COMP283 Assignment One - Scenario One
The Small Cinema

The Roxy is a small privately owned cinema in Liverpool with three cinema screens. The largest screen seats 440 (22 rows of 20) people, the two others each both seat 200 (20 rows of 10) people.

A variety of ticket types are available:

Adult   £12.00
Child   £6.00
Concession   £8.00

Each of the smaller screens holds 20 premium seats. The larger screen holds 40 premium seats. Premium seats cost 25% more than the equivalent ticket type.

You have started working for the Roxy and have been tasked with developing a database system to maintain information regarding the scheduling of movies being shown, ticket sales and sales of snacks from the foyer kiosk. Your database design should at least permit you to:

    Determine how many seats are available for a particular performance.
    Number of showings of a particular movie (and how many people watched it)
    Determine the start and end time for a movie showing.
    Calculate weekly income.

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