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| **Project Name: Project 1: CompuVote Team #19** | |
| **Test Stage:** Unit | **Test Date:** 3/27/21 |
| **Test Case ID #:** test\_275\_03\_getColumnLengths\_03\_testArbitraryTable | **Name(s) of Testers:** Nikunj Chawla |
| **Test Description:**  Tests the column lengths of an arbitrary table of data with multiple rows and columns |  |
| **Automated:** Yes | **Indicate where you are storing the tests (what file) and the name of the method/functions being used:**  Test file: Project1/src/test/org/team19/TableFormatterTest.java  Test method: testGetColumnLengths  Method/constructor being tested: getColumnLengths from Project1/src/main/org/team19/TableFormatter.java |
| **Results:** Pass |  |
|  |  |
| **Preconditions for Test:**  N/A | |

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| **Step**  **#** | **Test Step**  **Description** | **Test**  **Data** | **Expected**  **Result** | **Actual**  **Result** | **Notes** |
|  |  |  |  |  |  |
| 1 | Creates a new TableFormatter instance, and ensures that getColumnLengths returns the correct maximum length for each column | strRowTable: [  [“Numbers”, “Fruit”, “Names”],  [“-3”, “Apple”, “Adam”],  ["-2", "Banana", "Ben"],  ["-1", "Cantaloupe", "Craig"],  ["0", "Date", "Dan"],  ["1", "Eggplant", "Edward"],  ["2", "Fig", "Fred"],  ["3", "Guava", "Gary"]  ],  numCols: 3 | [7, 10, 6] | [7, 10, 6] |  |

**Post condition(s) for Test:**

N/A