**Build rest API for Casting Website**

**Registration**

Based on actor’s profile or producer’s profile build register endpoint.

Endpoint details - /v1/actioncasting/user

Request Method - POST

Request

{

"username": "theUser",

"firstName": "John",

"lastName": "James",

"email": "[john@email.com](mailto:john@email.com)",

"password": "12345",

"phone": "123-456-7890",

"status": 0,

“category”: “actor/producer”,

“state”: “tamilnadu”

}

Response

{

"id": 1,

"username": "theUser",

"firstName": "John",

"lastName": "James",

"email": "[john@email.com](mailto:john@email.com)",

"password": "12345",

"phone": "123-456-7890",

"status": 0,

“category”: “actor/producer”

“state”: “tamilnadu”

}

1. Validate username with specific rules - https://dev.to/fromwentzitcame/username-and-password-validation-using-regex-2175
2. Validate password with specific rules - https://dev.to/fromwentzitcame/username-and-password-validation-using-regex-2175
3. Validate email with specific rules
4. Validate phone with specific rules

Generate token and store it in MongoDB while registration.

Successful login will return this token as part of login response.

This token needs to be passed as header in all subsequent requests.

**Login**

Endpoint details - /v1/actioncasting/user/login

Request Method – GET

Login with username and password

Request:

{

"username": "theUser",

"password": "12345". (Send encrypted password)

}

Decrypt password and validate against DB. If everything good, send success response.

Validate username, password from request. Return token

Response:

{

"username": "theUser",

“token”: “sd23-sd23-sd32-sf45”

}

Token generated with expiry (Generated + 1 hour) and stored in MongoDB for each login

Retrieve this random token and pass to all subsequent requests

Actors List

Token needs to be sent in header and make sure token is valid and exist in DB.

Endpoint details - /v1/actioncasting/actors

Request Method – GET

Return all active actor’s details

Array of objects

{

"id": 1,

"username": "theUser",

"firstName": "John",

"lastName": "James",

"email": [john@email.com](mailto:john@email.com),

"phone": "123-456-7890",

"status": 1,

“category”: “actor”

“state”: “tamilnadu”

}

Add Movie:

Token needs to be sent in header and make sure token is valid and exist in DB.

Endpoint details - /v1/actioncasting/movie

Request Method – POST

Payload

{

"name": "Tamilmovie",

"actors": {

Rajinikanth,

Kamal

},

"actress": {

Nayanthara

},

"release\_date": “YYYY-MM-Dd”,

"budget": "100 crore",

"status": 1,

“state”: “tamilnadu”

}

Edit Movie:

Token needs to be sent in header and make sure token is valid and exist in DB.

Endpoint details - /v1/actioncasting/movie/{id}

Request Method – PUT

Payload

{

"name": "Tamilmovie",

"actors": {

Rajinikanth,

Kamal

},

"actress": {

Nayanthara

},

"release\_date": “YYYY-MM-Dd”,

"budget": "100 crore",

"status": 1,

“state”: “tamilnadu”

}

Delete Movie

Token needs to be sent in header and make sure token is valid and exist in DB.

Endpoint details - /v1/actioncasting/movie/{id}

Request Method – Delete

Edit User

Token needs to be sent in header and make sure token is valid and exist in DB.

Endpoint details - /v1/actioncasting/user/{id}

Request Method – PUT

{

"firstName": "John",

"lastName": "James",

"phone": "123-456-7890",

“state”: “tamilnadu”

}

Movies List

Token needs to be sent in header and make sure token is valid and exist in DB.

Endpoint details - /v1/actioncasting/movies

Request Method – GET

Return all active actor’s details

Array of objects

{

"name": "Tamilmovie",

"actors": {

Rajinikanth,

Kamal

},

"actress": {

Nayanthara

},

"release\_date": “YYYY-MM-Dd”,

"budget": "100 crore",

"status": 1,

“state”: “tamilnadu”

}

Movies Details

Token needs to be sent in header and make sure token is valid and exist in DB.

Endpoint details - /v1/actioncasting/movie/{id}

Request Method – GET

Return movie details as response

{

"name": "Tamilmovie",

"actors": {

Rajinikanth,

Kamal

},

"actress": {

Nayanthara

},

"release\_date": “YYYY-MM-Dd”,

"budget": "100 crore",

"status": 1,

“state”: “tamilnadu”

}