

Exercise 5 : The Video Club

A video club wants to track video rentals made by customers. They want to be able to have information on members (membership number, name, address, age, SIN), on the films they have in stock (title, producer's name – maximum one, French or English, main actors, genre, MPAA rating, ticket price, status – new or regular). The video club especially wants to be able to track who has rented what films, and when the rentals were made. Regular movie rentals cost \$2.00 while new features cost \$4.00. They want each of their videocassettes identified by the movie's ISBN number, and each copy should be numbered (first copy: 1, second copy: 2 ...).

Film genres are as follows: science fiction (SF), drama (DR), comedy (CO), etc. The MPAA ratings are as follows: general (G), thirteen and older (13+), eighteen and older (18+). Lastly, we want the first and last name of each actor. Each actor should have a unique identifying number.