

Author:

Name: Rohit Prajapat

Roll No.: 22f1001536

Email : 22f1001536@ds.study.iitm.ac.in

Description:

The project is a web application that provides a platform for event management. Users can search for events, view information about events, and purchase tickets for events. The web application also includes a management portal for administrators to manage events, venues, and shows.

Features:

1. User Registration and Login: Users can register and create an account. After creating an account, users can log in to view their account information and purchase tickets for events.
2. Event Search: Users can search for events by name, date, or location. The search results are displayed in a list view, and users can view detailed information about each event by clicking on the event.
3. Ticket Purchasing: Users can purchase tickets for events. The web application supports multiple payment methods, including credit card, PayPal, and bank transfer.
4. Management Portal: Administrators can log in to the management portal to manage events, venues, and shows. The management portal includes features such as adding new events, updating event information, adding new venues, and managing shows.
5. Venue Management: Administrators can add new venues, update venue information, and delete venues. The venue information includes name, address, capacity, and an image.
6. Show Management: Administrators can add new shows, update show information, and delete shows. The show information includes name, description, rating, tags, price, start time, and an image.

Technology Stack:

The web application is built using the Flask web framework, which is a lightweight framework for building web applications in Python. The database used in the application is SQLite, which is a lightweight database engine. The application uses HTML, CSS, and JavaScript for the front-end.

Conclusion:

In conclusion, the event management web application is a platform for users to search for and purchase tickets for events. The web application provides a user-friendly interface for event search and ticket purchasing. The management portal provides administrators with the tools to manage events, venues, and shows. The use of Flask and SQLite makes the web application lightweight and easy to maintain. Overall, the event management web application is a useful tool for event organizers and users alike.

Video link:

<https://drive.google.com/file/d/1J2NMbyxrKCGma15uiYHxasWA-g8bBi0/view?usp=sharing>