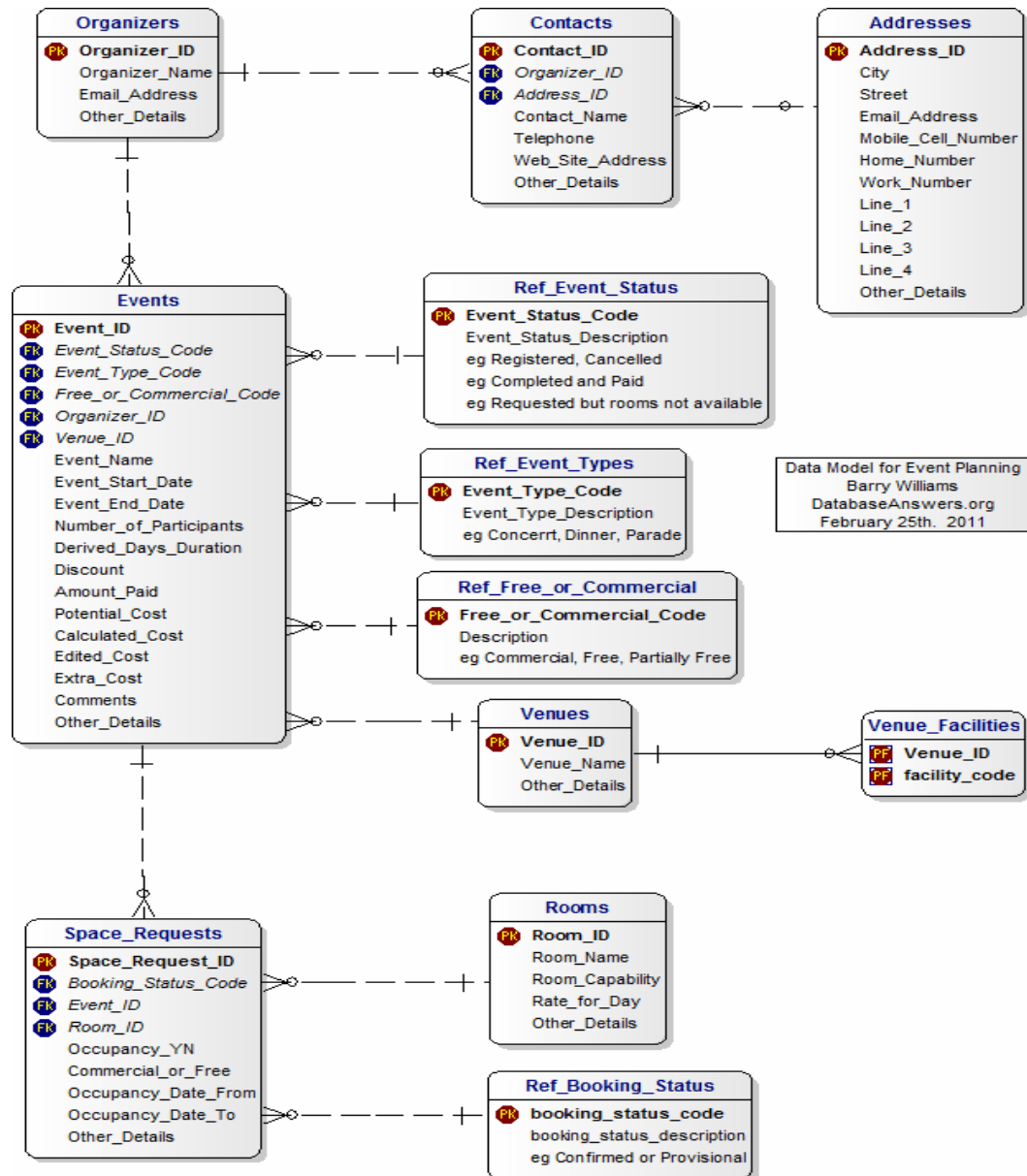


## SAMPLE DATA MODEL & ANALYSIS

Data Model [https://fordnox.github.io/databaseanswers/data\\_models/event\\_planning/index.htm](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\_or\_Commercial\_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

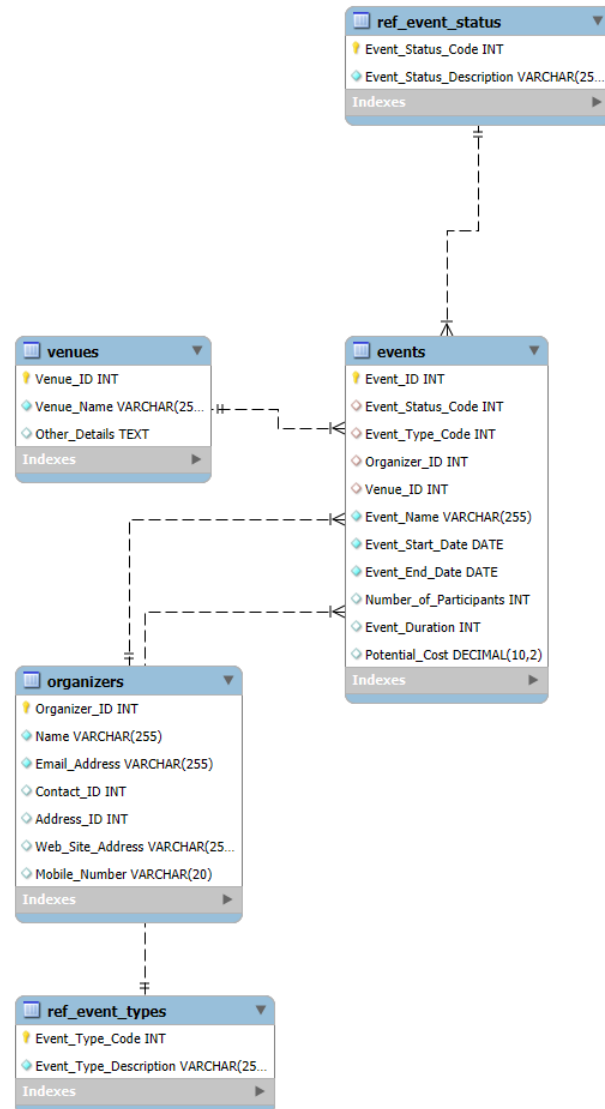
- Attributes:
  - Event\_ID
  - Event\_Name
  - Event\_Start\_Date
  - Event\_End\_Date
  - Organizer\_ID (Foreign Key)
  - Venue\_ID (Foreign Key)
  - Event\_Type\_Code (Foreign Key)
  - Potential\_Cost

### 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.**