



Ticket ID needs to to be a primary key because it will be a FK in other entities such as "customers" as a way to track back the purchase of the ticket and all information involved in the ticket such as the amount, cost, date, and what film was shown (film_id). Film_id is a FK within the "order_" entity (discussed later), and the "ticket" entity because it has a primary key in the "movie" entity. The movie entity is there to have all info regarding the movie itself including the title, rating, film_id, etc. "Customer" is an entity for all info customer related like name and customer_id. It has the primary key "customer_id to keep track of the customer and is a FK in the "order_" because the "order_" entity contains all information for purchases whether it be concessions or tickets. Therefore, the "Order_" entity has the PK of "payment_id" to track all transactions. Payment_id is used in the "concessions" entity as a FK. Lastly, item_upc is a primary key in the "inventory" entity with tracks all products and is a FK in concessions to connect the products being purchased in concessions to keep track of inventory