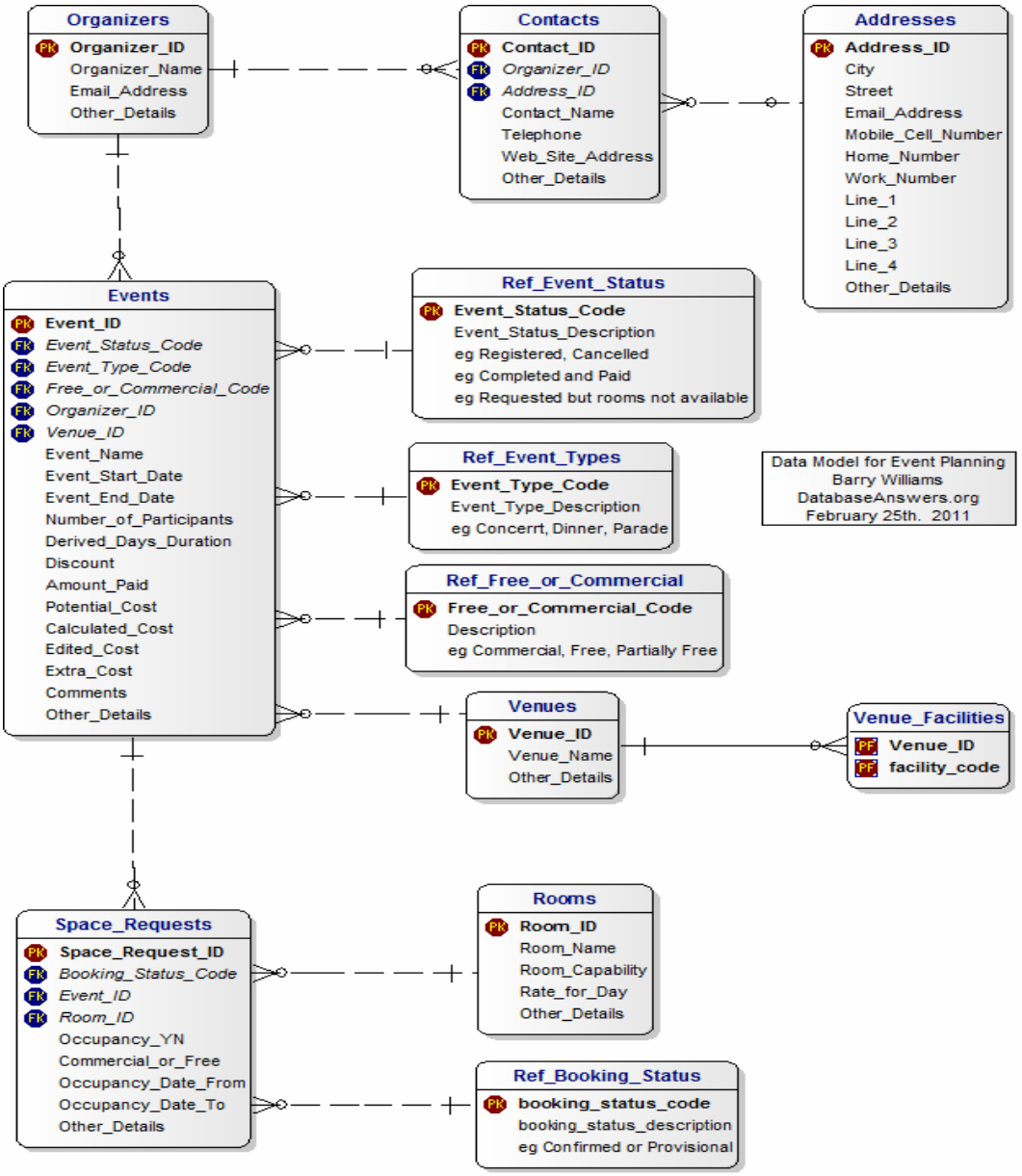
SAMPLE DATA MODEL & ANALYSIS

Data Model https://fordnox.github.io/databaseanswers/data_models/event_planning/index.htm



Original Scope & Key Components

1. Organizers

- **Attributes:**
  - **Organizer_ID (Primary Key)**
  - **Organizer_Name**
  - **Email_Address**
  - **Contact_ID (Foreign Key)**
  - **Web_Site_Address**
  - **Mobile_Number**
  - **Other_Details**

2. Contacts
- **Attributes:**
  - **Contact_ID (Primary Key)**
  - **Address_ID (Foreign Key)**
  - **Contact_Number**
  - **Telephone**
  - **Web_Site_Address**
  - **Other_Details**

3. Addresses
- **Attributes:**
  - **Address_ID (Primary Key)**
  - **City**
  - **Street**
  - **Line_1**
  - **Line_2**
  - **Line_3**
  - **Line_4**
  - **Other_Details**

4. Events
- **Attributes:**
  - **Event_ID (Primary Key)**
  - **Event_Name**
  - **Event_Status_Code (Foreign Key)**
  - **Event_Type_Code (Foreign Key)**
  - **Organizer_ID (Foreign Key)**
  - **Venue_ID (Foreign Key)**
  - **Event_Start_Date**
  - **Event_End_Date**
  - **Event_Duration**
  - **Potential_Cost**
  - **Number_of_Participants**
  - **Other_Details**

5.Ref_Event_Status
- **Attributes:**
  - **Event_Status_Code (Primary Key)**
  - **Event_Status_Description**

6. Ref_Event_Types
- **Attributes:**
  - **Event_Type_Code (Primary Key)**
  - **Event_Type_Description**

7. Venues
- **Attributes:**
  - **Venue_ID (Primary Key)**
  - **Venue_Name**

- Location
- Capacity
- Other_Details

8. Venue_Facilities
- Attributes:
- Venue_ID (Foreign Key)
- Facility_Code

9. Rooms
- Attributes:
- Room_ID (Primary Key)
- Room_Name
- Room_Capacity
- Rate_Per_Day
- Other_Details

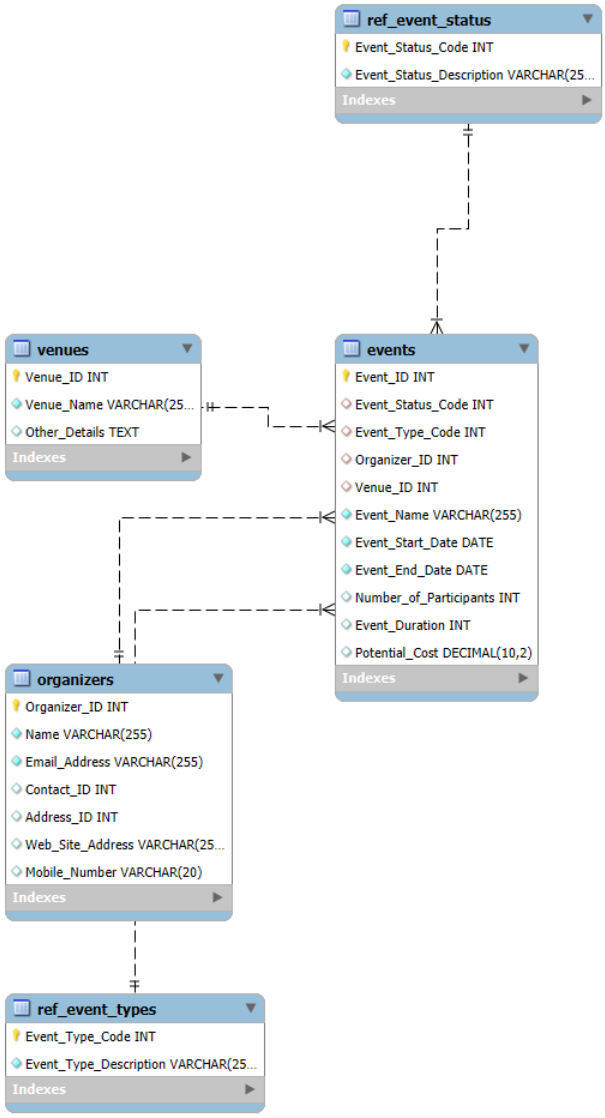
10. Space_Requests
- Attributes:
- Space_Request_ID (Primary Key)
- Event_ID (Foreign Key)
- Room_ID (Foreign Key)
- Occupancy_Date_From
- Occupancy_Date_To
- Booking_Status_Code (Foreign Key)

11. Ref_Booking_Status
- Attributes:
- Booking_Status_Code (Primary Key)
- Booking_Status_Description

12.Ref_Free_or_Commercial
-Attributes
-Free_o_rCommercial_Desc

Original System:
- **12 tables**
- **Complex reference system**
- **Too many unnecessary details**
- **Multiple contact methods**

Minimized Scope - Essential Features Only



1. Organizers
   - Attributes:
     - Organizer_ID
     - Name
     - Email_Address
     - Contact_Number

2. Venues
   - Attributes:
     - Venue_ID
     - Venue_Name
     - Location
     - Capacity

3. Events
   - Attributes:
     - Event_ID
     - Event_Name
     - Event_Start_Date
     - Event_End_Date
     - Organizer_ID (Foreign Key)
     - Venue_ID (Foreign Key)
     - Event_Type_Code (Foreign Key)
     - Potential_Cost

4. Event_Types
   - Attributes:
     - Event_Type_Code (Primary Key)
     - Event_Type_Description

5. Event_ Status
   - Attributes:
     - Event_Status_Code (Primary Key)
     - Event_Type_Description

Simplified System:

- **5 core tables**
- **Direct relationships**
- **Basic client info**
- **No more unnecessary extra details**

Example User Stories:

As an organizer, I want to create an event with details such as name, venue, start date, and end date, so that I can manage my schedule effectively. I want to track the number of participants and potential costs for each event, so that I can budget effectively

As an event planner, I want to classify my events into types like, so that I can analyze trends.

As a venue manager, I want to view all events happening at my venue, so that I can prepare accordingly.

As a guest, I want to browse events by category and date, so that I can find events that interest me.

The original model includes 12 detailed tables. It is noted for its complexity and inclusion of unnecessary details, such as multiple contact methods and intricate relationships.

The simplified model maintains essential functionality while being easier to manage and scale. It emphasizes direct relationships and minimizes complexity by excluding non-essential details like room management or advanced booking structures.