

Graded Assignment (Design and Architecture)

Project: MoviesOnTips

Problem Statement:-

Movies on tips is an online movie manager whose responsibility is to take care of all the activities a user can do on this portal.

In Assignment 4 we have created the basic structure of MoviesOnTips application. In this Assignment we will re-factor the same with different design patterns: -

1. Use Factory Design pattern to create all the pojo objects
2. Use Singleton Design pattern to interact with the jsonfile.
3. Write the test cases with all the Java classes to test the code.
4. Follow all the coding guidelines.

Instructions:-

1. ~~Please reuse all the code done in week 4~~
2. Re-factor the same code and upload in the new repository.
3. To upload follow the following commands:-
 - a. `rm -rf .git`
 - b. Create new repo
 - c. Upload the code in the new repo
4. At least 5 test cases should be available with each Java class
5. Proper comments should be written in each and every Java class

Grading Criteria:-

Please refer to the table below to get a better understanding of the grading criteria.

Functionality	MM
Proper implementation of Factory Design pattern	5
Proper implementation of singleton pattern	5
Proper test cases	5
Proper Coding guidelines	1
Naming Convention	1
Comments	1
Using Proper exceptions	1
Use of proper classes and Interface	1
Total	20

Boilerplate:-

The Boilerplate of this Assignment is the solution of week 4 (Frontend Engineering) assignment.