

MAIN MOVIE
STRUCTURE

Inventory		
PK	Item_id	SERIAL
	Item-name	VARCHAR(100)
	Amount	INTEGER
	fField	TYPE

Item in inventory
are sold at
concessiions. An
inventory item
can be sold one
or more time at
the conccession
stand

concession stand
can sell multiple
inventory iitems
only one
employee can
work the
concession stand
at the time

CUSTOMER		
PK	Customer_id	SERIAL
	first_name	VARCHAR(100)
	Last_name	VARCHAR(100)
	Phone_number	NUMERIC(11)

CONCESSION		
	Sale_id	SERIAL
PK	Employee_id	INTEGER
PK	Item_id	SERIAL
	Item_cost	NUMERIC(5,2)
	Total_cost	NUMERIC(5,2)

EMPLOYEES		
	First_name	VARCHAR(100)
	Last_name	VARCHAR(100)
FK	Employee_id	SERIAL
	Address	VARCHAR(150)

MOVIES		
PK	Flim-id	SERIAL
	Flim_title	VARCHAR(100)
	Film_duration	INTEGER
	Raring	VARCHAR(10)

TICKETS		
PK	ticket_number	INTEGER
PK	Film_id	INTEGER
	ticket_date	INTEGER

TRANSACTIONS		
	Transaction_id	SERIAL
FK	customer_id	INTEGER
FK	ticket_number	INTEGER
	Ticket_cost	NUMERIC(5,2)
	Total_cost	NUMERIC(5,2)

Anyone who want
to be a club
member can save
his information
here

An employee can
have zero or
more concession
sales

movieswill be
stores here and
film_id will be
referenced in
order to find
movie information

Ticket table
users, film_id to
identify movie
choice ticket are
paid for and
stored in
transaction

Where cost for
movie ticket will
be stored