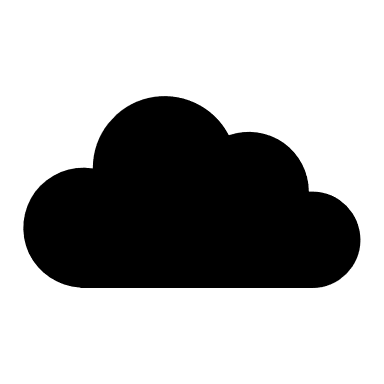
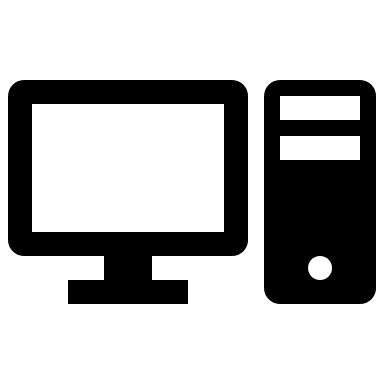
For Movie Archive, I will be using a REST Handler with a base in NodeJS.

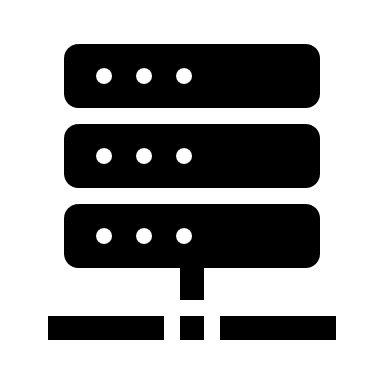


HTTP

Internet

User

REST Handler



Database

Webserver

**Error Responses**

The service layer will send out HTTP status codes for each type of error that could occur. When an action is forbidden the error code will be 403. For When a resource can’t be found the error code will be 404. When a user inputs something that is invalid or not correct for the code to understand, the statues code will be 422. Finally, if the user puts in too many requests to the server in a certain amount of time, then 429 will be our statues code. These should cover the primary errors I could see happening in my application.

**Endpoints**

GET /submit

GET body:

{

Actor: string

Director: string

Genre: string

Year: int

Brief: string

}

Brief will be fed through some code that can pull out key information like character names, elements of the movie, etc. This will then be cross referenced with Descriptions of movies.

Returns all movies and relative information based on the information provided by the User.

{

Title: string

Actor: string

Director: string

Genre: string

Year: int

Description: string

}

GET /search

This one is very similar to the /submit but this will only take in one value and will be used on the Movies List page where all the movies are listed.

GET body:

{

Title: string

}

This will return any movie title and any relative data that matches the input.

{

Title: string

Actor: string

Director: string

Genre: string

Year: int

Description: string

}