

movie_id linked to
screenings for more
information on exact
location and time of movie

Movie		
PK	movie_id	INTEGER
	title	VARCHAR(225)
	release_year	INTEGER
	genre	VARCHAR(50)
	duration	INTEGER

seat_id linked to auditorium
and ticket in order to direct
customer

Seat		
PK	seat_id	INTEGER
FK	auditorium_id	INTEGER
	row_letter	VARCHAR(1)
	seat_number	INTEGER

Screening

PK	screening_id	INTEGER
FK	movie_id	INTEGER
FK	auditorium_id	INTEGER
	start_time	TIMESTAMP
	end_time	TIMESTAMP
	ticket_price	DECIMAL(5,2)

screening linked to ticket in
order to see what customer
was at what screening,
alongside other information
regarding
screening/customer

FK

Auditorium

PK	auditorium_id	INTEGER
	auditorium_num	INTEGER
	capacity	INTEGER

auditorium linked to
screening so that movies are
allocated to specific
locations/history, also serves
the purpose for seating
location due to quantity
restraints

customer_id linked to ticket
for customer purchase
history/quantity

Customer_Theatre		
PK	customer_id	INTEGER
	first_name	VARCHAR(50)
	last_name	VARCHAR(50)
	email	VARCHAR(100)
	phone_number	VARCHAR(20)

Ticket

PK	ticket_id	INTEGER
FK	screening_id	INTEGER
FK	customer_id	INTEGER
FK	seat_id	INTEGER
	purchase_date	DATE
	price	DECIMAL(5,2)

ticket_id linked to customer
for customer instruction and
history