Excel Spreadsheet Testing

Testing Estimating Spreadsheet V 1.0. xlsm

Test 1: Mac Desktop Excel

The mac desktop is not currently supported. The csv import code uses active X command which are only supported on windows.

The spreadsheet fails and displays a visual basic run-time error message.

Test 2: Mac Office 365 in Chrome browser

The Office 365 online version of excel is not currently supported. Office 365 doesn't support Macros.

The spreadsheet displays without the visual basic message but does not include the buttons at the top of the page.

Test 3: Windows 10 on HP ProBook Laptop with Desktop Excel 2016 from Office 365

Visual Basic reports a compile error and will not continue. Unable to import CSV file.

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v1.1 release notes
Here's a new version (v1.1). Turns out somehow some stuff got pretty messed up, so I had to dive into some debugging today. That said, I fixed up the bug you reported, and have included a couple new things- the spreadsheet now throws a warning if you are using a windows excel version less than version 16 (which is what I'm using) just to let them know it was developed and tested on 16 and that they might run into some bugs. It also stops them from using it if they're on a Mac and gives them a message. As for online use, since Macros aren't available, there's no way for me to test to see if they're using the online version, so I can't throw an error, but basically in the online version there's nothing to break so we shouldn't get any "ugly" errors or anything.
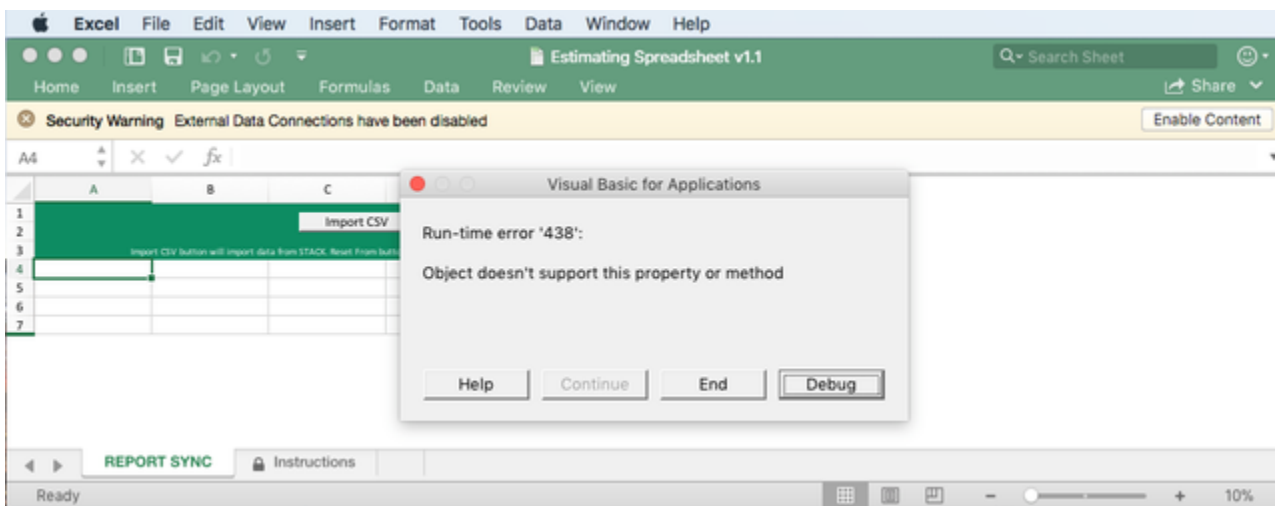Let me know how it runs!
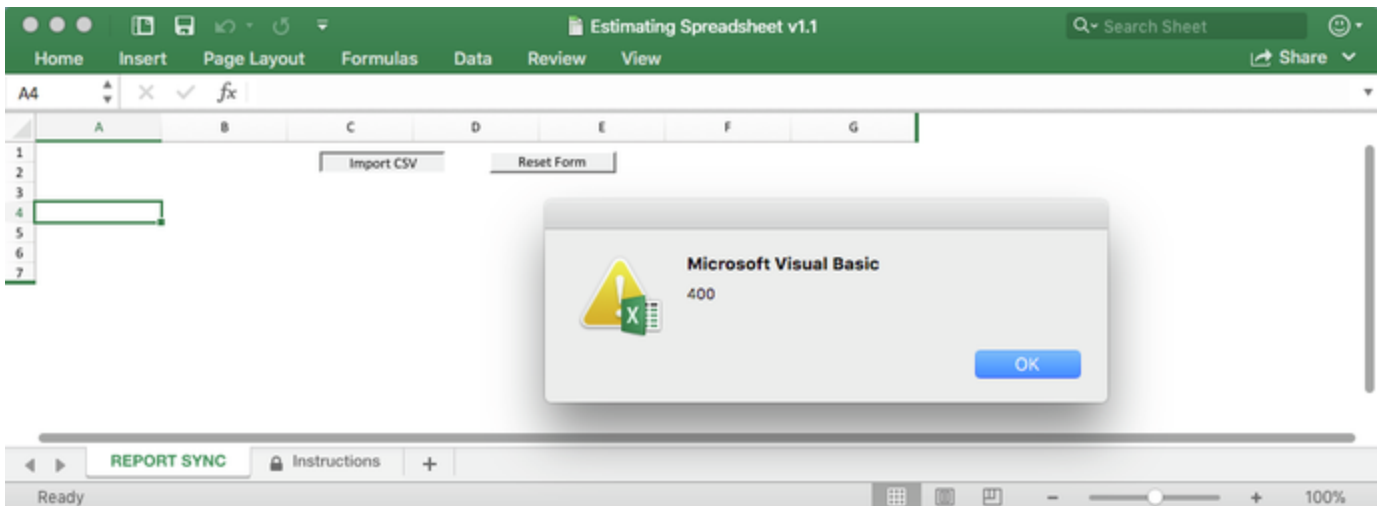(v1.1 also available in stack_share)
Bill

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v1.1 testing

Test 1: Mac Desktop Excel

The mac desktop is not currently supported. The csv import code uses active X command which are only supported on windows.

The spreadsheet fails and displays a visual basic run-time error message.
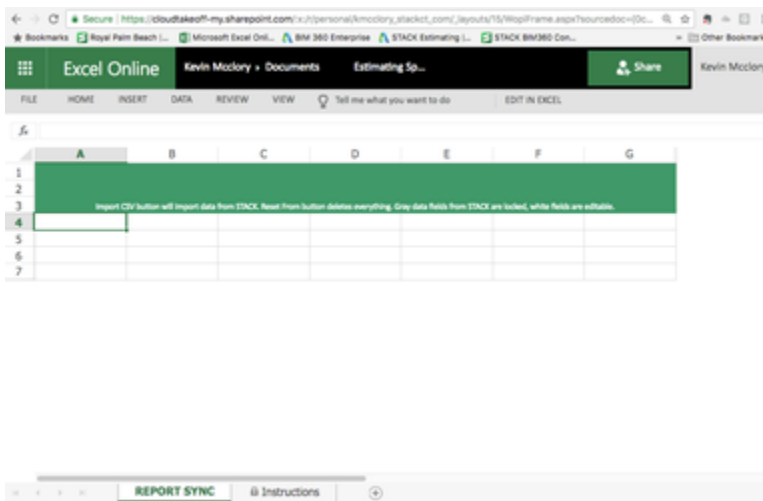

After clearing the error and enabling content

Test 2: Mac Office 365 in Chrome broswer

The Office 365 online version of excel is not currently supported. Office 365 doesn't support Macros.

Execl file was emailed and saved to local file system. Uploaded to oneDrive (from the mac) and opened in excel online.

The spreadsheet displays without the visual basic message but does not include the buttons at the top of the page.
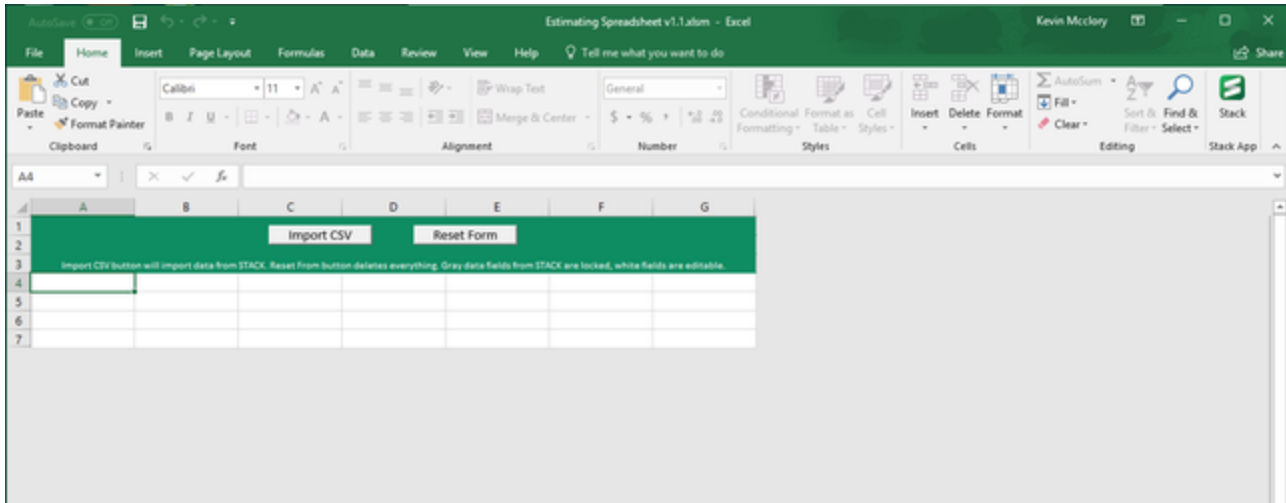

Test 3: Windows 10 on HP ProBook Laptop with Desktop Excel 2016 from Office 365

The excel spreadsheet was emailed, opened in outlook online and saved to the local file system (downloads folder)

Opened in excel desktop (office 365 version)

Enabled Editing

Enabled Content

import csv

ItemCostByTakeoffReport No groups.csv was saved to the desktop from slack and imported to the spreadsheet

entered values of 0 and 1 into each Unit Cost field one at a time to verify totols increment on all lines

Test 4: Windows 10 on HP ProBook Laptop with Desktop Excel 2016 from Office 365

import csv

ItemCostByTypeReport 1 group.csv

Testing the ability to add a price once and see it on multiple cases with different labels

Test 5: Windows 10 on HP ProBook Laptop with Desktop Excel 2016 from Office 365

import csv

ItemCostByTypeReport2groups.csv (data in this file is corrupt, the forumulas in the extended column point to the wrong cells)

ItemCostByTypeReport2GroupsA.csv

testing the ability to switch files with the same prices

Second test with clean data runs as expected

Test 5: Windows 10 on HP ProBook Laptop with Desktop Excel 2016 from Office 365

import csv

CarpetItemCostByTypeReport.csv

Testing the accuracy of the values generated using items and assemblies

(the assembly has a wastefactor built in)

	A	B	C	D	E	F	G	H
1	Takeoff	Measured Area	Waste Factor	Padding Sq Ft	Carpet Sq Ft	Qty on Report	Unit Cost	Cost on Report
2								
3	FLOORING	1,877	0.15	450.00	1,300.00			
4	Dixie Group Cut Pile Indoor Carpet - Soft Cedar 13'					1.66	$ 500.00	$ 830.21
5	Leggett & Platt 9.12mm Rubber Carpet Padding Roll Width 4.5					4.80	$ 200.00	$ 959.36
6	TOTAL							$ 1,789.57
7								
8	MODIFIED FLOORING	-	0.20	600.00	1,500.00			
9	Dixie Group Cut Pile Indoor Carpet - Soft Cedar 13'					-	$ 500.00	$ -
10	Leggett & Platt 9.12mm Rubber Carpet Padding Roll Width 4.5					-	$ 200.00	$ -
11	TOTAL							$ -
12								
13	REPORT TOTALS							
14	Dixie Group Cut Pile Indoor Carpet - Soft Cedar 13'					1.66	$ 500.00	$ 830.21
15	Leggett & Platt 9.12mm Rubber Carpet Padding Roll Width 4.5					4.80	$ 200.00	$ 959.36
16	TOTAL							$ 1,789.57

Measured Area = 1,877

Total cost = 1789.57

	A	B	C	D	E	F	G	H	I	J	K
1											
2			Import CSV			Reset Form					
3			Import CSV button will import data from STACK. Reset From button deletes everything. Gray data fields from STACK are locked, white fields are editable.								
4	Material										
5	Name		Cost Type	Unit Cost	Qty	Unit	Waste	Adjusted Qty	Adjusted Cost	Markup	Total	Notes
6	Dixie Group Cut Pile Indoor Carpet - Soft Cedar 13'		Material	$500.00	1.66	Roll	0.0%	1.66	$830.00	0.0%	$830.00	
7	Leggett & Plat 9.12mm Rubber Carpet Padding Roll Width	Material		$200.00	4.8	Roll	0.0%	4.8	$960.00	0.0%	$960.00	
8									Tax	0.0%	$0.00	
9									Subtotal		$1,790.00	
10	Miscellaneous										
11	Name		Cost Type	Unit Cost	Qty	Unit	Waste	Adjusted Qty	Adjusted Cost	Markup	Total	Notes
12								0	$0.00		$0.00	
13	Add Item								Tax	0.0%	$0.00	
14									Subtotal		$0.00	
15												
16												
17	Subtotal										$1,790.00	
18	Overhead									0.0%	$0.00	
19	Profit Margin									0.0%	$0.00	
20	Total Project Cost										$1,790.00	
21												
22			STACK Construction Technologies is not responsible for ensuring the accuracy and completeness of this report. Results are not guaranteed.									

Total Project Cost = 1790.00

this total has been rounded up to the next whole dollar

Test 6: Windows 10 on HP ProBook Laptop with Desktop Excel 2016 from Office 365

import csv

ItemCostByTypeReport 1 group.csv

enter $100 as price for all items, check to see if totals match with decimals shifted to the left

Test 7: Windows 10 on HP ProBook Laptop with Desktop Excel 2016 from Office 365

import csv

ItemCostByTypeReport 1 group.csv

enter $10 as price for all items, check to see if totals match with decimals shifted to the left

Use drag to copy the first $10 value to additional inputs

This triggers a debugger error

Clicking the end button clears the error message and continues as expected

Tried the same method with wastefactor with a similar error

when scrolling to the bottom of the page I notice the Add Item button is missing from the Misc section

	B		C	D	E	F	G	H	I	J	K	L
58	09.30.06 (6) Tile Installers		Crew Hours	$100.00	38.47	Man Hours	0.0%	38.47	$3,847.00	0.0%	$3,847.00	
59	09.30.06 (6) Tile Installers		Crew Hours	$100.00	43.37	Man Hours	0.0%	43.37	$4,337.00	0.0%	$4,337.00	
60	09.30.06 (6) Tile Installers		Crew Hours	$100.00	333.28	Man Hours	0.0%	333.28	$33,328.00	0.0%	$33,328.00	
61	09.30.06 (6) Tile Installers		Crew Hours	$100.00	1869.59	Man Hours	0.0%	1869.59	$186,959.00	0.0%	$186,959.00	
62	09.30.06 (6) Tile Installers		Crew Hours	$100.00	368.04	Man Hours	0.0%	368.04	$36,804.00	0.0%	$36,804.00	
63	09.30.06 (6) Tile Installers		Crew Hours	$100.00	19.87	Man Hours	0.0%	19.87	$1,987.00	0.0%	$1,987.00	
64									Insurance	0.0%	$0.00	
65										Subtotal	$286,751.00	
66												
67	Name		Cost Type	Unit Cost	Qty	Unit	Waste	Adjusted Qty	Adjusted Cost	Markup	Total	Notes
68	Dumpster		Other	$100.00	100	Days	0.0%	100	$10,000.00		$10,000.00	
69									Tax	0.0%	$0.00	
70										Subtotal	$10,000.00	
71												
72												
73											$299,448.16	
74										0.0%	$0.00	
75										0.0%	$0.00	
76											$299,448.16	
77												
78		STACK Construction Technologies is not responsible for ensuring the accuracy and completeness of this report. Results are not guaranteed.											

this was not reproducable as a seperate bug

Test 8: Windows 10 on HP ProBook Laptop with Desktop Excel 2016 from Office 365

import csv

ItemCostByTypeReport 1 group.csv

entered prices for materials

enter a few items in the Misc

entered 10 for Overhead and 25 for Profit. the values remain at zero with the total uneffected.

	A	B	C	D	E	F	G	H	I	J	K	L
64									Insurance	0.0%	$0.00	
65										Subtotal	$0.00	
66	Miscellaneous											
67	Room	Name	Cost Type	Unit Cost	Qty	Unit	Waste	Adjusted Qty	Adjusted Cost	Markup	Total	Notes
68	None	Dumpster	Other	$100.00	100	Days	0.0%	100	$10,000.00	0.0%	$10,000.00	
69		Electrical	Other	$10.00	100	Days	0.0%	100	$1,000.00	0.0%	$1,000.00	
70		Water	Other	$10.00	100	Days	0.0%	100	$1,000.00	0.0%	$1,000.00	
71	Add Item								Tax	0.0%	$0.00	
72										Subtotal	$12,000.00	
73												
74												
75	Subtotal										$1,286.80	
76	Overhead									10.0%	$0.00	
77	Profit Margin									25.0%	$0.00	
78	Total Project Cost										$1,286.80	
79												
80				STACK Construction Technologies is not responsible for ensuring the accuracy and completeness of this report. Results are not guaranteed.									

Ran the same test using ItemCostByTypeReport2GroupsA.csv and was not able to reproduce the bug