

Install Rubberduck for VBA or Python unittests for unittests

Excel Sheet 1 Updated & Downloaded INDOT Quantities Test Cases:
1. Test to see if new file gets updated when there is a new release
2. Test to see if removed/deleted, if it gets saved over again.
3. VBA Button updates if there is nothing there.
4. VBA Button updates if there is something there.
5. VBA Button updates if the date is incorrect.

Excel Sheet 2 HNTB Quantity Summary Sheet Test Cases:
1. Input an incorrect pay item name and see if it turns red.
2. Turn test case #1 correct, then see if the red disappears.

Excel Sheet 3 Data Tab Test Cases:
1. Unorder the pay items once, see if the tab is still the same.
2. Add a pay item, then check that the filter is the same.
3. Remove a pay item not filtered, then check that the filter pay item is removed.
4. Remove a pay item that is filtered, then check that the filter is the same.
5. Filter out item, check that it shows up on filtered out button.
6. Unfilter item, ensure it is not shown up on filtered out item.
7. Filter out item and then remove it like check 3, then check that it is the same.
8. Filter out item and then remove it like check 4, then check that it is removed from button.
9. Change pay item name to lowercase on the data tab, ensure it is uppercase on the sheet.
10. Double check columns are correct by testing two of the rows values and ensure that they match between sheets.
11. Attempt to press DES sheet button if there are not more than 1. Ensure none are created.
12. Attempt to press DES sheet if there are 2 and there is currently only 1. Ensure it is created and populated by testing the total quantity.
13. Attempt to press DES sheet if there are 2 and currently there are 2. Ensure nothing is changed by testing the total quantities in each sheet compared to the summary sheet.

Excel Sheet 4 Summary Sheet Test Cases:
1. 1 phase. 1 str. < 27 items. ensure correct.
2. 1 phase. 1 str. > 27 items. ensure correct.
3. 1 phase. 2 str. < 27 items. ensure correct.
4. 1 phase. 2 str. > 27 items. ensure correct.
5. 2 phase. 1 str. < 27 items. ensure correct.
6. 2 phase. 1 str. > 27 items. ensure correct.
7. 2 phase. 2 str. < 27 items. ensure correct.
8. 2 phase. 2 str. > 27 items. ensure correct.
9. Ensure buttons work after completion.

Button to change links Test Cases:
1. Drag into current excel, press button. Make sure it changes
2. After test case 1, click again to ensure nothing changed.
3. Close out, and open again. Repeat step 2.

Excel Sheet 5 Empty Tables:

1. Check it is there when button is pressed complete

