Assignment-1

Ticket Booking System

Aim :- You are tasked with creating a ticket booking system for a Event. The system should support booking tickets for different types of events, such as movies, concerts, and plays. Each event has its own pricing strategy, and the system should also track available seats and customer bookings.

Tasks 1: Database Design

1. Create the database named "Ticket Booking System".

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1. Write SQL scripts to create the mentioned tables with appropriate data types, constraints, and relationships.

* Venue

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* Event

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* Customer

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* Booking

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Tasks 2: Select, Where, Between, AND, LIKE

1. Write a SQL query to insert at least 10 sample records into each table.

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1. Write a SQL query to list all Events.

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1. Write a SQL query to select events with available tickets. (No quantity is mentioned so taken 10000 as input).

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1. Write a SQL query to select events name partial match with ‘cup’. (No name has “cup” in name so none value shown)

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1. Write a SQL query to select events with ticket price range is between 1000 to 2500.
2. Write a SQL query to retrieve events with dates falling within a specific range.

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1. Write a SQL query to retrieve events with available tickets that also have "Concert" in their name.

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1. Write a SQL query to retrieve users in batches of 5, starting from the 6th user.

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1. Write a SQL query to retrieve bookings details contains booked no of ticket more than 4.

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1. Write a SQL query to retrieve customer information whose phone number end with ‘000’

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1. Write a SQL query to retrieve the events in order whose seat capacity more than 15000.
2. Write a SQL query to select events name not start with ‘x’, ‘y’, ‘z’ (None is present in table)

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Note:- Further Task will be updated as soon as we’ll understand them in class.

Thankyou

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