

Customer		
PK	customer_id	SERIES
	first_name	VARCHAR (100)
	last_name	VARCHAR (100)
	member_status	BOOLEAN

For Customer to  
Tickets:  
One customer can have  
multiple tickets, and  
each ticket only links to  
one customer

Tickets		
PK	ticket_id	SERIES
FK	customer_id	INTEGER
FK	seat_id	VARCHAR (10)
FK	movie_id	INTEGER
	show_type	VARCHAR (40)
	show_time	DATE/TIME

For Tickets to Seating:  
One ticket can be linked  
to only one seat, and  
vice versa

Seating		
PK	seat_id	VARCHAR (10)
	room	INTEGER
	row	INTEGER
	number	INTEGER

For Customer to  
Concession:  
One customer can have  
many transactions, and  
each transaction traces  
back to ONE customer

Concessions		
PK	transaction_id	SERIES
FK	customer_id	INTEGER
FK	product_id	INTEGER
	sub_total	NUMERIC (8,2)
	total_cost	NUMERIC (10,2)

Product		
PK	product_id	SERIES
	product_name	VARCHAR (100)
	manufacturer	VARCHAR (100)
	upc	VARCHAR (15)

For Concessions to  
Product:  
Many Concession  
transactions can link to  
one product with each  
product\_id representing  
a unique product.  
Further each product  
from the Product table  
can be linked to multiple  
Concessions  
transactions.

For Tickets to Movies:  
Multiple tickets can link  
to one movie, and each  
movie links to multiple  
tickets

Movies		
PK	movie_id	SERIES
	title	VARCHAR (100)
	director	VARCHAR (100)
	description	VARCHAR (250)
	duration	FLOAT