

About this database

This database contains transaction tables for a movie theater. Tickets are only sold online, and require identification(first name, last name and age) in order to initiate purchase. The tickets are generated and the ticket_id transferred to the online_cart table. The online_order product name (ex. 'Joe Dirt Ticket') is obtained from the warehouse lookup table. The online_order is transferred to the accounting table via the online_order_id. The concessions table houses all items info purchased and tranfers this info to the accounting table via the concessions_order_id. The concessions product_name is obtained from the warehouse lookup table.

The Tables

The Customer Table:

Captures the first_name, last_name and age of the purchaser.

Primary Key - customer_id

The Ticket Table:

Stores customer_id and movie_id for the movie.

Primary Key - ticket_id

Foreign Key - customer_id references to the customer table

Foreign Key - movie_id references to the movie look up table

The Online Cart Table:

Stores the order_date, product_name, quantity of tickets, sub_total, total, ticket_id, and upc.

Primary Key - online_order_id

Foreign Key - ticket_id references to the ticket table

Foreign Key - upc references to the warehouse table

The Concessions Table:

Stores the same information except except ticket_id, as no ticket is required for concessions.

Primary Key - concession_order_id

Foreign Key - upc references to the warehouse

The Movies Table:

Stores the movie_name/s

Primary Key - movie_id

The Warehouse Table:

Stores the product_name

Primary Key - upc

The Accounting Table:

Allows the connection and recording of all online ticket sales and concessions sales.

