

Each ticket relates to exactly one showing

Showing		
Primary Key	showing_id	SERIAL
Foreign Key (movie)	movie_id	INTEGER
	showing_time	TIMESTAMP + TZ

Each movie can have 0 to many showings

Each showing is for exactly one movie

Movie		
Primary Key	movie_id	SERIAL
	title	VARCHAR(50)
	duration	INTEGER
	rating	VARCHAR(10)
	score	INTEGER
	description	VARCHAR

Each movie_actor has exactly one movie and one actor

Ticket		
Primary Key	ticket_id	SERIAL
	seat_number	INTEGER
Foreign Key (customer)	customer_id	INTEGER
Foreign Key (showing)	showing_id	INTEGER

Each customer can have 1 to many tickets

Each showing can have 0 to many tickets

Customer		
Primary Key	customer_id	SERIAL
	first_name	VARCHAR(50)
	last_name	VARCHAR(50)
	is_member	BOOLEAN

Each ticket relates to exactly one customer

Movie Actor	
Foreign Key (movie)	movie_id
Foreign Key (actor)	actor_id

Each actor / movie can appear multiple times in the movie_actor table

Actor		
Primary Key	actor_id	SERIAL
	first_name	VARCHAR(50)
	last_name	VARCHAR(50)
	age	INTEGER

Each movie_actor has exactly one movie and one actor