## Test Plan

You will need to carry out tests to ensure that your finished program works as expected. Complete the following test plan to show what tests you will perform.

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| Test No. | Test description and purpose | Test data | Expected result | Actual Result | Action Taken |
| 1 | Window view not scalable | Try to scale the window | Window stays the same size | Window size cannot be scaled | None needed |
| 2 | Program starts fine | Opening the .exe file | Program starts up and displays team events form | Program starts and displays team form | None needed |
| 3 | Empty team name | No value | Error upon clicking any of the calculation buttons | Error box stating team names is invalid | None needed |
| 4 | Team name limit | String of 21 characters | Error upon clicking any of the calculation buttons | Input box does not accept any more characters | None needed |
| 5 | Empty individual name | No value | Error upon clicking any of the calculation buttons | Error box stating individual names is invalid | None needed |
| 6 | Individual name limit | String of 21 characters | Error upon clicking any of the calculation buttons | Input box does not accept any more characters | None needed |
| 7 | A score not being changed from 0 | No change | Error upon clicking the “Calculate Winner” button | Error box stating that no scores can be 0 | None needed |
| 8 | Entering a string into a score | “hi” | Input value is denied and reset back to 0 | Error box stating that one of the values isn’t a number | None needed |
| 9 | Entering a value above 4 into the score | “5” | Input value is denied and reset back to 0 | Error box stating that the value is above 4. | None needed |
| 10 | Calculate Winner button does its job | Click the button | Winner is calculated and displayed in a message box | Winner is calculated and displayed in a message box | None needed |
| 11 | Individual Events button does its job | Click the button | Message box shows to confirm and if yes, switch to individual events form | Confirmation is shown, switches to individual form | None needed |
| 12 | Reset Scores button does its job | Click the button | Message box shows to confirm and if yes, all scores are reset back to 0 | Confirmation is shown and resets scores back to 0 | None needed |
| 13 | Save Data button does its job | Click the button | All data is collected and saved to a .txt file | Data is collected and saved to a .txt file | None needed |
| 14 | Load Data button does its job | Click the button | .txt file is read and data is inputted into the form | .txt file is read and data is inputted into the form | None needed |
| 15 | Load Data button is pressed with no existing file | Click the button | Error displays and process is cancelled | Error displays and process is cancelled | None needed |