Project Name: Homework 4

Unit Test Case Specification

Test Case ID: UnitTestingHomework_TC_4   **Test Designed by:** Tanner Huynh

Test Priority (Low/Medium/High): Low   **Test Designed date:** November 6, 2019

Module Name: UnitTestingHomework

Test Title: Despacer Method

Description: Test the method despacer, which takes in a string and returns strings with 1 space. Per the interface: String depsace(String s).

Pre-conditions: N/A

Dependencies: A valid string

Case	Given Input	Expected Result	Notes/Environment
1	Multiple Trailing spaces in front	Single space	Did not perform well, had one space left in front of the string.
2	Trailing spaces in between	Single space	Correctly made everything one space.

3	Trailing spaces in the end of sentence	Single space	Correctly made everything one space.
4	String with various characters, numbers, special characters.	Single space	Correctly made everything one space.
5	String with escapes	Single space	Did not perform well with \n new line escapes

Post Conditions: N/A

Explanation:
There were four heuristic test cases to perform. We needed to know whether the test would perform well with various trailing spaces in front, between, and at the end of strings. Two special test cases tested for special characters, numbers, and escapes.

I would not recommend using this method unless it is refactored to deal with spaces in front of a string. Currently, the method will still leave a space at the beginning do to the for loop.