

1. Client Table

Description: Stores information about each client.

Columns:

clientID (Primary Key, INT): Unique identifier for each client.

name (VARCHAR): The name of the client.

age (INT): Age of the client.

isUnderage (BOOLEAN): Indicates if the client is underage.

Relationships:

One-to-many relationship with the Booking table.

Optional one-to-one relationship with the Guardian table (for underage clients).

2. Booking Table

Description: Records each booking made by a client for a specific offering.

Columns:

bookingID (Primary Key, INT): Unique identifier for each booking.

clientID (Foreign Key, INT): References Client(clientID).

offeringID (Foreign Key, INT): References Offering(offeringID).

status (VARCHAR): Status of the booking (e.g., "Confirmed", "Canceled").

bookingDate (DATE): Date of the booking.

Relationships:

Many-to-one relationship with Client.

Many-to-one relationship with Offering.

3. Offering Table

Description: Contains details of each offering that the organization provides.

Columns:

offeringID (Primary Key, INT): Unique identifier for each offering.

location (VARCHAR): Location of the offering.

timeSlot (VARCHAR): Scheduled time slot for the offering.

isAvailable (BOOLEAN): Indicates if the offering is available for booking.

Relationships:

One-to-many relationship with Booking (one offering can be booked multiple times but only once per time slot).

4. Guardian Table (Optional, for Underage Clients)

Description: Stores information about guardians of underage clients.

Columns:

guardianID (Primary Key, INT): Unique identifier for each guardian.

name (VARCHAR): The name of the guardian.

clientID (Foreign Key, INT): References Client(clientID).

Relationships:

One-to-one relationship with Client (only underage clients have guardians).

