- **Events**

a) Event ID
b) Event Name
c) Date
d) Location
e) Type

- **Clients**

a) Client ID
b) Name
c) Contact Information
d) Personal Details
e) Event Preferences

- **Client Interactions**

a) Interaction ID
b) Client ID
c) Type (e.g., consultation, contract, feedback)
d) Date
e) Details

- **Resources**

a) Resource ID
b) Type (e.g., venue, equipment, staff)
c) Availability
d) Schedule
e) Staff Requirements (if applicable)

- **Vendors**

a) Vendor ID
b) Name
c) Contact Information
d) Type (e.g., equipment supplier, venue provider)

- **Bookings**

a) Booking ID
b) Event ID
c) Resource ID
d) Date
e) Details

- **Financials**

a) Invoice ID
b) Event ID
c) Amount
d) Payment Status
e) Date

- **Reports**

a) Report ID
b) Type (e.g., performance, client satisfaction, resource utilization)
c) Date
d) Details

- **Event Types**

a) Type ID
b) Type Name
c) Description

- **Event Details**

a) Event ID
b) Detailed Description
c) Agenda/Schedule

- **Contracts**

a) Contract ID
b) Client ID
c) Event ID
d) Contract Details
e) Signed Date

- **Payments**

a) Payment ID
b) Invoice ID
c) Payment Amount
d) Payment Date
e) Payment Method

- **Expenses**

a) Expense ID
b) Event ID
c) Expense Type
d) Amount
e) Date
f) Description

- **Resource Types**

a) Resource Type ID
b) Resource Type Name
c) Description

- **Feedback**

a) Feedback ID
b) Client ID
c) Event ID
d) Rating

e) Comments
f) Date

- **Attendees**

a) Attendee ID
b) Event ID
c) Name
d) Contact Information

- **Venue Bookings**

a) Venue ID
b) Booking Count

1. Events

a) Primary Key: EventID

2. Clients

a) Primary Key: ClientID

3. Client Interactions

a) Primary Key: InteractionID

b) Foreign Key: ClientID (references Clients.ClientID)

4. Resources

a) Primary Key: ResourceID

b) Foreign Key: Resource Type (references Resource Types.ResourceTypeID, if applicable)

5. Vendors

a) Primary Key: VendorID

6. Bookings

a) Primary Key: BookingID

b) Foreign Key: EventID (references Events.EventID)

c) Foreign Key: ResourceID (references Resources.ResourceID)

7. Financials

a) Primary Key: InvoiceID

b) Foreign Key: EventID (references Events.EventID)

8. Reports

a) Primary Key: ReportID

9. Event Types

a) Primary Key: TypeID

10. Event Details

a) Primary Key: EventID (references Events.EventID)

11. Contracts

a) Primary Key: ContractID

b) Foreign Key: ClientID (references Clients.ClientID)

c) Foreign Key: EventID (references Events.EventID)

12. Payments

a) Primary Key: PaymentID

b) Foreign Key: InvoiceID (references Financials.InvoiceID)

13. Expenses

a) Primary Key: ExpenseID

b) Foreign Key: EventID (references Events.EventID)

14. Resource Types

a) Primary Key: ResourceTypeID

15. Feedback

a) Primary Key: FeedbackID

b) Foreign Key: ClientID (references Clients.ClientID)

c) Foreign Key: EventID (references Events.EventID)

16. Attendees

a) Primary Key: AttendeeID

b) Foreign Key: EventID (references Events.EventID)

17. Venue Bookings

a) Primary Key: VenueID

b) Foreign Key: ResourceID (references Resources.ResourceID)

1. Find the event that generated the highest revenue.

` SELECT EventID, SUM(Amount) AS TotalRevenue FROM Financials GROUP BY EventID ORDER BY TotalRevenue DESC LIMIT 1;`

2. Calculate the average number of attendees per event type.

` SELECT ET.TypeName, AVG(AttendeeCount) AS AverageAttendees FROM (SELECT E.TypeID, COUNT(A.AttendeeID) AS AttendeeCount FROM Events E JOIN Attendees A

ON E.EventID = A.EventID GROUP BY E.EventID) AS EventAttendeeCounts JOIN EventTypes ET ON EventAttendeeCounts.TypeID = ET.TypeID GROUP BY ET.TypeName;`

3. Retrieve the minimum number of staff required for any event.

`SELECT MIN(StaffRequirements) AS MinStaffRequired FROM Resources WHERE Type = 'staff';`

4. Find the client who has hosted the most events.

`SELECT C.ClientID, C.Name, COUNT(E.EventID) AS EventCount FROM Clients C JOIN Events E ON C.ClientID = E.ClientID GROUP BY C.ClientID, C.Name ORDER BY EventCount DESC LIMIT 1;`

5. List the top 5 most booked venues.

`SELECT ResourceID, COUNT(*) AS BookingCount FROM Bookings WHERE ResourceID IN (SELECT ResourceID FROM Resources WHERE Type = 'venue') GROUP BY ResourceID ORDER BY BookingCount DESC LIMIT 5;`