Project Report for Ticket Show Application

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Description

This project is a prototype of a movie ticket booking web application similar to BookMyShow, TicketNew, etc.

Technologies used

- Flask for application code
- Jinja2 templating engine for templates
- SQLite for data storage
- CSS for styling

DB Schema Design

The Database Schema defines several tables:
- User table: contains information about registered users, including their username and password.
- Venue table: contains information about venues where shows can be performed, including the name, location, and capacity.
- Show table: contains information about the shows themselves, including their title, price, date added, ratings, and poster. Each show is associated with a venue, and can have multiple tags.
- Tag table: contains information about tags associated with shows, including their name.
- show_tags table: is an association table between shows and tags, to allow many-to-many relationships between shows and tags.
- bookings table: contains information about bookings made by users, including the name of the person who made the booking, the show they booked, the number of seats booked, the showtime, and the time of the booking.

Architecture and Features

All the project files are in a single folder named TicketShow. The root folder contains instance folder for database instance, static folder for CSS and images, templates folder for jinja2 templates and app.py file for flask application code.

While the app is running, The admin through admin dashboard page can add venues and shows, modify or can delete them.
Users can login to the user dashboard and can book tickets for desired shows.

Video

Will be updated soon