

Customer Table: My reasoning for inputting factors of the Customer\_id, Name, Phone and Email is due to the increase of digital ticket sales with a QR code or VARCHAR code being sent via email and text message to show and receive physical tickets at the movie theater upon arrival.

Customer_RES2				
PK	Customer_id	SERIAL		
	Full_Name	VARCHAR(100)		
	Phone_Number	VARCHAR(15)		
	Email	VARCHAR(100)		

Both Posses Customer\_id

Both Posses Customer\_id

Tickets_RES2						
PK	Ticket_id	SERIAL				
FK	Customer_id	INTEGER				
FK	Movie_id	INTEGER				
	Seat_Number	VARCHAR(4)				
	Purchase_Date	DATE (Current)				
	Price	NUMERIC (5,2)				

Tickets: Similar to the Concessions Table, each customer can buy one to many tickets resulting in the customer table having a one to many relationship with Tickets table.

Concessions: For this table, each customer can by one to multiple concession items resulting in the Customer table having a one to many relationship to concessions.

Concessions_RES					
PK	Concession_id	SERIAL			
FK	Customer_id	INTEGER			
	Purchase_id	SERIAL			
	Item	VARCHAR(15)			
	Quantity	NUMERIC(10)			
	Price	NUMERIC(5,2)			

Movies_RES2				
PK	Movie_id	SERIAL		
	Title	VARCHAR(150)		
	Genre	VARCHAR(50)		
	Rating	VARCHAR(5)		

Movies: For this table each customer can buy multiple tickets, therefore there can be multiple tickets relating to one movie. Resulting in a one or many to one relationship between Tickets and Movies.