Movie Ticket Booking System - Class Summary

Movie

Handles movie-related operations such as inserting new movies and displaying movies from the database.

Attributes:

- DatabaseOperation db

Methods:

- insertMovie(title, genre, rating, duration, synopsis)
- showMovies()

MovieTicketDriver

Main driver class that handles user and admin sign-ups/logins and provides the main menu options.

Attributes:

- Scanner sc
- DatabaseOperation db

Methods:

- user_signup()
- user_login()
- admin_signup()
- admin_login()
- main(args)

Showtime

Manages showtimes for movies, including insertion and retrieval of showtime details.

Attributes:

- DatabaseOperation db

Methods:

- insertShowtime(MovieID, TheaterID, showtime)
- showShowtimes()
- showShowtimesDetails(showtimeID)
- getTheaterCapacity(showtime)

Theater

Handles theater-related operations such as inserting new theaters and retrieving theater information.

Attributes:

- DatabaseOperation db

Methods:

- insertTheater(location, SeatingCapacity)
- showTheaters()