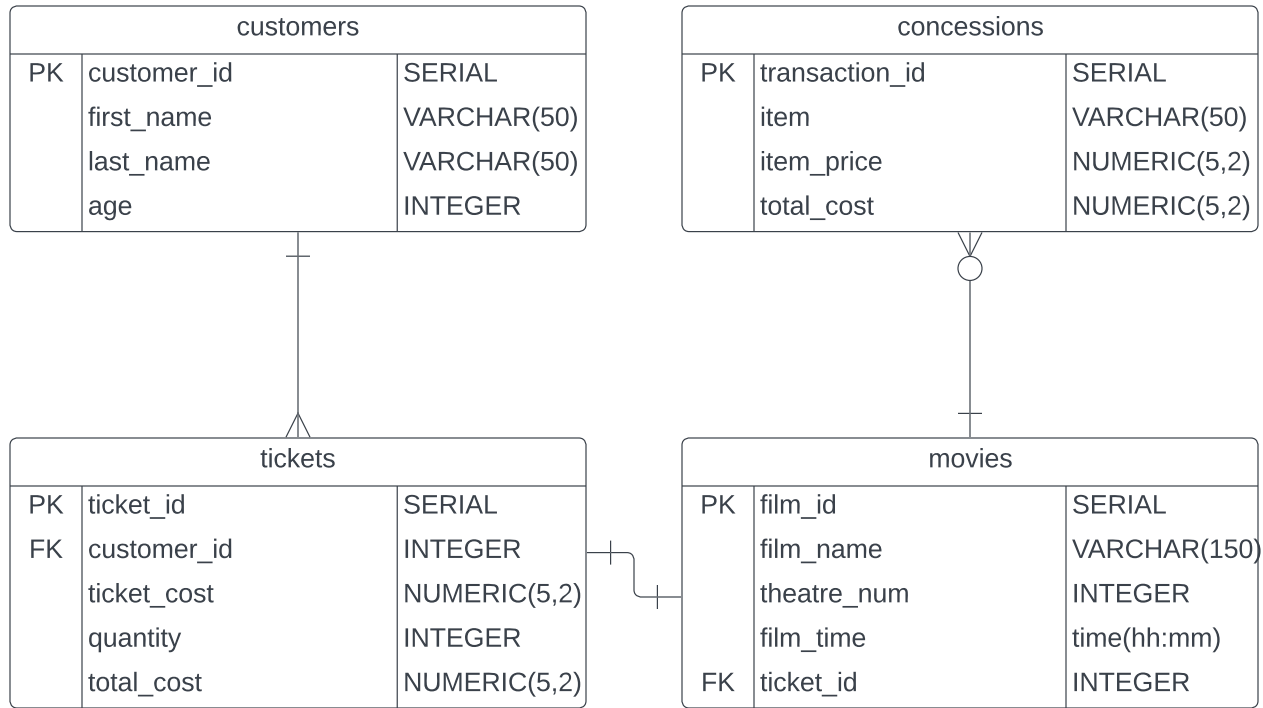


Movie Theatre ERD



For this ERD, I started with the customer table in order to establish customer information for everyone that comes into the theatre. After that I created the tickets table with customer_id included so that each ticket is related to a customer. For this relationship, I chose 1 and then many because each customer has the option to purchase multiple tickets. I also added an age column in the customer section so that it is already known when tickets to movies with certain ratings are purchased. I then created the movies table with the ticket_id included. I chose this relationship because after the customer purchases their ticket, they are required to show that ticket in order to enter the theatre. I chose a relationship of one both ways for this connection because one ticket equates to entrance to one movie. Finally, I included the concessions table with the option to have a 0 to multiple relationship because not everyone wishes to purchase concessions at the movies.