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Module 7 Testing Assignment

CEN 3024C-25736

The WordOccurrencesTest class has three methods are tested. They are testWordCountsWithOneWord(), testWordCountsWithMultipleWords(), and testcountWords(). They tests the functionality of the countWords() method by passing in a string. The test ensures that the method can count the number of occurrences of a single word or multiple words. If the expected and actual results match, the test passes; if they don't match, the test fails.

The WordOccurrencesTest class tests the functionality of the countWords() method by passing input strings of varying lengths and comparing the expected and actual map sizes and values. The GUI tests the countWords() method indirectly by calling it and displaying its results. By testing the functionality of the countWords() method through multiple tests, we can ensure that the method is functioning as expected and meets the design requirements.