



Web-based Movie Record Management System

Submitted to
SLIIT Academy (Pvt.) Ltd.

Emerging Technologies & Frameworks”

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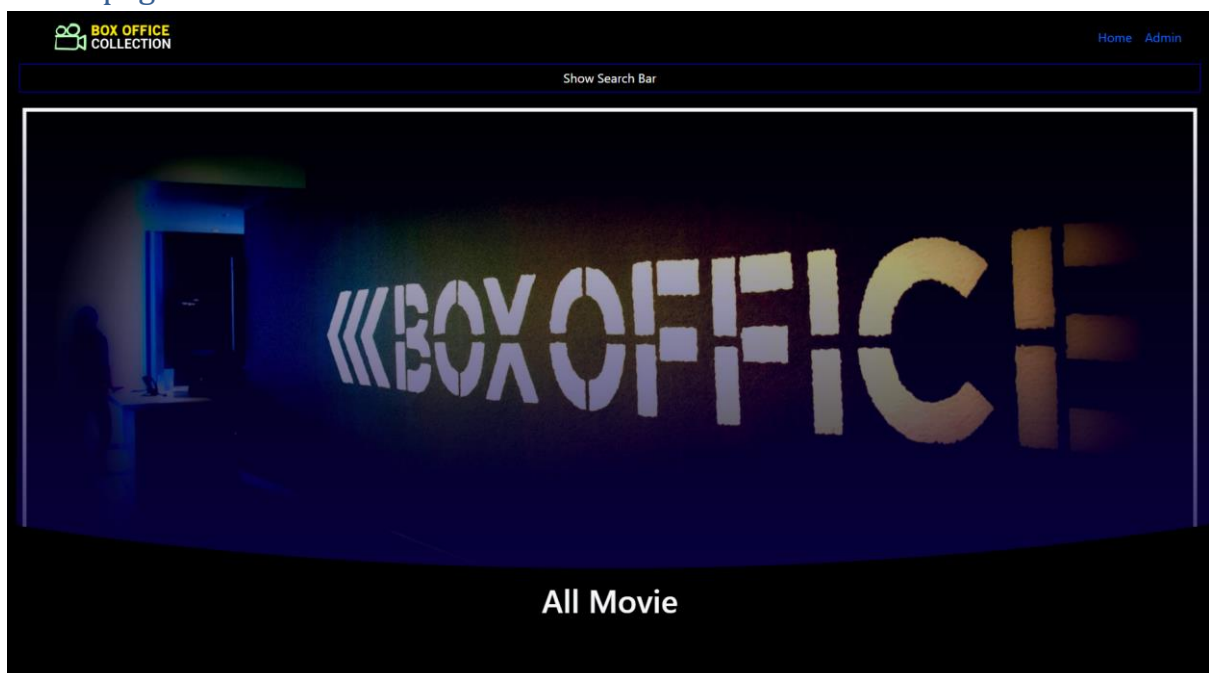
B.M.K.B Somarathna | SA22403810

Description

This Assignment is a Web-based Movie Record Management System. This Web Site's front end was developed using HTML + Bootstrap, and the backend was developed using REST API and using MySQL database

When the run app.js using the command 'node app' your website server runs on port 8000 and it means the website's URL is 'localhost:8000'. When we go to the URL we can see the website home page called 'index. ejs'.

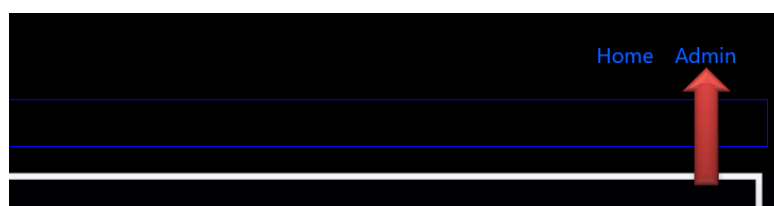
Home page



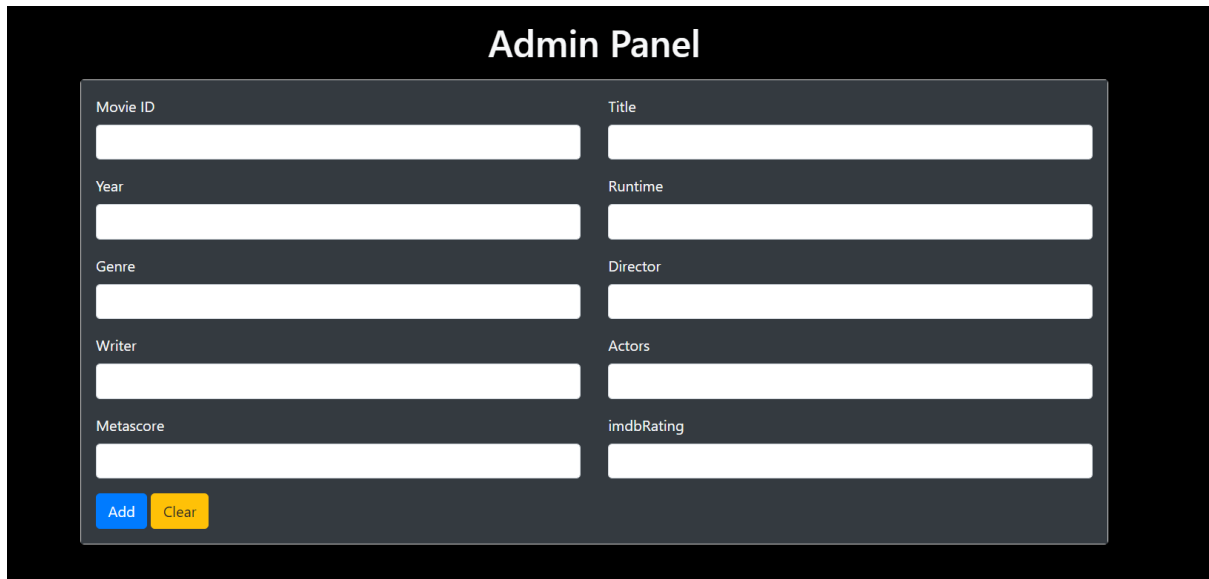
Admin features

The admin of the movie management system has more features. The first feature is adding a movie, Let's see how to do it.

01. Add Movie



When clicked on Admin 'app.js' get 'add' action it returns the admin panel. You can see the below admin panel



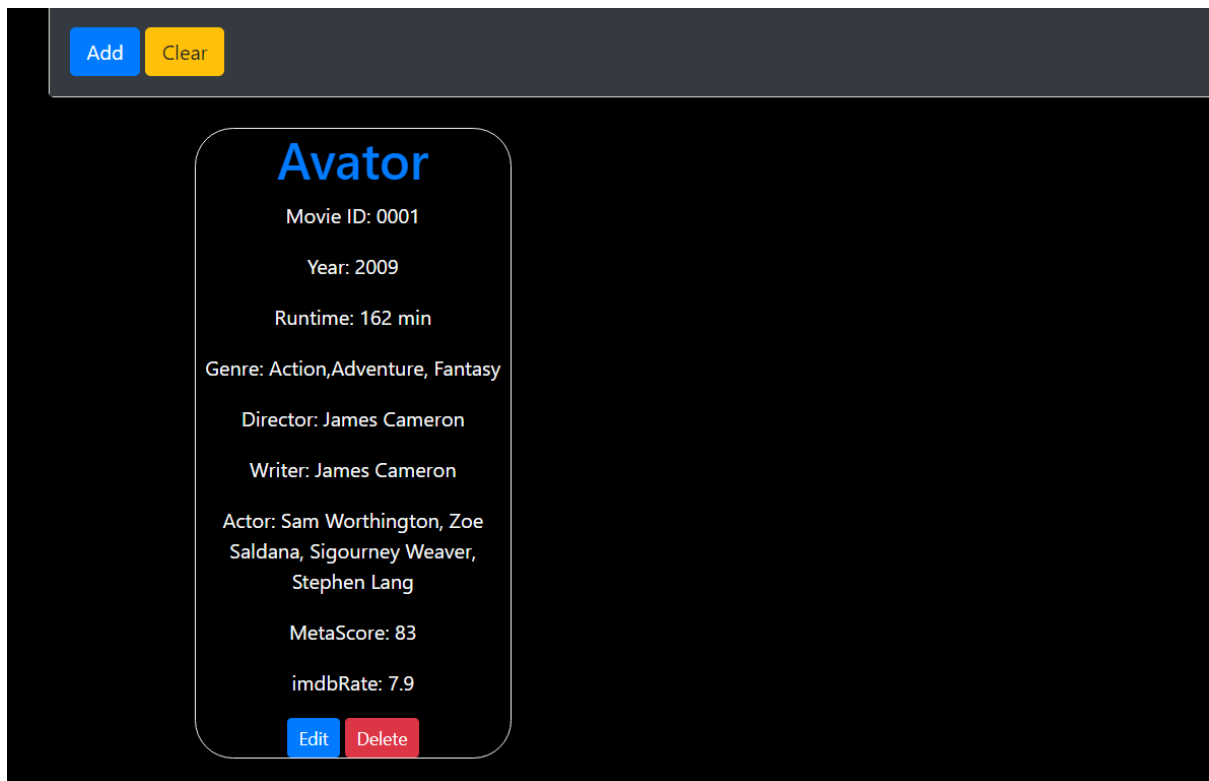
The image shows a web form titled "Admin Panel" on a black background. The form is a light gray rectangle with a dark gray border. It contains ten input fields arranged in two columns. The left column fields are labeled "Movie ID", "Year", "Genre", "Writer", and "Metascore". The right column fields are labeled "Title", "Runtime", "Director", "Actors", and "imdbRating". At the bottom left of the form are two buttons: a blue "Add" button and a yellow "Clear" button.

This is the admin panel's add-movie part. We can insert details about the movie after that click on the add button. When clicked on add button it will send add-data and then run a query in the backend for the insert data to the box office database. After the insert data about the movie you want. the client can see your website's movie data. Admin can see data and also admin can update and delete the movies.

Client interface after the add data



Admin panel after the add data



The screenshot shows an admin panel with a dark background. At the top, there are two buttons: 'Add' (blue) and 'Clear' (yellow). Below these, a rounded rectangle contains the movie details for 'Avator'. The details are as follows:

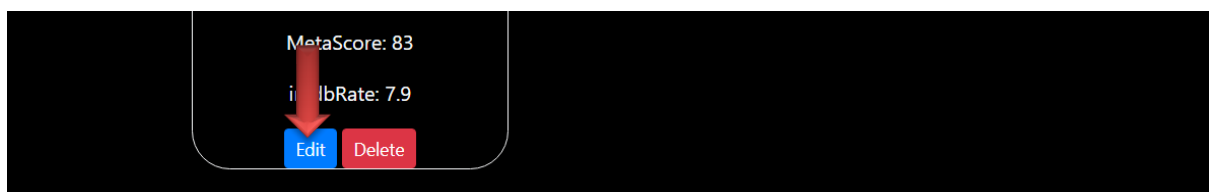
- Movie ID: 0001
- Year: 2009
- Runtime: 162 min
- Genre: Action, Adventure, Fantasy
- Director: James Cameron
- Writer: James Cameron
- Actor: Sam Worthington, Zoe Saldana, Sigourney Weaver, Stephen Lang
- MetaScore: 83
- imdbRate: 7.9

At the bottom of the rounded rectangle, there are two buttons: 'Edit' (blue) and 'Delete' (red).

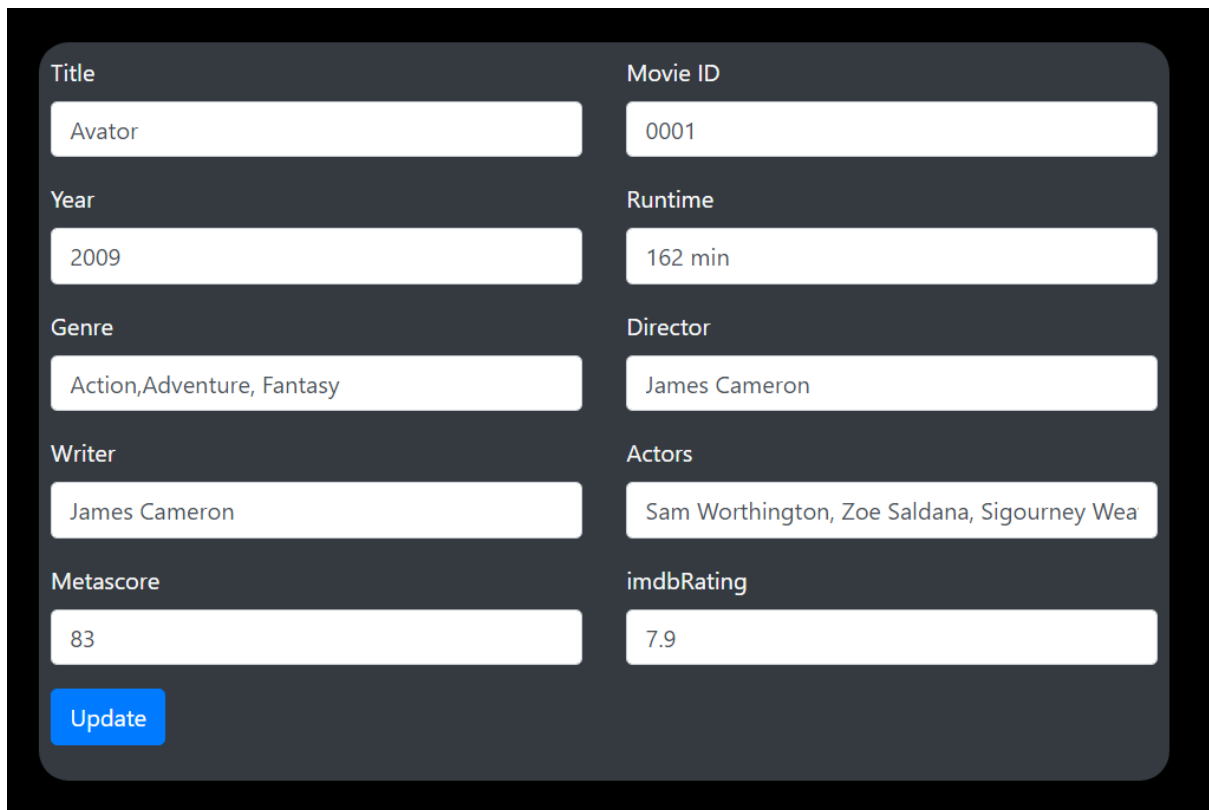
02. Edit the Movie

you can see the admin got a mistake when inserting data. So what's that? Let's check on the Movie's title. its spelling is not correct. Admin entered Avator not Avatar. Let's edit That. The editing steps are below.

Step 01 – Click on the edit button



When the admin clicked on the edit button you can see the edit panel.



The screenshot shows a dark-themed edit panel for a movie. It contains two columns of input fields. The left column includes fields for Title (Avator), Year (2009), Genre (Action,Adventure, Fantasy), Writer (James Cameron), Metascore (83), and a blue Update button. The right column includes fields for Movie ID (0001), Runtime (162 min), Director (James Cameron), Actors (Sam Worthington, Zoe Saldana, Sigourney Wea), and imdbRating (7.9).

Field	Value
Title	Avator
Year	2009
Genre	Action,Adventure, Fantasy
Writer	James Cameron
Metascore	83
Movie ID	0001
Runtime	162 min
Director	James Cameron
Actors	Sam Worthington, Zoe Saldana, Sigourney Wea
imdbRating	7.9

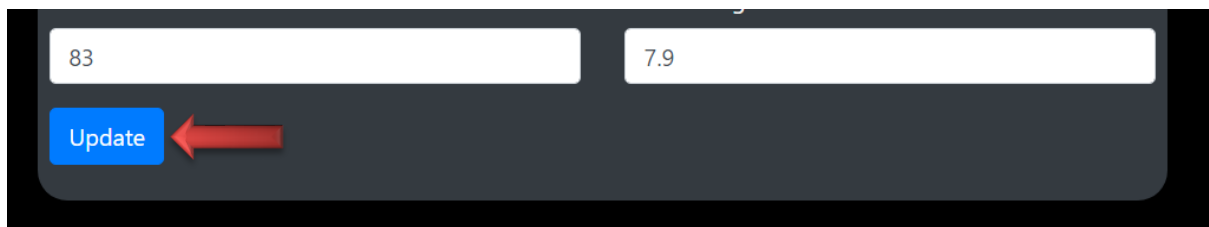
Update

Step 02 – Correct spelling



This diagram illustrates the correction of the movie title. On the left, a text input field labeled 'Title' contains the word 'Avator'. A red arrow points from this field to a second 'Title' input field on the right, which now contains the word 'Avatar' with a cursor at the end.

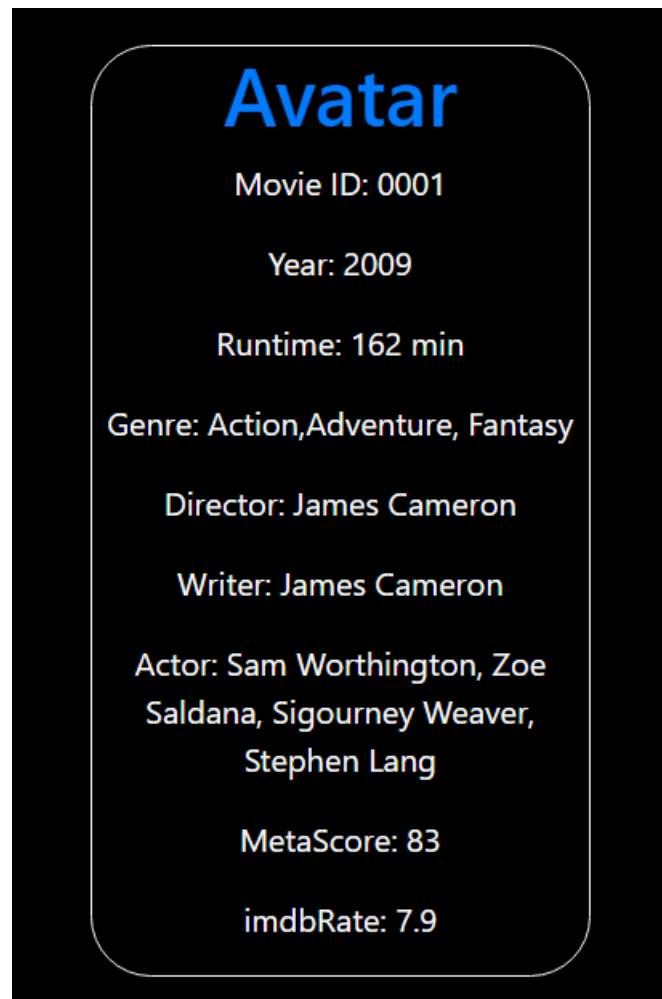
Step 03 – Click on the Update button



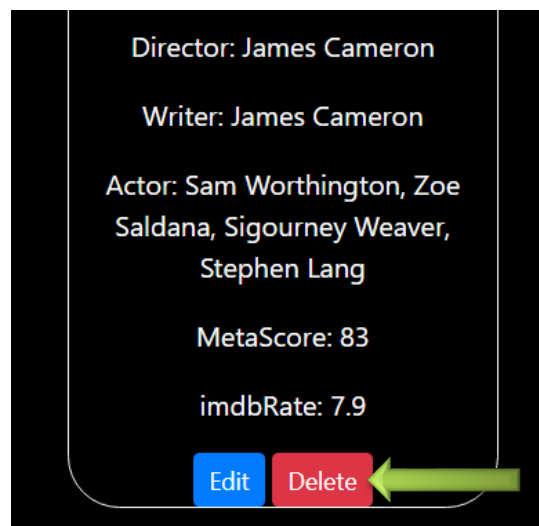
This screenshot shows the bottom portion of the edit panel. It features two input fields: 'Metascore' with the value '83' and 'imdbRating' with the value '7.9'. Below these fields is a blue 'Update' button. A red arrow points directly to the 'Update' button.

When clicking on the Update button run a query in the backend for the Update box office database.

This is the result after the update



03. Delete the Movie



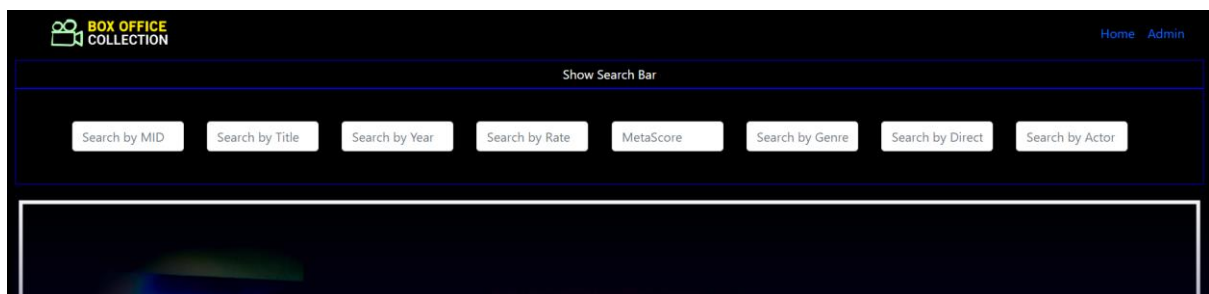
When clicking Delete Button the 'app.js' get the delete action and then runs the query for the deleted data from the database.

Search Bar

The search bar has hidden using jQuery



When the client clicks on Show Search Bar.



Website users can search As Movie ID, Title, Year, IMDB Rating, Meta Score, Genre, Director, and Actor

After the enter searching data Need to Press keyboard "Enter" Key. Then it posts the value of the input field to the "app.js". After the get type of data (ex:mid), it will provide searching data as you enter.