Show Booking Application

Project Author

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About Me: - I am an enthusiastic student who has a strong enthusiasm for programming and web development. I am a committed learner in the field of computer science thanks to his desire to learn and experiment with new technologies

Project Descriptions: -

The user can book many shows at various locations using this web-based Show Booking Application. Users may also search for their shows using criteria such as location, city, show name, and genre. On the other hand, this application also contains an admin area where the admin may fully control the management of various shows across multiple venues. All (CRUD) operations on any Show and Venue are available to Admin.

Technologies used:-

HTML/Jinja2 Templates:- For creating dynamic web pages

CSS/ Bootstrap/Tailwindcss:- For styling all the pages

Flask:- For writing all the backend business logic

Flask-SQLAlchemy:- For creating database and storing data in it
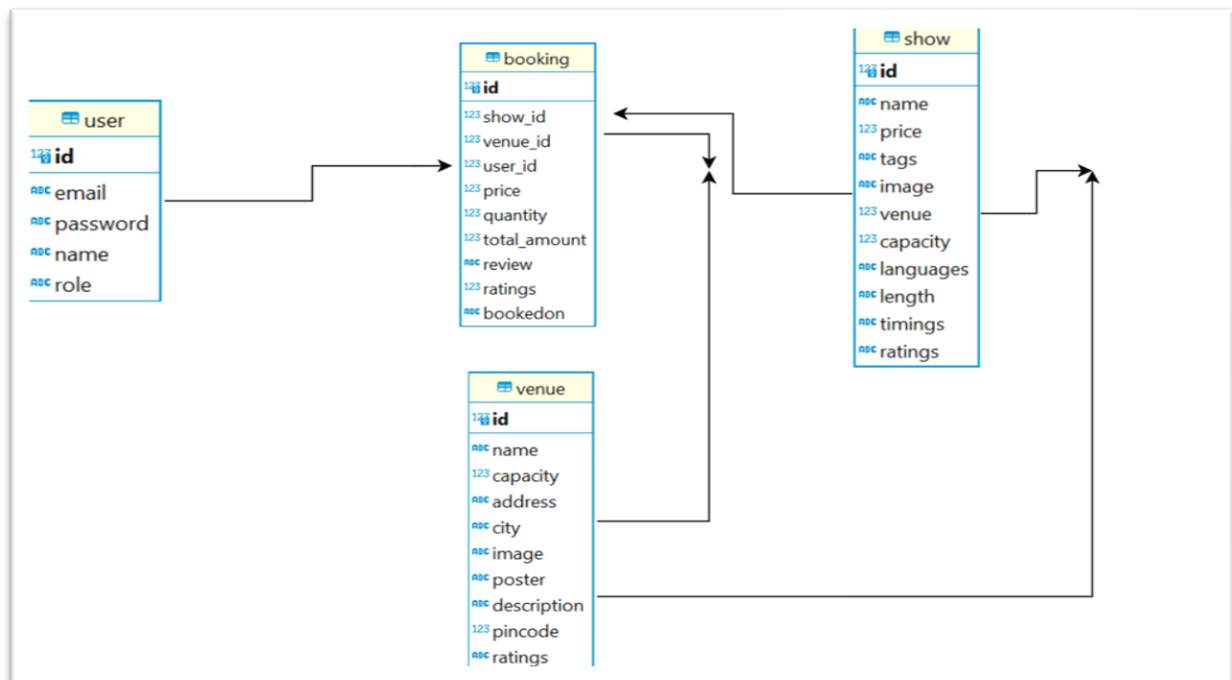
SQLite:- Database vendor

Werkzeug:- User authentication and password hashing

Architecture and Features

- · Show Booking Application is an MVC Driven API based Architecture based on Flask framework and powered by SQLite Database

- · Models :- Show, Venue, Booking, User

- · Controller:- ShowController, VenueController, AdminController, HomeController ,Booking Controller and their respective business logic are kept in these separate files

- Views :- All HTML Files along with their bootstrap are keep in a view like folder called templates.

Database Schema Design:-

Video Link:-