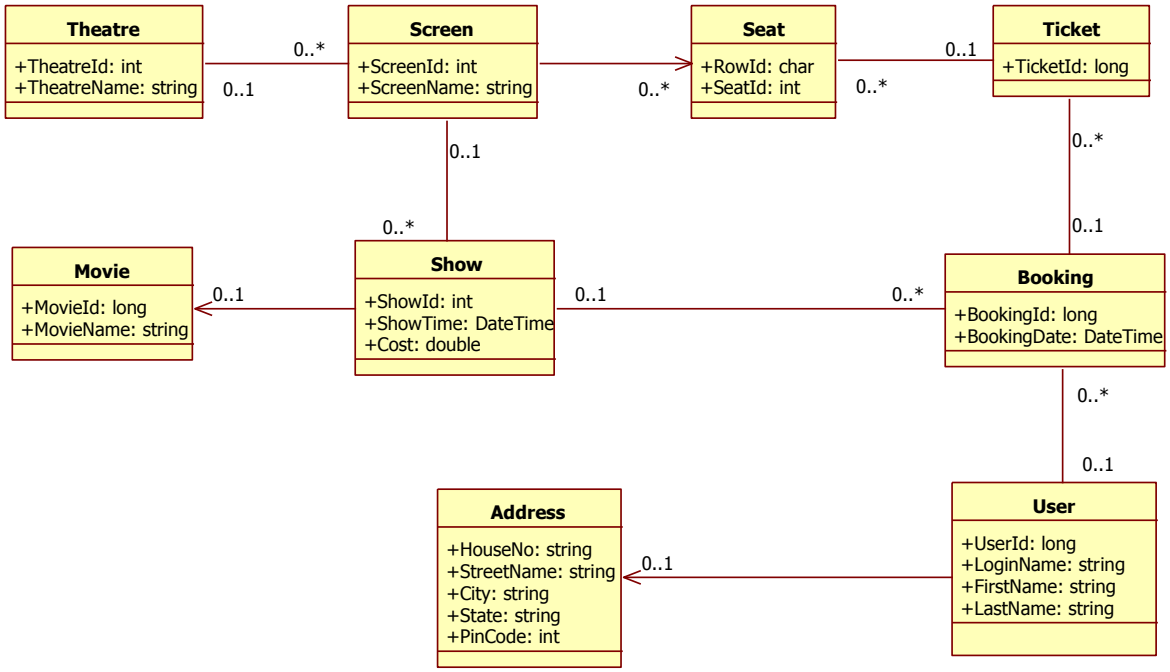
ADO.Net and TSQL

Create a Console based Application for the below Movie Booking App.



Create a database – **moviesdb**

Create tables by defining **Primary Key** and **Foreign Keys**

Create **Stored Procedures** to perform Insert, Update and Delete operations if any

Create minimum number of records as mentioned below

- 2 theatre,
- 2 screens for each theatre,
- 10 seats for each screen,
- 3 shows for each screen,
- 2 movies,
- 3 users,
- 3 bookings for each user,
- 1 or more tickets for each booking on a show

Identify necessary interface and methods to perform insert, update and select operations from the Database.

Create I**TicketBookingService** interface and code the following methods

1. Find the total income earned by the theatre. The method must return double that calculates the income on passing the theatreName
    a. **public double GetTotalIncomeEarnedByTheatre(string theatreName)**

2. Find all the movie names watched by a User in a theatre
    a. **public List<string> GetAllMovieNamesSeenByUserInTheatre(string theatreName, string loginName)**

3. Find total number of tickets booked in a city
    a. **public int GetTotalNumberOfTicketsBookedByCity(string cityName)**

4. Display report showing theatreName and total number of tickets sold for a movie. Report can have following header

    Create a method public void DisplayReport(string movieName)

    TheatreName | MovieName | NumberOfTicketsSold

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5. Create a class that implements I**TicketBookingService**

6. Use Program.cs class which has Main() method, create object of a class that implements ITicketBookingService

    a. **Create a class TicketBookingView that offers menu for inserting, updating and select operations on the domain classes**

    b. **From Main() method, make calls to service methods for displaying the details and handle appropriate transaction wherever required**