

Project Name: Movie Recommendation System

Team# 9

Test Stage: Unit

Test Date: 12-02-2025

Test Case ID#: RF_T1

Name(s) of Testers: David

Test Description: Testing file writing and rating functionality with well formed and accessible my_ratings.txt. And Reviews for unrated movies (Reviews for these movies do not exist inside my_ratings.txt)

Indicate where are you storing the tests (what file) and the name of the method/functions being used.

Test code is within testing directory inside RatingFunctionalityTest.java.
testLoadMovies(), createReviewObject(), and testUpdateReviews() are being used.

Automated: no

Results: Pass

Preconditions for Test: Files must exist and be accessible in /data directory in CSV format.

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1	Load movies into system	movies.txt	Movies loaded into system	Movies loaded into system	Done since creating reviews is dependent on MovieDB
2	Create Reviews and store in ArrayList	my_ratings.txt	Review objects are created and stored inside ArrayList	Review objects are created and stored inside ArrayList	
3	Call testUpdateReview(reviews)	fw_t1 ArrayList of reviews	3 new lines are added to my_ratings.txt corresponding to the reviews created	3 new lines are added to my_ratings.txt corresponding to the reviews created	

Post condition(s) for Test: my_ratings.txt contains new lines containing the new reviews stored inside the ArrayList

