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| Client: | AIT entertainment | Date: | 3/22/2023 |
| Program name: | TicTacToe | Supervisor: |  |
| Function name: |  | Authorized by: |  |

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| Test case | Test description | Expected outcome | Actual Outcome | Performed by/Date |
| 1 | Invalid input: row and column numbers are less than 1 | Error message: "Invalid input. Row and column numbers must be between 1 and 3. Try again." | Error message: "Invalid input. Row and column numbers must be between 1 and 3. Try again." |  |
| 2 | Invalid input: row and column numbers are greater than 3 | Error message: "Invalid input. Row and column numbers must be between 1 and 3. Try again." | Error message: "Invalid input. Row and column numbers must be between 1 and 3. Try again." |  |
| 3 | Invalid input: row number is greater than 3 and column number is less than 1 | Error message: "Invalid input. Row and column numbers must be between 1 and 3. Try again." | Error message: "Invalid input. Row and column numbers must be between 1 and 3. Try again." |  |
| 4 | Invalid input: row number is less than 1 and column number is greater than 3 | Error message: "Invalid input. Row and column numbers must be between 1 and 3. Try again." | Error message: "Invalid input. Row and column numbers must be between 1 and 3. Try again." |  |
| 5 | Invalid input: row and column numbers are not integers | Error message: "Invalid input. Please enter numbers only." | Error message: "Invalid input. Please enter numbers only." |  |
| 6 | Cell is already occupied | Error message: "Cell is already occupied. Try again." | Error message: "Cell is already occupied. Try again." |  |
| 7 | Player X wins | Congratulations message for Player X | Congratulations message for Player X |  |
| 8 | Player O wins | Congratulations message for Player O | Congratulations message for Player O |  |
| 9 | Game ends in a draw | Message: "Game ends in a draw." | Message: "Game ends in a draw." |  |

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| Prepared by: Sabin Raut | Date: 4/22/2023 |