

Movie Tracker

To create the /add endpoint that meets the specified requirements, the existing code was extended as follows:

1. Define the /add endpoint.
2. Extract the necessary parameters (movie, year, song, and rating) from the request body.
3. Validate that all required parameters are provided.
4. Check if the movie already exists in MOVIEDATA.
5. Update the movie information if it exists or add a new movie if it doesn't.
6. Send the appropriate response message.

The following is a more detailed explanation:

HTML Form Route (/)

- When users visit the root URL (/), they will see an HTML form that allows them to input movie details (movie name, release year, featured song, and Rotten Tomatoes rating).
- The form uses the POST method to submit data to the **/add** endpoint.

Here's how it was done:

- **Serve the HTML form:** Added a route to serve the HTML form when users visit the root URL (/).
- **Update the /add endpoint:** Had to ensure it handles form submissions and provides appropriate responses.

Middleware Setup

- `express.urlencoded()` is used to parse `application/x-www-form-urlencoded` data.
- `express.json()` is used to parse `application/json` data.
- `multer().none()` is used to handle `multipart/form-data` without file uploads.

/add Endpoint

- Extracts the movie, year, song, and rating parameters from the request body.
- Checks if any of the required parameters are missing. If so, it responds with a 400 status code and an error message.
- Checks if the movie already exists in MOVIEDATA.
- Updates the movie information if it exists, otherwise adds a new movie.
- Sends an appropriate success message based on whether the movie was updated or added.

The /add endpoint ensures that the movie information is correctly updated or added to MOVIEDATA and responds with the correct status and message based on the input provided.