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| Test Scenario | Test Description | Test Value | Expected Outcome | Outcome | Fail/Pass |  |
| 1 | Test if the program is able to display the main menu |  | Program display the menu |  |  |  |
| 2 | Test main menu with a valid input | Option :0 | Program will display the same main menu |  |  |  |
| 3 | Test main menu with an invalid input | Option:9 | Program will display an error message and prompts user to enter again |  |  |  |
| 4 | Test program if it is able to load and read the correct number of lines | Option: 1  File Name: maze.csv | Program will print amount of lines that is present in the excel file |  |  |  |
| 5 | Test if the program allows user to view the maze that has been loaded | Option: 2 | The program will display the maze based on the file that was loaded |  |  |  |
| 6 | Test if the program is able to move the correct way | Option : 3  Movement :W/A/S/D | Program would successfully move accordingly |  |  |  |
| 7 | Test the program with incorrect movement | Option:3  Movement: T | Program would display an error message. |  |  |  |
| 8 | Test if the configuration menu will be displayed | Option : 4 | Program will display the configure menu |  |  |  |
| 9 | Test if the walls can be created successfully | Option : 4  Configure Menu : 1  Coordinates: 1,5 | There should be an ‘X’ at the coordinates |  |  |  |
| 10 | Test If the passageway can be created | Option :4  Configure Menu : 2  Coordinates :7,3 | There should be an ‘O’ at the coordinates |  |  |  |
| 11 | Test if startpoint can be change | Option : 4 Configure menu :3  Coordinates :8,8 | The start point ‘A’ should be change accordingly to the coordinates |  |  |  |
| 12 | Test if the end point can be change | Option: 4  Configure menu:4  Coordinates:8,1 | The end point ‘B’ should be change accordingly to the coordinates |  |  |  |