Project Name: Movie Recommendation System   **Team#** 9

Test Stage: Unit   **Test Date:** 12-02-2025

Test Case ID#: RF_T2   **Name(s) of Testers:** David

Test Description: Testing file writing and rating functionality with well formed and accessible my_ratings.txt, and Reviews for rated movies and unrated movies. Testing updating lines in my_ratings.txt and adding lines in 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 RatingFunctionality.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_t2 ArrayList of reviews	Lines corresponding to movieIDs: 6, 15, and 5 should be updated with only 1 new line added	Proper lines are updated, and only 1 new line is added	

Post condition(s) for Test: my_ratings.txt contains only 1 new lines corresponding to the new review and 3 updated lines.