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As a student programmer, I am eager to learn and collaborate with other programmers to develop innovative solutions to complex problems. I am committed to staying up-to-date with the latest technologies and industry trends to ensure my skills remain relevant and valuable.

Description

From my point of view I have added separate login for admin and user. Admin can add , edit and delete a particular show and venue. User can see all movies displayed by admin and rate any show booked by him/her.

Technologies used

flask – flask, url_for, render_template, request, flash, redirect (to handle backend)
flask_sqlalchemy - SQLAlchemy (for database management)
 os – for finding directory of database
 matplotlib.pyplot as plt – for plotting graph

DB Schema Design

There are three database table I have used:
 1. Table name : login
    description : for storing username and password for newly registered users
    columns:
            username – String, unique, not null, primary key
            password – String, not null

2. Table name : movies_db
    description : for storing booking of movie that a user have bought and for storing rating
                      also with their username
    columns:
            username – String, primary key
            location – String, primary key
            venue – String, primary key
            place – String, primary key
            time – String, primary key
            date – String, primary key
            movie_name – String, primary key
            seats – String, primary key
            rating – String

3. Table name : movies

    description : for storing details of every movie with trailer, image, price, etc.

    columns:

            film_id – Integer, primary key

            movie_name – String

            venue – String, primary key

            place – String

            time – String, primary key

            location – String, primary key

            date – String, primary key

            price– Integer

            total_seats – Integer

            seats_left – Integer

            trailer – String

            image – String

            rating – String

            release_date – String

            description – String

            genre – String

API Design

API provide details like film_id, film_title, time, venue, date, description, image of film, location. All these details are fetched by the api and stored in the database "movies" and can be used for displaying movies in the ticket corner.

Architecture and Features

In my root folder there exist app.txt – in which my all controllers reside, my database table and api request. Template folder – all html files that need to be displayed. Static folder – all images reside in this folder

I have added separate login for admin and user. Admin can add , edit and delete a particular show and venue. User can see all movies displayed by admin and rate any show booked by him/her. API request for details of all current movies and their time and venues in real time.

Video

https://drive.google.com/file/d/1qLGINL9QfI3KK7IeIJ9TLyQP20_tGI7t/view?usp=sharing