<div align="center">**Project proposal – Database Technology**</div>

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I'm going to take topic number 7 which is the **E-ticketing management system.**

E-ticketing management system

Background:

The reason why I decided to take this topic is because I really like to watch music concert/festival. Some of the music festivals, don't have a good e-ticketing management system yet. Thus, that's why I chose this topic.

Aim:

We aim **to ease both the customers and the event organizer** to sell and buy their music festival tickets.

Target user:

People who want to watch music festivals.

Event organizer who wants to sell their music festival tickets.

List of relations:

First table is the **choose music festival (CMF-TABLE)** – this table contains the name of the music festivals, the ID of the music festival, and the date of the music festival.

(mID, mName, mD)

- The primary key will be the mID

The second table is the **add customer (AC-TABLE)** – this table allowed to save the details of the customers. This table contains the ID of the customers, name of the customers, gender, age, email, password.

(cID, cName, cGender, cAge, cEmail, cPass)

- The primary key will be the cID

Third table is the **buy ticket (BT- TABLE)** – this table allowed the customers to choose the ID of the music festival that they want and how many tickets they want to buy. This table will contain the ID of the music festival, the name of the music festival, the ID of the customers, the number of tickets that they want.

(mID, mName, cID, amt)

- The primary key will be the amt

Fourth table is the **result (R-TABLE)**- this table will contain the result ID, ID of the customers, name of the customers, the id of the music festival, the name of the festival, and the amount of ticket bought by the customers.

(rID, cID, cName, mID, mName, amt)

- The primary key will be the result ID

There will be 2 roles here

The first one is the **customers**

The second one is the **admin**

The admin can add and edit the details of the music festivals and also can edit the details of the customers.