

Project Name: Movie Recommendation System

Team# 9

Test Stage: Unit

Test Date: 12-01-2025

Test Case ID#: FP-T2

Name(s) of Testers: David

Test Description: Testing file processing on invalid and malformed movies.txt and my_ratings.txt.
Utilizing testLoadMovies(lines) and testLoadReviews(lines) methods to test if MovieDB and review array list loads the appropriate number of lines.

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 FileHandleTest.java.
testLoadMovies(lines) and testLoadReviews(lines) are being used.
Relevant data will be stored inside testing/data

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	Trigger movie file reading process	movies2.txt	System successfully reads all entries and loads lines into MovieDB	Loaded all movies	Ran testLoadMovies(101) inside FileHandleTest. Tested with an invalid type in each field, missing fields, and too many fields.
2	Trigger review file reading process	my_ratings2.txt	System successfully reads all entries and loads lines into an ArrayList	Loaded reviews	Ran testLoadReviews(8) inside FileHandleTest. Tested with an invalid type in each field, missing fields, and too many fields.

Post condition(s) for Test: The system has loaded both files into their relevant data structures. Malformed lines were skipped, and errors were

logged properly.

