**Analysis of Test Cases for Feature #2: Read and load .csv maze file and store in memory**

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| **TEST SCENARIO** | **TEST DESCRIPTION** | **TEST VALUE** | **EXPECTED OUTCOME** | **ACTUAL OUTCOME** | **TEST RESULT**  **(P/F)** |
| 1. | Test if the program is able to read the maze when incorrect file name is entered. | Enters “XXX.csv”. | Error message will be shown.  “Invalid data file.” | Error message is shown.  “Invalid data file.” | Pass. |
| 2. | Test if the program is able to read the maze when incorrect file extension is entered. | Enters “maze.cxv”. | Error message will be shown.  “Invalid data file.” | Error message is shown.  “Invalid data file.” | Pass. |
| 3. | Test when the correct filename and file extension is entered. | Enters “maze.csv”. | Maze will be stored in memory. The message “Number of lines read: 8” will be shown. | Maze is stored in memory. The message “Number of lines read: 8” is shown. | Pass. |

**Justification:**

The results have returned with a 100% passed test cases. (3 Passed, 0 Failed. )