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| Test Case No | Test Case Description | Test Data | Expected Result | Actual Result |
| 1 | Unable to read and load maze from file with invalid input of option | Press ‘5’ | An error message should pops out saying ‘you have entered an invalid option. Please re-enter your option.’ | An error message should pops out saying ‘you have entered an invalid option. Please re-enter your option.’ |
| 1.1 | Able to read and load maze from file with valid input of option | Press ‘1’ | Able to read and load maze from file | Able to read and load maze from file |
| 2 | Unable to view maze with invalid input of option | Press ‘B’ | An error message should pops out saying ‘you have entered an invalid option. Please re-enter your option.’ | An error message should pops out saying ‘you have entered an invalid option. Please re-enter your option.’ |
| 2.1 | Able to view maze with valid input of option | Press ‘2’ | Able to go to view maze function | Able to go to view maze function |
| 3 | Unable to play maze game with invalid input of option | Press ‘@’ | An error message should pops out saying ‘you have entered an invalid option. Please re-enter your option.’ | An error message should pops out saying ‘you have entered an invalid option. Please re-enter your option.’ |
| 3.1 | Able to play maze game with valid input of option | Press ‘3’ | Able to go to play maze game function | Able to go to play maze game function |
| 4 | Unable to configure current maze with the invalid input of option | Press ‘d’ | An error message should pops out saying ‘you have entered an invalid option. Please re-enter your option.’ | An error message should pops out saying ‘you have entered an invalid option. Please re-enter your option.’ |
| 4.1 | Able to configure current maze with the valid input of option | Press ‘4’ | Able to go to configure current maze function | Able to go to configure current maze function |
| 5 | Unable to exit with no input of option | Leave it empty | An error message should pops out saying ‘you have not entered any option. Please enter an option.’ | An error message should pops out saying ‘you have not entered any option. Please enter an option.’ |
| 5.1 | Able to exit with the valid input of option | Press ‘0’ | Exit function able to exit | Exit function able to exit |