Task 3

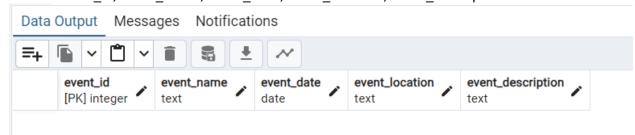
Project: Event Management System using PostgreSQL.

Objective: To develop the application that allows users to create and manage events, track attendees, and handle event registrations efficiently. The project will include the following tasks:

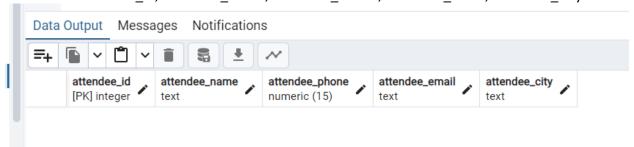
1. Database Creation

Create a database named "EventsManagement." Create tables for Events, Attendees, and Registrations.

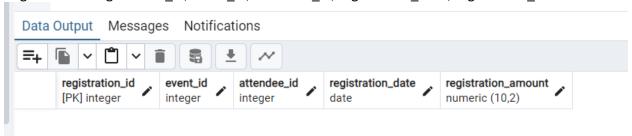
Events- Event Id, Event Name, Event Date, Event Location, Event Description



Attendees- Attendee_Id, Attendee_Name, Attendee_Phone, Attendee_Email, Attendee_City



Registrations-Registration_id, Event_Id, Attendee_Id, Registration_Date, Registration_Amount.

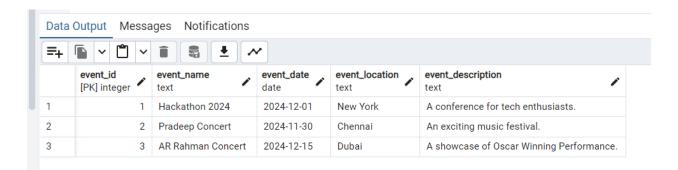


The FOREIGN KEY constraint in the Registrations table references the Event_Id column in the Events table and the Attendee_Id column in the Attendees table.

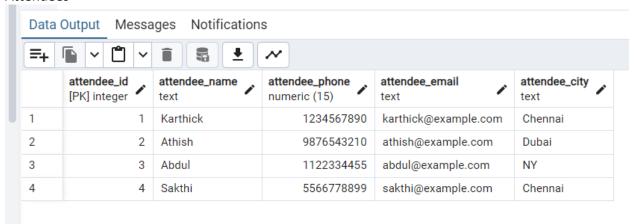
2. Data Creation

Insert some sample data for Events, Attendees, and Registrations tables with respective fields.

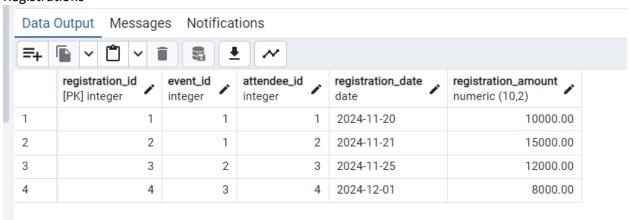
Event



Attendees

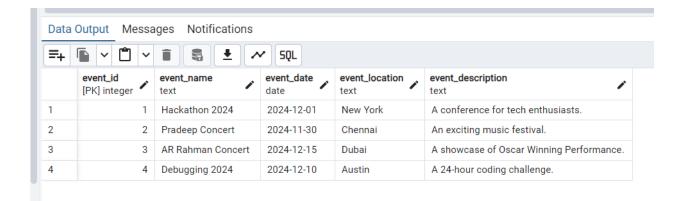


Registrations

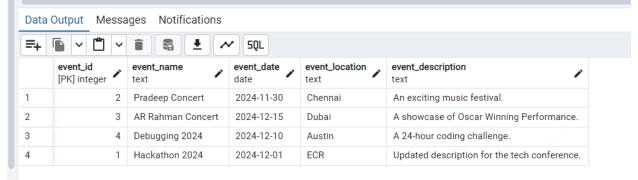


3. Manage Event Details

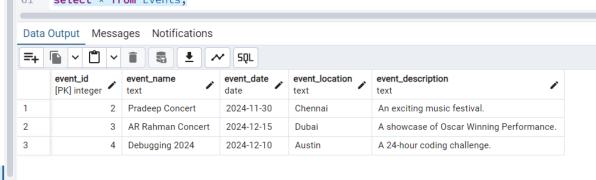
a) Inserting a new event.



b) Updating an event's information.

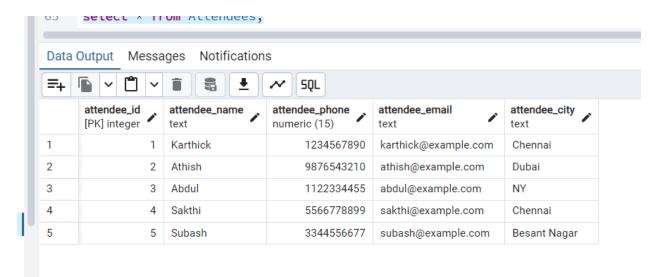


c) Deleting an event.



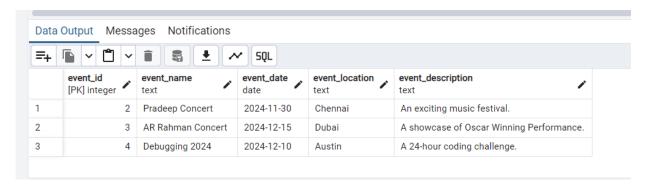
4) Manage Track Attendees & Handle Events

a) Inserting a new attendee. b)Registering an attendee for an event.

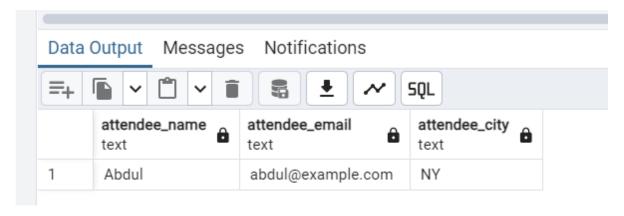


5. Develop queries to retrieve event information, generate attendee lists, and calculate event attendance statistics.

Retrieve event information



generate attendee lists



calculate event attendance statistics.

