HACETTEPE UNIVERSITY

DEPARTMENT OF COMPUTER ENGINEERING

BBM104

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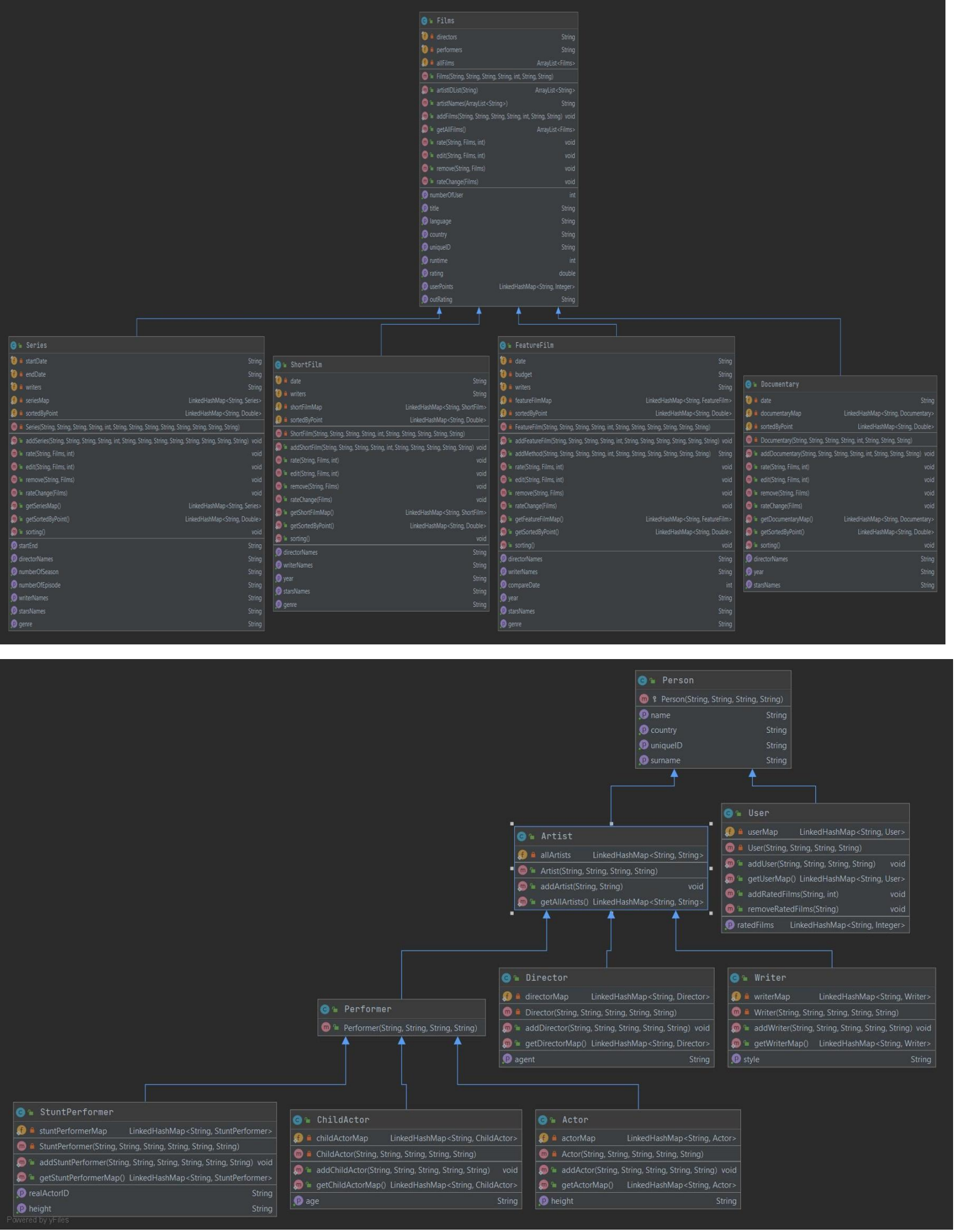
Subject : Programming Assignment 2



SOLUTION

I have used inheritance and properties of the access modifiers to figure out this assignment. Firstly, I have started from the backend side and created all class files. Then, I have created all fields and methods of the classes according to their requirements. Secondly, I have coded the reading and writing txt file codes in the Main class.

When I was creating the objects of the classes, I have added them to the static LinkedHashMap of their classes (User, Director, Writer, Actor, ChildActor, StuntPerformer, ShortFilm, FeatureFilm, Documentary, Series). Furthermore, When I was creating new objects in subclasses of the Films and Artist classes, I have created Films and Artist objects and added them to the static allFilms ArrayList and static allArtist LinkedHashMap at the same time, respectively. Therefore, I both have broken the problem into the pieces and have created general collections to reach all objects at the same time. Almost all fields of the classes are final fields because they will not be changed. Additionally, while I have used private access modifiers for all fields of the classes, I have used public access modifiers for the methods of the classes.

COMMENTS

In this assignment, we had to control so many conditions at the same time. We had to create several objects and assign their specific properties to their variables correctly. When I was doing this, I have used so many if-else conditions and a lot of methods that are connected to each other. Although constraints made easier the assignment for us, I have struggled with this situation to manage all of the code properly. Therefore, I have obtained new skills to manage this kind of complex problem. Also, I have consolidated my knowledge about inheritance and access modifiers thanks to this assignment.

REFERENCES

https://www.geeksforgeeks.org/

https://stackoverflow.com/

https://www.udemy.com/course/java-the-complete-java-developer-course/

Lecture Notes Of BBM102