

The inventory block could be expanded by making the prod\_amount a FK and making a new block with all the individual product inventory.

Inventory		
PK	upc	SERIAL
	prod_amount	Integer

popcorn		
PK	popcorn_purchased	SERIAL
	kid_popcorn	Integer
	small_popocorn	Integer
	medium_popcorn	Integer
	large_popcorn	Integer
	xl_popcorn	Integer

Concessions is a large portion of profit so the sales would be monitored to know what and how much to purchase. The soda, popcorn and candy blocks could go out further to brands/distributors/etc.

candy		
PK	candy_purchased	SERIAL
	small_candy	Integer
	larrge_candy	Integer

concessions		
PK	concessions_purchased	SERIAL
FK	soda_purchased	Integer
FK	popcorn_purchased	Integer
FK	candy_purchased	Integer
FK	customer_id	Integer
FK	upc	Integer

soda		
PK	soda_purchased	SERIAL
	kid_soda	Integer
	small_soda	Integer
	medium_soda	Integer
	large_soda	Integer
	xl_soda	Integer

The customer block would identify theatre membership (if any). In addition, the customer id provides a way to track purchases and what type of movies are seen.

customer		
PK	customer_id	SERIAL
FK	member_id	Integer
	first_name	VARCHAR(20)
	last_name	VARCHAR(20)
	address	VARCHAR(100)

member		
PK	member_id	SERIAL
	join_date	DATE
	leave_date	DATE

tickets		
PK	tickets_purchased	SERIAL
FK	movie_id	Integer
FK	customer_id	Integer

movies		
PK	movie_id	SERIAL
	Title	VARCHAR(50)

The ticket block shows how many tickets have been purchased by the customer to demonstrate engagement. and movies the individual has purchased tickets for.

Movie block shows the movie\_id and can grab the title of the movie based on the id. This could be heavily expanded into ratings/run time/actors/awards/etc.