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COMP 3111: Software Engineering

Lecture 13 Exercise: Movie Shop Black Box Testing—Test Cases and Test Values

In the movie sales and rental shop system, there is a procedure, validateRating, that validates the review rating input by the user. A review rating is an integer value from 1 to 5.

For each of the test categories below, what <u>test cases</u> and <u>specific test values</u> should be used to test whether the validateRating procedure works correctly and accepts only valid rating values?

(a) <u>boundary</u> test cases and values

The boundary test includes testing the different values close to 1 and 5. Meaning that we should test the values 0,1 and 4,5.

(b) <u>typical</u> test cases and values

Test typical values meaning that all values between 0-5. Also test invalid rating meaning less than 0 and bigger then 5 (like -2, 7).

(c) <u>other</u> test cases and values

Special cases should be special inputs like non numbers or numeric decimal cases. Meaning the values like 1.3 and "Good rating".