

Author

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As a student programmer, i am currently enrolled in a data science degree programme and have a deep interest in programming. My goal is to gain the skills and knowledge necessary to become a successful professional programmer.

Description

from my point of view i have added separate login for user and admin, admin can add, edit and delete venues and the shows on venues. And the summary user can have the access of the shows added by the admin also user can rate the shows he/she booked.

Technologies used

flask – framework to handel backend ;

flask_sqlalchemy - database management ;

urllib – for api request, json – to read json file ;

matplotlib – to plot rating graph, matplotlib.use('Agg'), os – finding directory

DB Schema Design

```
"admin" ( "username" TEXT NOT NULL UNIQUE, "password" TEXT NOT NULL, PRIMARY  
KEY("username"));
```

```
"movies" ( "serial" INTEGER, "id" TEXT, "title" TEXT, "poster" TEXT, "release_date" TEXT, "plot"  
TEXT, "rating" TEXT, "runtime" TEXT, "genre" TEXT, "venue_name" TEXT, "place" TEXT,  
"location" TEXT, "capacity" INTEGER, "show_name" TEXT, "timing" TEXT, "price" INTEGER,  
PRIMARY KEY("venue_name") );
```

```
"shows" ( "serial" INTEGER, "venue_name" TEXT, "showname" TEXT, "rating" TEXT, "timing"  
TEXT, "tags" TEXT, "price" INTEGER, "location" TEXT, "place" TEXT, "capacity" INTEGER,  
"newrate" TEXT, PRIMARY KEY("serial") );
```

```
"user" ( "username" TEXT NOT NULL UNIQUE, "password" TEXT NOT NULL, "towatch" TEXT,  
PRIMARY KEY("username") );
```

```
"userdash" ( "id" TEXT, "title" TEXT, "rating" TEXT, "rated" TEXT, "genere" TEXT, "poster" TEXT,  
"plot" TEXT, "language" TEXT, "newrate" TEXT, PRIMARY KEY("id") );
```

```
"venues" ( "venue_name" TEXT NOT NULL, "place" TEXT NOT NULL, "location" TEXT NOT NULL, "capacity" INTEGER, PRIMARY KEY("venue_name") );
```

API Design

the api is used to get the movie details ,details like movie title, imdb rating, poster, description, imdb id, and store it in database.

Api searches on the title base

Architecture and Features

i have added separate login for user and admin, admin can add, edit and delete venues and the shows on venues. And the summary user can have the access of the shows added by the admin also user can rate the shows he/she booked. Api for details of movies.

In my root folder app.txt has the flask backend and api call, in static there are logos and images, in tempelate folder there are all the html files.

Video

<https://drive.google.com/file/d/1cSimQOvcrk1TrKI8jDZR8XZ-Ml4AZE-u/view?usp=sharing>