

Author

Aryan Pratap Maurya
22f1000559
22f1000559@ds.study.iitm.ac.in

I am seeking a challenging position in a reputable organization to expand and utilize my learning, skills and knowledge. Possess excellent communication skills and have an eye for detail. Flexible to work in any environment as required.

Description

This project mainly contain two parts in which one is admin part where we can register and login to create venue and show and to modify it according to requirement. And another part is user where ant one can register and login to book any show from any venue. These contain some other features.

Technologies used

1. Flask - for application code
2. Jinja2 templates and Bootstrap for HTML generation and styling.
3. SQLite and SQLAlchemy for data storage.

DB Schema Design

This project's database contain 5 schema that is user, admin, venue, show , booking.

In this there is one to many relationship between venue to show and show to booking.

The attribute of show table is given below:

Show_id: It store the id of show
Show_name: It contain name of show
Venue: it store the venue in which this show is running
Tags: It tells about type of show
Price: It tells price of given show

API Design

I have not implemented the API functionality (part of the recommended section and not core).

Architecture and Features

- a. The project is organized using the Model-View-Controller (MVC) architecture, with the controllers handling logic and routing, templates for displaying views, and models for interacting with the database.
- b. User can able to :
 - Book the show with multiple seats.
 - Can search the show on based of place and so on
- c. Admin can able to:
 - Create venue and show and can modify it easily
 - Can rate the show and decide to where it will run

Video

https://drive.google.com/file/d/1IRPKEvtrTwFVVwyfu_jPO4D4OcpyG4Tv/view?usp=share_link