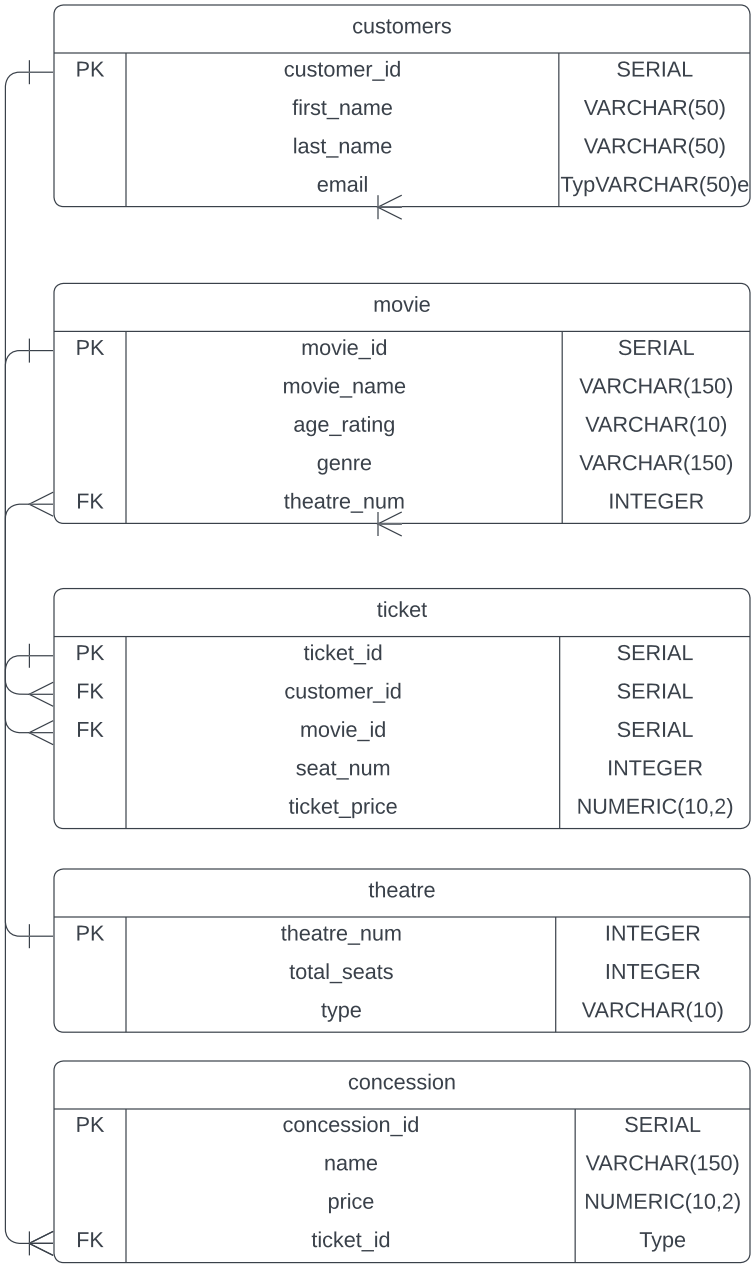
Movie Theatre ERD

Vaidic Trivedi | August 10, 2023



Relationships

- Customers:
  - within the customer table the primary key for customer id exists.
  - any other info regarding customer and customer contact also sits in this table
  - The customer id links to ticket because a customer can purchase multiple tickets

- Movie:
  - within the movie table the primary key for movie id and foreign key for theater number exists
  - the movie name, age rating, and genre also are in this table
  - the movie id links out to the tickets as multiple tickets can be bought for one movie

- Ticket:
  - within the ticket table the primary key for ticket id and the forign keys for customer id and movie id exist
  - the seat number and ticket price are also included here
  - the ticket id links to concessions as multiple concessions can be linked to one ticket

- Theatre:
  - within the theatre table the primary key for theatre number exists
  - the total seats and type of theatre also exists
  - the theatre num links out to the movie table because there can be multiple movies being played in the same theatre

- Concession:
  - the concession table has the primary key concession id
  - the concession name and price as well as ticket id also are in this table