 'Content-Type: application/json' \

--data '{

"genres":"Animation",

"time":"18:00"

}'

1. Unit test cases separate file

describe('POST /movieRecommendations', () => {

test('should return movie recommendations', async () => {

await movieRecommendations(req, res);

expect(res.status).toHaveBeenCalledWith(200);

expect(res.json).toHaveBeenCalledWith({ status: 'success', data: expect.any(Array) });

});

test('should return error if validation fails', async () => {

validationResult.mockReturnValueOnce({ isEmpty: jest.fn(() => false), errors: [{ msg: 'Validation error' }] });

await movieRecommendations(req, res);

expect(res.status).toHaveBeenCalledWith(400);

expect(res.json).toHaveBeenCalledWith({ status: false, message: 'Validation error' });

});