Movie Ticket Booking App

Roll_no : 21f1001944
Email-id : 21f1001944@ds.study.iitm.ac.in
Name : OZA JAY AMIT

This is a web application built with Flask framework, VueJS and celery which allows users to book tickets for movies/shows.

Features

- Users can sign up and log in to their account
- Admin can log in and manage shows, venues, and user bookings
- Users can view available shows and theatres and book tickets for them
- Admin can add new shows and theatres, and delete existing ones
- Admins can see the Backend Jobs
- Users receive daily emails if tickets are not booked
- Admin can edit the shows, venues

Installation

1. Download this code on your local repository
2. Create a virtual environment by making python -m venv env
3. Enter the virtual environment by entering the code in terminal . env/bin/activate [MAC OS]
4. Run the app using python app.py
5. Run npm run serve in another terminal

Technologies Used:

1. Flask
2. Jinja2
3. SQL Alchemy
4. HTML
5. CSS
6. VUEJS
7. CELERY
8. REDIS

Usage

User

1. Visit the home page and click on the "Sign Up" button to create a new account.
2. Once logged in, the user can view the available shows and venues by clicking on the "View Shows" and "View Theatres" buttons.
3. To book a ticket for a show, click on the "Book Tickets" button and select the desired number of tickets.
4. Review the booking details and confirm the booking.
5. The user can view their bookings on their dashboard.

Admin

1. Visit the home page and click on the "Admin Login" button to log in as an admin.
2. Once logged in, the admin can manage shows, venues, and user bookings by clicking on the corresponding buttons on their dashboard.

DB Schema Design

1. **Admin Table**
- Email
- Username
- Password
2. **User**
- Email
- Username
- Password
- Booking Details

3. **Theatre**
- Theatre_id
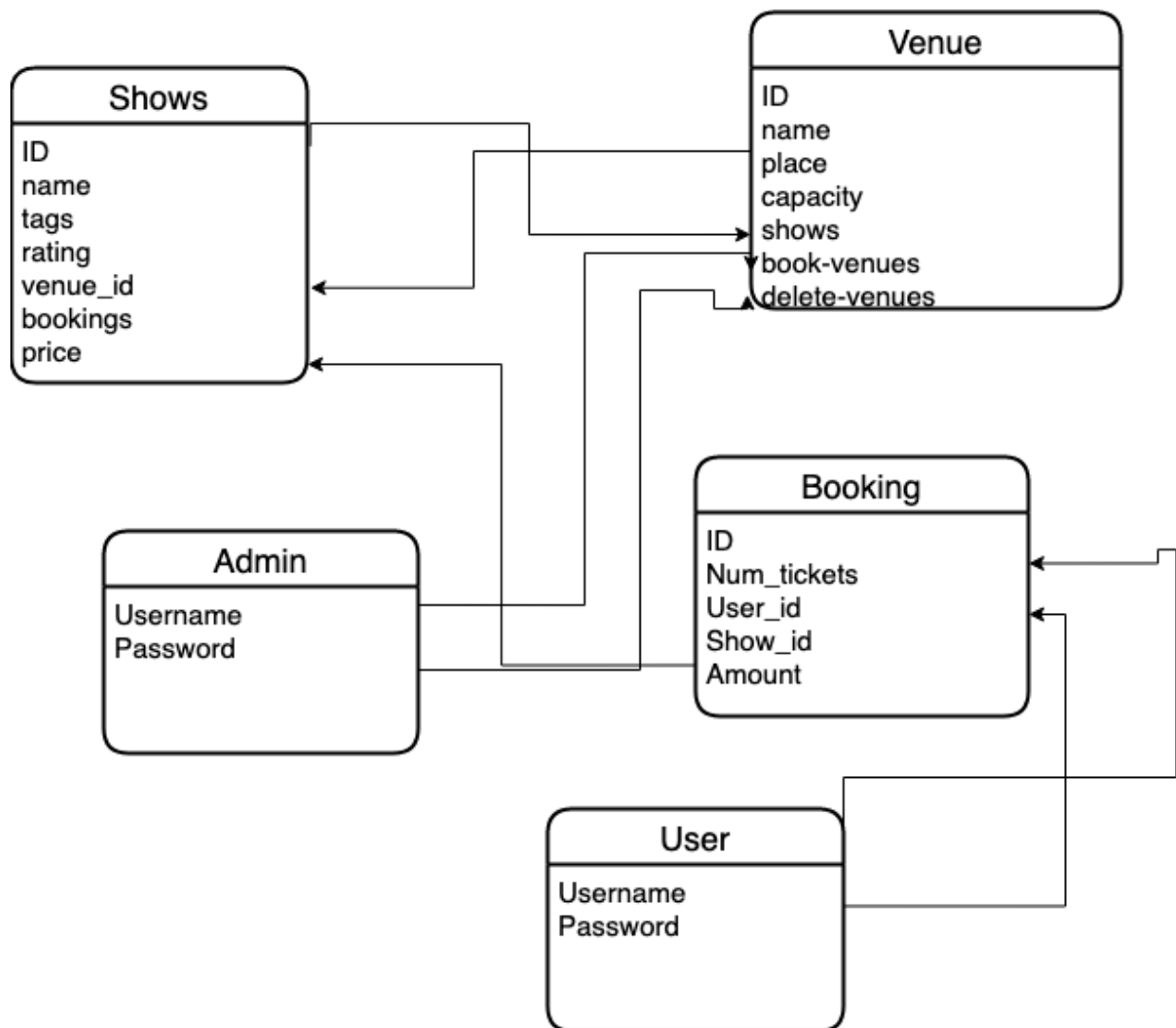- Theatre_name
- Theatre_place
- Theatre_capacity

4. **Show**
- Show_id

- Show_name
- Rating
- Bookings
- Show Price
- Date

5. Booking
- Amount
- Venue
- Show
- Number of Tickets

ER Diagrams

VIDEO LINK :

https://drive.google.com/file/d/1FPsHiCj5SGP4DHU6RYIfnqU4QfnJgm7G/view?usp=drive_link