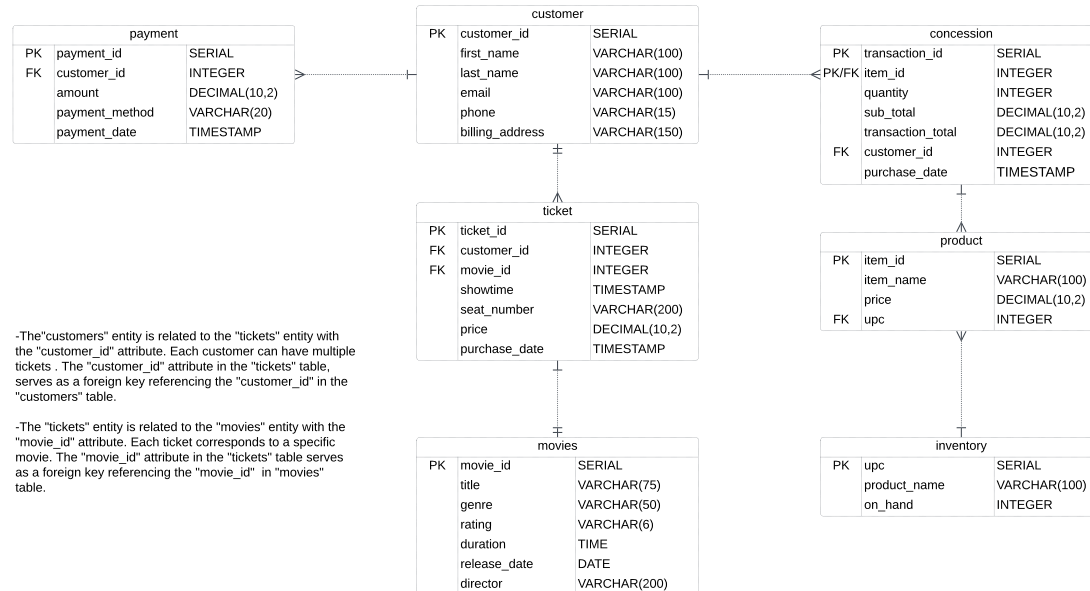


## Movie Theater Database ERD

-The "customer\_id (FK)" attribute in the "payment" table serves as a foreign key that establishes a connection to the "customer\_id (PK)" attribute in the "customer\_id" table. This connection links each payment made to a specific customer who made the payment.



-The "customers" entity is related to the "tickets" entity with the "customer\_id" attribute. Each customer can have multiple tickets. The "customer\_id" attribute in the "tickets" table serves as a foreign key referencing the "customer\_id" in the "customers" table.

-The "tickets" entity is related to the "movies" entity with the "movie\_id" attribute. Each ticket corresponds to a specific movie. The "movie\_id" attribute in the "tickets" table serves as a foreign key referencing the "movie\_id" in the "movies" table.

-The "customers" entity is related to the "concessions" entity with the "customer\_id" attribute. Each customer can purchase multiple concessions items. The "customer\_id" attribute in the "concessions" table serves as a foreign key referencing the "customer\_id" in the "customers" table.

-concession" table with a composite primary key (transaction\_id, item\_id) that allows multiple items within a transaction to be uniquely identified.

-The "concession" entity is related to the "product" entity with the "item\_id" attribute. Each concession can have multiple products. The "item\_id" attribute in the "product" table serves as a foreign key to the "concession" table.