Movie Theater ERD

concessions

PK	snack_id	SERIAL
	name	VARCHAR(25)
	price	NUMERIC(5,2)
	calories	INTEGER
	inventory	INTEGER

tickets

PK	ticket_id	SERIAL
	type	VARCHAR(8)
	price	NUMERIC(5,2)
FK	customer_id	INTEGER
	seat_number	INTEGER
FK	theater_id	INTEGER
FK	showtime_id	INTEGER

A ticket will only have one theater associated with it

A customer can have 0 to many tickets

customer

PK	customer_id	SERIAL
	first_name	VARCHAR(100)
	last_name	VARCHAR(100)
	address	VARCHAR(100)
	phone	VARCHAR(15)
	email	VARCHAR(50)
	state	VARCHAR(25)
	zip_code	VARCHAR(25)

Customer can have no to many orders

theater

PK	theater_id	SERIAL
	number	INTEGER
	seats	INTEGER
	screen	VARCHAR(50)
	recliners	BOOLEAN

movies

PK	movie_id	SERIAL
	name	VARCHAR(100)
	rating	VARCHAR(5)
	runtime	NUMERIC(5,2)
	description	VARCHAR(500)
FK	showtime_id	INTEGER

orders

PK	order_id	SERIAL
FK	customer_id	INTEGER
FK	snack_id	INTEGER
	snack_quantity	INTEGER

An order can have 1 to many snacks

A customer can have 0 to many payment options

payment

PK	payment_id	SERIAL
FK	customer_id	INTEGER
	card_type	VARCHAR(30)
	card_number	VARCHAR(20)
	expiration_date	DATE
	billing_shipping	BOOLEAN
	cvv	INTEGER
	saved_info	BOOLEAN

A movie will have 1 to many showtimes

A ticket will only have 1 showtime associated with it

showtimes

PK	showtime_id	SERIAL
	time	TIMESTAMP
	date	DATE