**Test Scenario Group: Main Menu**

**Test Case Description: Display Main Menu**

**Pre-requisite:** N.A.

**Post-requisite:** N.A.

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| **Test Scenario** | **Passing/Failing Test Case** | **Action(s)** | **Input** | **Expected Output** | **Actual Output** | **Test Result** |
| 001 | Passing | Display Main Menu | NIL | System display main menu |  |  |
| 002 | Passing | User input option 1 | Select option: 1 | System display Read Maze page |  |  |
|  | Passing | User input option 2 | Select option: 2 | System display View Maze page |  |  |
|  | Passing | User input option 3 | Select option: 3 | System display Play Maze page |  |  |
|  | Passing | User input option 4 | Select option: 4 | System display configure maze page |  |  |
|  | Failing | Input other than numbers(Eg: Alphabet, symbols) | Select option: A | Error message: “Wrong input entered. Only numbers are allowed” |  |  |
|  | Failing | Input value not shown in main menu | Select option: 5 | Error message: “Wrong input entered. Enter the values from the menu” |  |  |
| 003 | Failing | Input blank value | Select option: | Error message: “No input is entered. Please input a valid option” |  |  |
| 004 | Passing | Exit the program | Select option: 0 | System exits program |  |  |

**Test Scenario Group: Load Maze**

**Test Case Description: Read & Load Maze from selected file**

**Pre-requisite:** N.A.

**Post-requisite:** N.A.

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| **S/NO** | **Passing/Failing Test Case** | **Action(s)** | **Input** | **Expected Output** | **Actual Output** | **Test Result** |
| 01 | Passing | User input correct filename | Enter filename of maze: maze.csv and enter | System display number of lines from file with successful message  Number of lines read: \*Number of lines in maze\* |  |  |
| 02 | Failing | User input incorrect filename | Enter filename of maze: mazeone.csv | System display error message: “File not found”  Number of lines read: 0 |  |  |
| 03 | Failing | User do not enter filename | Enter filename of maze: | System display error message: “File not selected”  Number of lines read: 0 |  |  |

**\*In Progress\***

**Test Scenario Group: Play Maze**

**Test Case Description: Play Maze from selected file**

**Pre-requisite:** File must be read before playing

**Post-requisite:** Selected maze is shown for user to play

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| **S/NO** | **Passing/Failing Test Case** | **Action(s)** | **Input** | **Expected Output** | **Actual Output** | **Test Result** |
| 01 | Passing | User proceeds to play maze |  |  |  |  |
| 02 | Failing | User presses any other alphabetical keys, that is not ‘W’, ‘A’, ‘S’ or ‘D’. | Input: Q |  |  |  |
| 03 | Failing | User do not enter filename | Enter filename of maze: | System display error message: “File not selected”  Number of lines read: 0 |  |  |