

TICKET SHOW APPLICATION

Yanamadala sai nikhil

21f1001903

21f1001903@ds.study.iitm.ac.in

I'm currently pursuing my btech in non technical domain. I am very much interested in this IITM BS degree and looking forward to learn more.

Description

Ticketshow app is a kind of application where admin and users have different logins and admin can create venues and shows which users can book

Technologies used

flask - for app routing, templates rendering and redirecting. flask-SQLAlchemy - for connecting the SQLite database as a server with the flask application. flask_restful - to implement CRUD operations using flask API.

DB Schema Design

venue		
Column Name	Column Type	Constraints
vid	Integer	Primary Key, Auto Increment
venue	String	
loc	String	
cap	String	

show		
Column Name	Column Type	Constraints
sid	Integer	Primary key, Auto Increment
showname	String	

rating	Integer	
runtime	Integer	
uu	Integer	foreignkey
runtime	integer	
bookings	Integer	
userlogin		
Column Name	Column Type	Constraints
uid	Integer	Primary Key, Auto Increment
pass1	String	
username1	String	
adminlogin		
Column Name	Column Type	Constraints
aid	Integer	Primary Key, Auto Increment
pass0	String	
username	String	
feedback		
Column Name	Column Type	Constraints
feedid	Integer	Primary Key, Auto Increment
feedback	String	

API Design

API was designed for interaction with lists and cards using CRUD operations.

Venue,shows have GET , POST , DELETE, PUT

GET (fetches venue/show for a particular list), POST (creates a new venue/show),

DELETE(deletes the existing venue/show), PUT (updating the existing venue/show).

YAML file for the API documentation is attached in the root directory.

Architecture

In the root directory, there are folders as application which contains (api.py, validation.py, etc), templates which contains all html files, other files in the root directory are YAML file, local_run.sh, local_setup.sh, main.py, requirements.txt.

Features

In ticketshow Application, a user can login with username and can book tickets in his dashboard.admin can login using adminlogin and can create venues and shows .

It has the features to book tickets and it displays housefull when the tickets are booked

It has search by option you can search using venue or loc name

Video:

<https://drive.google.com/file/d/1Xsv7DyEHS3i3AabYccnUe3aqzIPC041/view>