

Project Name: Movie Recommendation System**Team# 9****Test Stage:** Unit**Test Case ID#:** FP-T1**Test Description:** Testing file processing on valid and well formed 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.

Test Date: 12-01-2025**Name(s) of Testers:** David**Automated:** no**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

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	movies1.txt	System successfully reads all entries and loads lines into MovieDB	Loaded all movies	Ran testLoadMovies(100) inside FileHandleTest
2	Trigger review file reading process	my_ratings1.txt	System successfully reads all entries and loads lines into an ArrayList	Loaded reviews	Ran testLoadReviews(8) inside FileHandleTest

Post condition(s) for Test:

The system has loaded both files into their relevant data structures.

