Configure Current Maze: Configuration Menu

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| Test Scenario | Test Description | Text Input | Expected Output | Output |
| 1.0 | Input value is 1, create wall option should appear | Value input = “1” | Create wall option appears | Pass |
| 1.1 | Input value is 2, create passageway option should appear | Value input = “2” | Create passageway option appears | Pass |
| 1.2 | Input value is 3, create start point option should appear | Value input = “3” | Create start point option appears | Pass |
| 1.3 | Input value is 4, create end point option should appear | Value input = “4” | Create end point option appears | Pass |
| 1.4 | Input value is 0, exit to main menu | Value input = “0” | Exit to main menu | Pass |
| 1.5 | Input value is 5, error message should appear | Value input = “5” | Error message: “invalid input, please input a valid option from 0 to 4” | Pass |
| 1.6 | Display configure current maze menu | nil | Configure current maze menu is displayed | Pass |

Configure Current Maze: Option 1

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| Test Scenario | Test Description | Test Input | Expected Output | Output |
| 1.0 | Input coordinate in the correct format | Value input = “2,4” | Wall is created, with “X” indicating a wall | Pass |
| 1.1 | Input incorrect coordinate format | Value input = “2.4” | Error message: “invalid input, please enter in the correct format” | Pass |
| 1.2 | Input “B” to return to configure menu | Value input = “B” | Return to configure menu | Pass |
| 1.3 | Input “M” to return to main menu | Value input = “M” | Return to main menu | Pass |
| 1.4 | Input isn’t in correct coordinate format or “B/M” | Value input = “O” | Error message: “invalid input, please enter a valid input of either “B/M” or coordinate in the correct format” | Pass |

Configure Current Maze: Option 2

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| Test Scenario | Test Description | Test Input | Expected Output | Output |
| 1.0 | Input coordinate in the correct format | Value input = “3,3” | passageway is created, with “O” indicating the passageway | Pass |
| 1.1 | Input incorrect coordinate format | Value input = “3.3” | Error message: “invalid input, please enter in the correct format” | Pass |
| 1.2 | Input “B” to return to configure menu | Value input = “B” | Return to configure menu | Pass |
| 1.3 | Input “M” to return to main menu | Value input = “M” | Return to main menu | Pass |
| 1.4 | Input isn’t in correct coordinate format or “B/M” | Value input = “P” | Error message: “invalid input, please enter a valid input of either “B/M” or coordinate in the correct format” | Pass |

Configure Current Maze: Option 3

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| Test Scenario | Test Description | Test Input | Expected Output | Output |
| 1.0 | Input coordinate in the correct format | Value input = “7,6” | Start point is created, with “A” indicating the start point | Pass |
| 1.1 | Input incorrect coordinate format | Value input = “7.6” | Error message: “invalid input, please enter in the correct format” | Pass |
| 1.2 | Input “B” to return to configure menu | Value input = “B” | Return to configure menu | Pass |
| 1.3 | Input “M” to return to main menu | Value input = “M” | Return to main menu | Pass |
| 1.4 | Input isn’t in correct coordinate format or “B/M” | Value input = “I” | Error message: “invalid input, please enter a valid input of either “B/M” or coordinate in the correct format” | Pass |

Configure Current Maze: Option 4

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| Test Scenario | Test Description | Test Input | Expected Output | Output |
| 1.0 | Input coordinate in the correct format | Value input = “2,2” | End point is created, with “B” indicating the start point | Pass |
| 1.1 | Input incorrect coordinate format | Value input = “2.2” | Error message: “invalid input, please enter in the correct format” | Pass |
| 1.2 | Input “B” to return to configure menu | Value input = “B” | Return to configure menu | Pass |
| 1.3 | Input “M” to return to main menu | Value input = “M” | Return to main menu | Pass |
| 1.4 | Input isn’t in correct coordinate format or “B/M” | Value input = “U” | Error message: “invalid input, please enter a valid input of either “B/M” or coordinate in the correct format” | Pass |