

Ticket Show - Modern Application

Development - I

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I am Akhilesh Singh Shrinet, studying at Diploma level. I am a working professional. I am fairly new to Python. I love to learn and write code.

Storyline:

My main objective is to develop an application for Movies/Show booking and pay online with different parameters with care of customers like Location, Venue, Timeslot and payment online.

Once a customer lands on our web page, He will select movies/Show/Events according to his choice and select Location according convenience. After the section of Location/Venue he will select a time slot and date according to his free time availability.

Once he chooses everythings, he can choose seat choice and ticket quantity. Once he confirms everythings, he can book the ticket.

Project Overview:

Here I need to develop an application using Python language, Where user/Customer Book the show according to suitable time, Location and Venue.

For this application I developed 2 dashboards.

1- Customer/User dashboard

2- Admin Dashboard

Movie ticket booking:

ShowTimes allows users to book movie tickets for the latest movies in venues. Users can select the movie, theater, showtime, and seats, and pay for the tickets online.

Seat selection:

Users can select their preferred seats for movies on ShowTimes. They can view the seat layout and choose seats based on their preferences.

Reviews and ratings:

ShowTimes allows users to review and ratings of movies, events, and booking tickets. This helps users make informed decisions and choose the best entertainment options.

Technology Used:

- Backend: Python, Flask, sqlite
- Frontend: Jinja2, Bootstrap 4, jquery
- DB Schema Design: I created several required Schema like User, Venue, Shows, ShowImages, Bookings and ratings.
- Architecture and Features: I followed the MVC architecture to accomplish the task. I structured the application in modular/package style. The project is organised in App directory with supporting packages like Api, Main, Config, Auth, Templates etc. I placed `__init__` file in every package for import.

Video Link

<https://youtu.be/Qo-h0WO4j8U>

-----Thank You-----