

## TICKET SHOW APPLICATION

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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

Vuejs - for app routing, 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	Column Type	Constraints
Name		
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	
<b>userlogin</b>		
<b>Column Name</b>	<b>Column Type</b>	<b>Constraints</b>
uid	Integer	Primary Key, Auto Increment
pass1	String	
username1	String	
<b>adminlogin</b>		
<b>Column Name</b>	<b>Column Type</b>	<b>Constraints</b>
aid	Integer	Primary Key, Auto Increment
pass0	String	
username	String	
<b>feedback</b>		
<b>Column Name</b>	<b>Column Type</b>	<b>Constraints</b>
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),vue components, 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: [video](#)