**MOVIE DATABASE**

An online store that sells motion pictures uses a database to record the basic elements of the movies.

**DESCRIPTION OF LOGIC FORM**

**actors (#actid, lname, fname):** Table in which the actors - protagonists of the films are registered:

* **actid:** primary key
* **lname:** actor 's last name
* **fname:** actor name

**directors (#did,lname,fname):** Table in which the directors of the films are registered:

* **did:** primary key
* **lname:** director 's last name
* **fname:** director name

**categories (#catid, category):** Table with the categories of movies (eg Comedy, Drama, Adventure, etc.):

* **catid:** primary key
* **category:** category

**movies (#mid,title,pyear,production,duration,did):** Table for entering the basic elements of each movie:

* **mid** : primary key
* **title** : movie title
* **pyear** : production year
* **production** : production country code of the film (eg GRC, USA, GBR)
* **duration** : movie duration in minutes
* **did** : movie director code

**copies (#barcode, mid, medium, price):** Table for entering the details of the copies of each film:

* **barcode** : primary key
* **mid** : code of the film that concerns the specific copy
* **medium** : medium of distribution of the specific copy (DVD, BLUE RAY, ONLINE)
* **price** : selling price of the copy

**movie\_actor (#mid #actid): Array** that implements the many-to-many relationship between movies and actors (protagonists).

* **mid:** movie code
* **actid:** actor code

**movie\_cat (#mid#catid): Array** that implements the many-to-many relationship between movies and categories.

* **mid:** movie code
* **catid:** category code