MOVIE RECORD SYSTEM

A UNIFIED MODELLING LANGUAGE (UML) CLASS DIAGRAM FOR THE SOFTWARE CREATED.

The below diagram is a UML class diagram showing the relationship between the classes created (Movies, MovieList, Actors, ActorsList), the properties or attributes of the respective classes, the methods of the respective classes, and the association between the classes.

Movies

Actors

- \_\_make\_id\_actors ()

+ set\_first\_name (first\_name: string)

+ set\_surname (surname: int)

+ set\_gender (gender: string)

+ set\_date\_of\_birth (date\_of\_birth: string)

+ get\_id\_actors (): string

+ get\_first\_name (): string

+ get\_surname (): int

+ get\_gender (): string

+ get\_date\_of\_birth (): string

- \_\_str\_\_ (): string

- first\_name: string [1]

- surname: string [1]

- gender: string [1]

- date\_of\_birth: string [1]

ActorsList

- actors\_list: dictionary

+ add\_actor (actor: string)

+ remove\_actor (first\_name: string)

+ no\_of\_actors ()

+ search\_actors\_list (first\_name: string): list

- \_\_str\_\_(): string

- movie\_list: dictionary

MoviesList

+ add\_movie (movie: string)

+ search\_movie (search\_key: string): list

+ remove\_movie (title:string)

+ movie\_counter ()

- \_\_str\_\_ (): string

- title: string [1]

- year: int [1]

- genre: string [1]

- release\_date: string [1]

- \_\_make\_id ()

+ set\_title (title: string)

+ set\_year (year: int)

+ set\_genre (genre: string)

+ set\_release\_date (release\_date: string)

+ get\_id (): string

+ get\_title (): string

+ get\_year (): int

+ get\_genre (): string

+ get\_release\_date (): string

- \_\_str\_\_(): string