ERD04 - Cinema

Entities

- cinema
- theater
- seat
- movie
- sale
- till
- showing

Attributes

cinema

- adress
- phoneNumber

theaters

- roomNumber

seat

- seatNumber
- price

movie

- name
- duration
- rating

sale

- time

showing

- time

Relations

entity1	entity2	relation
till	sale	till has zero or many sales
sale	till	sale has one till
sale	seat	sale has one seat
sale	showing	sale has exact one showing
seat	sale	seat has exact one sale
seat	theater	seat has one theater
showing	sale	showing has zero or many sales
showing	movie	showing has exact one movie
showing	cinema	showing has exact one cinema
showing	theater	showing has one or many theaters
theater	showing	theater has many showings
theater	seat	theater has zero or many seats
movie	showing	movie has zero or many showing
cinema	showing	cinema has 1 or many showings

Cardinalities

entity1	entity2	relation
till	sale	mc:1
sale	seat	1:1
sale	shwoing	1:mc
seat	theater	1:mc
showing	movie	1:mc
showing	cinema	1:m
showing	theater	m:m

ERD Diagramm