**Project 4: Movie Catalog**

**Project Overview and Goals**

The movie catalog project aims to create a web application where users can view and add movies to a catalog. The primary goals of this project are:

1. Display a list of movies: Each movie entry will show the title, director, and year of release.

2. Form to add new movies: Users can input details for new movies, which will then be displayed in the catalog.

3. Responsive and visually appealing design: The layout should be user-friendly and visually appealing across different devices.

**Summary of Progress to Date**

Created the basic structure of the web page with a container for the movie list and a form to add new movies. Set up placeholders and labels for the input fields (title, director, and year). Implemented a script to handle form submissions. Created functionality to dynamically add new movies to the movie list. Ensured the form resets after each submission to clear previous inputs.

**Challenges Encountered**

1. Form Validation:

Ensuring that all form fields are filled before allowing a movie to be added.

Handling cases where users might input incorrect data types (e.g., non-numeric values for the year).

2. Responsive Design:

Adjusting the layout to be responsive across different screen sizes.

Ensuring that the movie entries look good on both desktop and mobile devices.

**Plans for Next Steps**

1. Enhance Functionality:

Add functionality to remove movies from the catalog.

Implement an edit feature to modify existing movie details.

2. Improve User Experience:

Add validation to the form to ensure all fields are correctly filled before submission.

Provide user feedback for actions (e.g., confirmation message when a movie is added).

3. Additional Features:

Implement a search functionality to filter movies by title or director.

Enhance the styling and animations to make the application more interactive.