Organization

PK id : Integer

name : String(255) «NOT NULL»
city : String(100) «NOT NULL»
state : String(50) «NOT NULL»
topic : String(100) «NOT NULL»
size : String(50) «NOT NULL»

meeting_frequency : String(50)
description : Text
address : String(255)
zipcode : String(20)
ein : String(20) «UNIQUE»
subsection_code : String(20)
ntee_code : String(20)
external_url : String(500)
image_url : String(500)
guidestar_url : String(500)
form_990_pdf_url : String(500)

created_at : DateTime
updated_at : DateTime

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hosts
One organization can host
zero or many events

provides

Organizations and Resources
have many-to-many relationship
via organization_resources table

«Junction Table»
organization_resources

PK organization_id : Integer
PK resource_id : Integer

Event

PK id : Integer

title : String(255) «NOT NULL»
date : Date «NOT NULL»
start_time : String(50) «NOT NULL»
duration_minutes : Integer «NOT NULL»
location : String(255) «NOT NULL»

city : String(100)
state : String(50)
venue_name : String(255)
description : Text
external_url : String(500)
image_url : String(500)
eventbrite_id : String(100) «UNIQUE»
end_time : String(50)
timezone : String(50)

FK organization_id : Integer

created_at : DateTime
updated_at : DateTime

Data Source:
- ProPublica Nonprofit Explorer API

Media Requirements:
- external_url (ProPublica org page)
- guidestar_url for public records of non-profit
  Note: Only ~9% have PDFs due to
  API data availability

Data Sources:
- RAICES Texas web scraper
- Mobilize America API

Media Requirements:
- external_url (link to event page)
- image_url (event banner/image)

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related_to

Events and Resources have
many-to-many relationship
via event_resources table

«Junction Table»
event_resources

PK event_id : Integer
PK resource_id : Integer

Resource

PK id : Integer

title : String(500) «NOT NULL»
date_published : Date «NOT NULL»
topic : String(100) «NOT NULL»
scope : String(50) «NOT NULL»
description : Text «NOT NULL»

format : String(50)
court_name : String(255)
citation : String(255)
external_url : String(500)
image_url : String(500)
audio_url : String(500)
courtlistener_id : String(100) «UNIQUE»
docket_number : String(100)
judge_name : String(255)

created_at : DateTime
updated_at : DateTime

Data Source:
- CourtListener API v4

Media Requirements:
- external_url (case page)
- audio_url (oral argument audio
  or opinion PDF download)

Symbol	Meaning
PK	Primary Key
FK	Foreign Key
«NOT NULL»	Required field
«UNIQUE»	Unique constraint

Relationship	Multiplicity
Organization → Event	One-to-Many (1:N)
Event ↔ Resource	Many-to-Many (N:M)
Organization ↔ Resource	Many-to-Many (N:M)