### Task 3

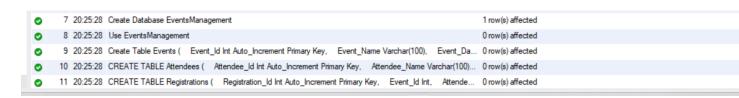
Project: Event Management System using PostgreSQL.

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

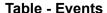
Create a database named "EventsManagement." Create tables for Events, Attendees, and Registrations.

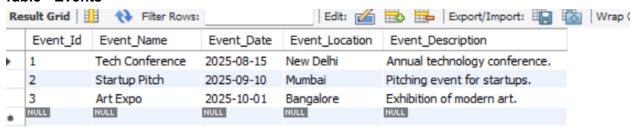
Events- Event\_Id, Event\_Name, Event\_Date, Event\_Location, Event\_Description
Attendees- Attendee\_Id, Attendee\_Name, Attendee\_Phone, Attendee\_Email, Attendee\_City
Registrations-Registration\_id, Event\_Id, Attendee\_Id,Registration\_Date,Registration\_Amount.
The FOREIGN KEY constraint in the Registrations table references the Event\_Id column in the Events table and the Attendee\_Id column in the Attendees table.



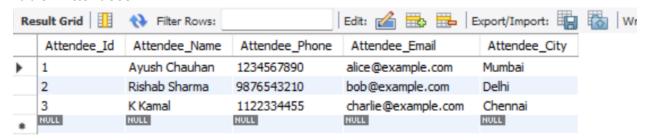
#### 2. Data Creation

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

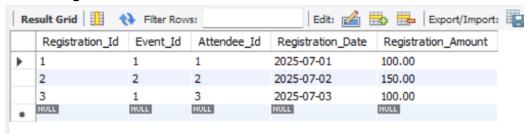




**Table - Attendees** 

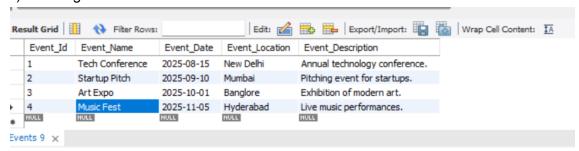


# **Table - Registrations**

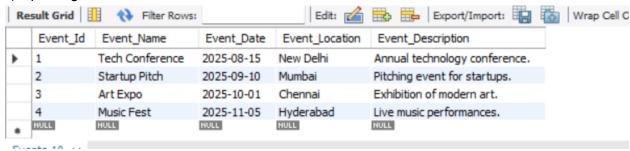


## 3. Manage Event Details

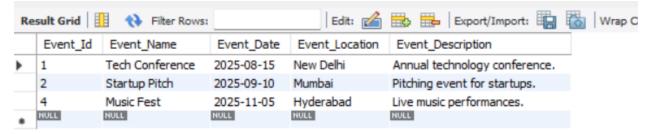
a) Inserting a new event.



b) Updating an event's information.

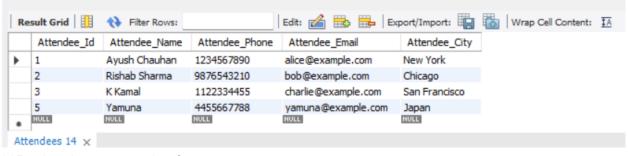


c) Deleting an event.

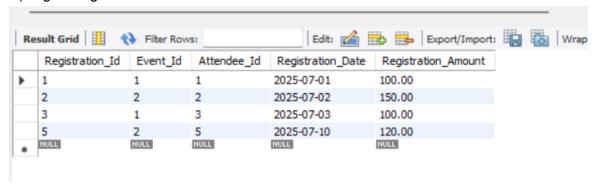


# 4) Manage Track Attendees & Handle Events

a) Inserting a new attendee.

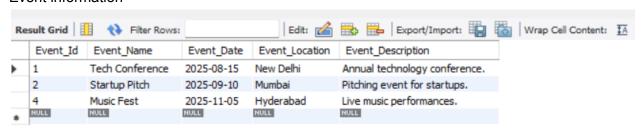


b)Registering an attendee for an event.

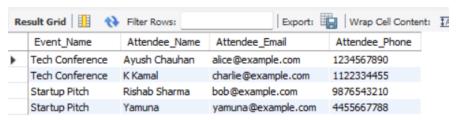


5.Develop queries to retrieve event information, generate attendee lists, and calculate event attendance statistics.

## Event information -



#### Attendee list -



# Attendees statistics -

