Class Responsibilities

Management System

The management system class is the controller of the system. Its responsibility is to make sure that the use cases in the system are implemented correctly and that the operations happen in the correct sequence.

# Cinema

The cinema class is representing the central point of the system. It has the following responsibilities:

1. Remembering all of the movie objects in the system
2. Remembering all of the screen objects in the system
3. Remembering all of the screening objects in the system
4. Maintain the correct ticket sold count

# Screening

The screening class represents a single arrangement includes the movie and screen which has been made by a cinema staff. It remembers the date and time of the screening as well as which screen the particular movie was assigned to.

# Movie

This class represents a single movie. Each object remembers the name and duration of a particular movie.

# Screen

This class represents a single screen. Each object remembers the name and capacity of a particular screen in the cinema.