SVU Day-12 Assignment (HTML, CSS, JS)
26/02/2025

🎬 **Full Stack Development Assignment: Movie Management System** 🎬

📌 **Assignment Overview**

In this assignment, you will create a **Movie Management System** using **HTML, CSS, and JavaScript**. The system will allow users to add new movies and view all added movies on a separate page. The movie data should persist using **Local Storage** so that it remains even after the page is refreshed.

📁 **Project Structure**

- **index.html** → Movie submission form
- **movie.html** → Displays the list of added movies

📋 **Task Breakdown**

◆ **Page 1: index.html (Movie Form Page)**

1 **Create a movie form** that includes:

- 🎥 Movie Name (Text Input)
- 📝 Movie Description (Textarea)
- 📅 Release Year (Number Input)
- 🌟 IMDb Rating (Number Input: 0-10)
- 🎭 Genre (Dropdown: Action, Comedy, Drama, Sci-Fi, Horror, etc.)
- 🎟 Movie Poster (URL Input to add an image link)
- 📤 Submit Button

2 **When a user submits the form**:

- ✅ Validate that all fields are filled.
- ✅ Save the movie data in **Local Storage**.
- ✅ Show a notification (either a popup alert or an on-page message) confirming that the movie has been added successfully.
- ✅ Clear the input fields after successful submission.

3 **Navigation to Movies Page**:

- Add a **"View Movies"** button.

- Clicking this button should redirect the user to **movie.html** to see the list of movies.

◆ **Page 2: movie.html (Movie List Page)**

1 **Display all stored movies** in a **beautiful table format**. Each row should include:

- 🎥 Movie Name

- 📝 Description (Shortened to 100 characters with "Read More" option)

- 📅 Release Year

- 🌟 IMDb Rating

- 🎭 Genre

- 🎞 Movie Poster (Displayed as a thumbnail)

- 🗑 Delete Button (To remove the movie from local storage)

2 **Additional Functionalities**:

- ✅ If no movies exist, show a message **"No movies added yet!"**.

- ✅ A **search bar** to filter movies by name or genre.

- ✅ Clicking the **Delete Button** should remove the movie from the table and local storage.

- ✅ A **Back to Home** button to navigate back to **index.html**.

💡 **Bonus Features (Optional but Fun!)**

🔥 Add a **sorting feature** so users can sort movies by **rating, release year, or name**.
🔥 Add a **theme switcher** (Light/Dark Mode).
🔥 Enhance the UI using CSS animations and transitions.
🔥 Use **toasts instead of alerts** for a better user experience.
🔥 Include a **"Mark as Favourite"** button to highlight favourite movies.

📌 **Key Concepts Covered in This Assignment**

✔ **HTML Forms**
✔ **CSS for Styling & Layout**
✔ **JavaScript Event Handling**
✔ **Local Storage for Data Persistence**
✔ **DOM Manipulation (Creating/Removing Elements Dynamically)**
✔ **Basic Data Filtering & Sorting**