Testing PCC 1.4.2

Dropbox folder with Test files https://www.dropbox.com/home/Stack_share/Reports

The current version of the file is opened from dropbox and saved to onedrive file with kevintesting appended to the name.

Test Prep:

Verify you have the latest version of excel loaded.

In excel under **File/Account** look at About Excel and record the version and build below

Windows 10 version 1511 10586.1176, Excel Version 1806 (Build 10228.20134) 32bit

Macintosh version 10.13.5, Excel Version 16.15 (180709)

Platform stats

HP ProBook Laptop with Windows10 Pro version 1511 (Build 10586.1176)

Test 1:

App Launch test

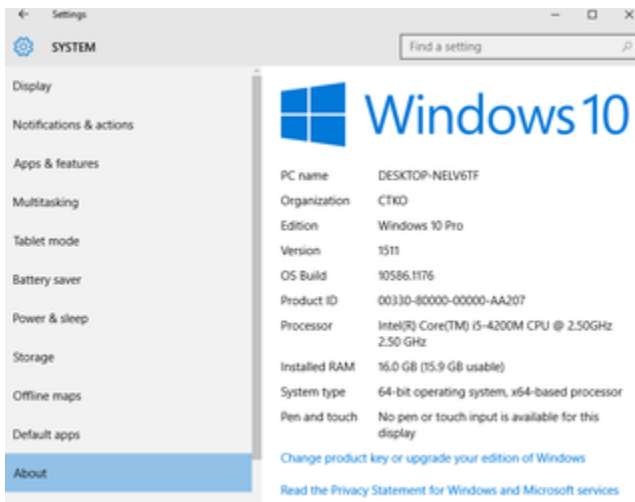OS X Macbook Pro Laptop with Desktop Excel mac(pass)

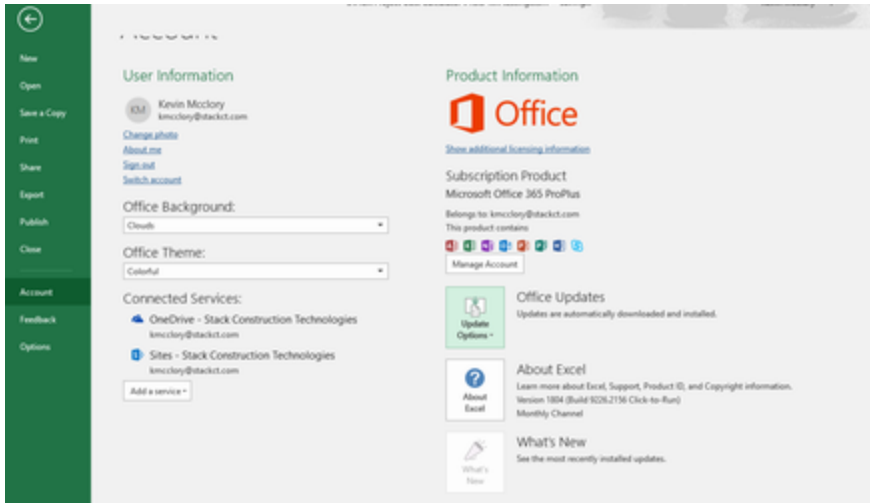Windows 10 on HP ProBook Laptop with Desktop Excel   pc (pass)

go to the project dropbox page and make a copy of the latest version from the versioning folder at: https://www.dropbox.com/home/Stack_share/versioning

change the copies name to make it clear this one is for testing

https://www.dropbox.com/ow/msft/edit/personal/Stack_share/STACK%20Project%20Cost%20Calculator%20v1.4.2KMtesting.xlsm?hpt_click_ts=1531851399572
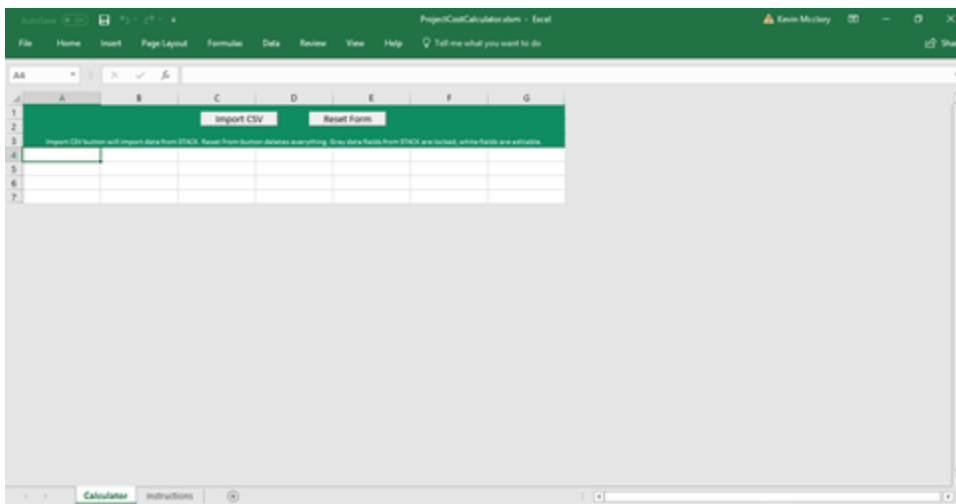
Open the file in the latest version excel desktop

Enabled macros

Enabled Content

Open Instructions page and verify new version number is 1.4.2

Test 2:

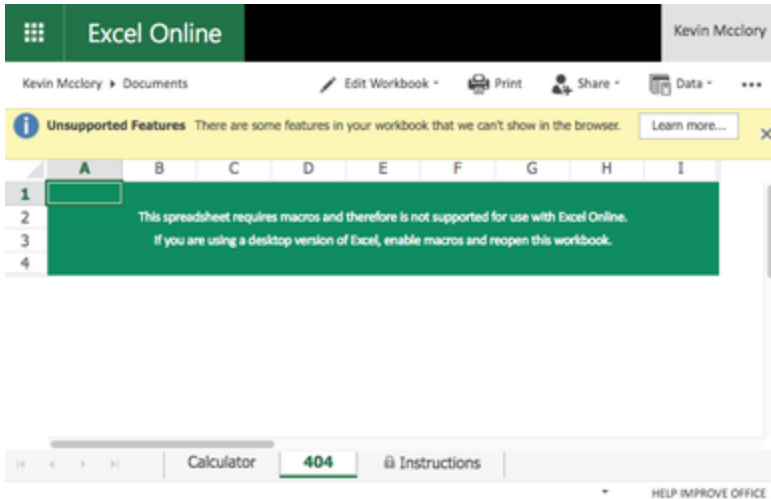Mac Office 365 in Chrome browser mac(pass)

pc office 365 in firefox pc(pass)

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

The application should fail gracefully on unsupported version of excel.

File was copied from dropbox to onedrive and launched in Excel online version

Spreadsheet should display informational text advising user about requiring macros.

Test 3:

Test 4: Enter prices

OS X high Sierra 1Macbook Pro Laptop with Desktop Excel   mac(fail)

Windows 10 on HP ProBook Laptop with Desktop Excel   pc(fail)

both version produce a different total $1,801,175.00

total with overhead and profit inputs is $2,330,932.35

First item price in the quote sheet is $77.65

Mac refreshes the page twice each time a value is entered in the unit cost column.

reset form

import csv   -   ItemCostByTypeReport 1 group.csv

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

Enter unit cost of $100, $200, $300, $400, $500 in first group(Women's Restroom). Prices should repeat in other groups automatically.

Enter unit cost of $600 for Crew hours. Total for the sheet should equal $1,801,196.06

Add 10% for overhead

add 15% for profit

the new total should be 2,330,959.61

Click the update bid report button. The bid sheet should reflect the same lines as the calculator but with fewer columns. The line prices should be adjusted to include markup and overhead.

The price for the first line item (thin-set flexbond...) should be $77.06

The totals should match the calculator total. $2,330,959.61

when zoomed out, text for formulas displays' oddly

Test 5: Two levels of labels

OS X high Sierra Macbook Pro Laptop with Desktop Excel   mac(pass)

Windows 10 on HP ProBook Laptop with Desktop Excel pc(pass)

import csv - ItemCostByTypeReport2GroupsA.csv

testing with two levels of labels

enter unit cost $100 for CG-Bridal Vail Tree

price should appear in 3 places in the sheet

Total for the sheet = $6764.00

screen shot from PPC 1.1.5pc version shows two levels of labels, manual price is bold and repeats

Test 6: Accuracy Test

OS X high Sierra Macbook Pro Laptop with Desktop Excel mac(fail)

Windows 10 on HP ProBook Laptop with Desktop Excel pc (fail)

Total is $1790.00, adjusted QTYs are 1.66 and 4.8 (as expected)

Reset Form

import csv - CarpetItemCostByTypeReport.csv

Testing the accuracy of the values generated using items and assemblies

(the assembly has a wastefactor built in and does not use waste factor in spreadsheet)

	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

should display the value rounded to two decimal places but calculate the result using the full value.

QTY = 1.66

QTY = 4.80

Total cost = 1789.57

	A	B	C	D	E	F	G	H	I	J	K
1					Import CSV			Reset Form			
2											
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	$830.21	0.0%	$830.21	
7	Leggett & Plat 9.12mm Rubber Carpet Padding Roll Width	Material	$200.00	4.80	Roll	0.0%	4.8	$959.36	0.0%	$959.36	
8								Tax	0.0%	$0.00	
9									Subtotal	$1,789.57	
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									$1,789.57	
18	Overhead								0.0%	$0.00	
19	Profit Margin								0.0%	$0.00	
20	Total Project Cost									$1,789.57	
21											
22				STACK Construction Technologies is not responsible for ensuring the accuracy and completeness of this report. Results are not guaranteed.							

Calculator | Instructions | (+)

Ready   90%

click the update bid report button

bid report should show the same values as the calculator tab

Qty = 1.66 and 4.8

Total $1789.57

Test 7: Misc items

OS X high Sierra Macbook Pro Laptop with Desktop Excel mac(pass)

Windows 10 on HP ProBook Laptop with Desktop Excel pc(pass)

testing the totals for Miscellaneous section

Import CSV - ItemCostByTypeReport 1 group.csv

Add an Item to the Mscellaneous section

Name: Dumpster Cost Type: Other Unit Cost: 134.50 QTY 11.15 Unit: Days Waste: 0.0%, Markup: 0.0

Add a second Item to the Miscellaneous section and leave the fields blank.

Total should be $1,499.68

Screen shot of PCC v1.1.5 pc version shows misc item added with total $1499.68

click the update Bid Report btn

the Bid report should list all the information entered and the totals should match

Test 8: Customer data Summary sections

OS X high Sierra Macbook Pro Laptop with Desktop Excel mac(ok)

Windows 10 on HP ProBook Laptop with Desktop Excel pc(ok)

File loads successfully but totals for charlies report are incorrect as noted above

Mac version refreshes each time you hit the enter key, very annoying

testing against customer data (charlie), multiple summary sections

import csv file Charlies-ItemCostByTypeReport (10).csv

file should open without errors

click update bid report btn

total on both tabs should match: $128834.75

	A	B	C	D	E	F	G	H	I	J	K
16	Screws 1.5" Palomar Coated	Material	$0.04	3680.180311	Each	0.0%	3680.18	$147.21	0.0%	$147.21	
17	CMU U Bond 8" x 8" x 16"	Material	$2.03	47.9653985	Each	0.0%	47.97	$97.37	0.0%	$97.37	
18	Alum Termination Bar	Material	$0.50	837.363263	Ft	0.0%	837.36	$418.68	0.0%	$418.68	
19	Stainless Steel Drip Edge 3"	Material	$0.79	837.363263	Ft	0.0%	837.36	$661.52	0.0%	$661.52	
20	Mortar Net Wall Defender 2"	Material	$1.25	837.363263	Ft	0.0%	837.36	$1,046.70	0.0%	$1,046.70	
21	Cell Vents	Material	$0.35	380.619665	Ea	0.0%	380.62	$133.22	0.0%	$133.22	
22	4x4x16 Brick #1	Material	$1.80	7799.327918	Ea	0.0%	7799.33	$14,038.79	0.0%	$14,038.79	
23	Type S 3000 LB Block Mortar	Material	$160.00	5.084567434	Bag	0.0%	5.08	$813.53	0.0%	$813.53	
24	DW-10 W/legs for 1" Ins Seismic	Material	$1.94	2866.20907	Ea	0.0%	2866.21	$5,560.45	0.0%	$5,560.45	
25	Back Fill Mortar Adjustable	Material	$145.00	3.85976214	bag	0.0%	3.86	$559.67	0.0%	$559.67	
26	Grout-8" Grout Solid Option	Material	$145.00	8.502719886	Bag	0.0%	8.5	$1,232.89	0.0%	$1,232.89	
27	4x8x16 smooth gray block	Material	$1.26	701.6830459	Each	0.0%	701.68	$884.12	0.0%	$884.12	
28									Tax	0.0%	$0.00	
29										Subtotal	$56,823.96	
30	Labor										
31	Name	Cost Type	Unit Cost	Qty	Unit	Waste	Adjusted Qty	Adjusted Cost	Markup	Total	Notes
32	4x4x16 Brick Labor	Labor	$2.50	7799.327918	Ea	0.0%	7799.33	$19,498.32	0.0%	$19,498.32	
33	8" & 6" gray block - 5.50 per block	Labor	$5.50	1328.966073	Ea	0.0%	1328.97	$7,309.31	0.0%	$7,309.31	
34	Modular Brick Labor 1.20 per brick	Labor	$1.20	34745.61098	Ea	0.0%	34745.61	$41,694.73	0.0%	$41,694.73	
35	4" Gray Block Labor 5.00 per block	Labor	$5.00	701.6830459	Ea	0.0%	701.68	$3,508.42	0.0%	$3,508.42	
36									Tax	0.0%	$0.00	
37										Subtotal	$72,010.78	
38	Miscellaneous										
39	Name	Cost Type	Unit Cost	Qty	Unit	Waste	Adjusted Qty	Adjusted Cost	Markup	Total	Notes
40								0	$0.00		$0.00	
41	Add Item								Tax	0.0%	$0.00	
42										Subtotal	$0.00	
43											
44											
45	Subtotal										$128,834.75	
46	Overhead									0.0%	$0.00	
47	Profit Margin									0.0%	$0.00	
48	Total Project Cost										$128,834.75	
49											

PCC V1.1.5 on pc shows data displays correctly

Testing against customer data (Tadd), Takeoff Summary Report

manually enter prices of 1, 2, 3, 4, 5

no duplication of prices

total is $236.00

	A	B	C	D	E	F	G	H	I	J	K
1					Import CSV		Reset Form				
2											
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	Name	Description	Qty	UOM	Unit Cost	Waste	Adjusted Qty	Adjusted Cost	Markup	Total	Notes
5	EDC Door unit		8.00	Ea	$1.00	0.0%	8	$8.00	0.0%	$8.00	
6	Camera - wall fixed exterior		9.00	Ea	$2.00	0.0%	9	$18.00	0.0%	$18.00	
7	Data - 2 drop floor		6.00	Ea	$3.00	0.0%	6	$18.00	0.0%	$18.00	
8	Data - TV		13.00	Ea	$4.00	0.0%	13	$52.00	0.0%	$52.00	
9	Data - 2 drop wall		28.00	Ea	$5.00	0.0%	28	$140.00	0.0%	$140.00	
10	Data - 1 drop wall		6.00	Ea	$0.00	0.0%	6	$0.00	0.0%	$0.00	
11	Data - Phone drop (P)		14.00	Ea	$0.00	0.0%	14	$0.00	0.0%	$0.00	
12	A/V - Speaker Ceiling recessed		42.00	Ea	$0.00	0.0%	42	$0.00	0.0%	$0.00	
13	A/V - volume control		13.00	Ea	$0.00	0.0%	13	$0.00	0.0%	$0.00	
14	A/V - Speaker Horn		4.00	Ea	$0.00	0.0%	4	$0.00	0.0%	$0.00	
15	IDS - motion wall		6.00	Ea	$0.00	0.0%	6	$0.00	0.0%	$0.00	
16	A/V - Speaker Hanging		26.00	Ea	$0.00	0.0%	26	$0.00	0.0%	$0.00	
17	Rack - wall rack		1.00	Ea	$0.00	0.0%	1	$0.00	0.0%	$0.00	
18									Tax	0.0%	$0.00	
19										Subtotal	$236.00	
20	Miscellaneous										
21	Name	Description	Qty	UOM	Unit Cost	Waste	Adjusted Qty	Adjusted Cost	Markup	Total	Notes
22								0	$0.00		$0.00	
23	Add Item								Tax	0.0%	$0.00	
24										Subtotal	$0.00	
25											
26											
27	Subtotal										$236.00	
28	Overhead									0.0%	$0.00	
29	Profit Margin									0.0%	$0.00	
30	Total Project Cost										$236.00	

screen shot of PCC v1.1.5 on pc shows data displays correctly

Test 9: testing for Accounting Codes

OS X high Sierra Macbook Pro Laptop with Desktop Excel mac(pass)

Windows 10 on HP ProBook Laptop with Desktop Excel pc(pass)

testing for Accounting Codes

Reset form

import ItemCostByTypeReport-AcctCodes.csv

left most column should display Accounting Codes, column should include a mix of text and blank cells

screen shot of PCC v 1.1.5 on pc shows accounting codes in left most column

reset form

import ItemCostByTypeReport-RoofingAcctCode.csv

left most column should display Accounting Codes, all cells but one are blank

Test 10: testing for blank and non-numeric data in QTY cell

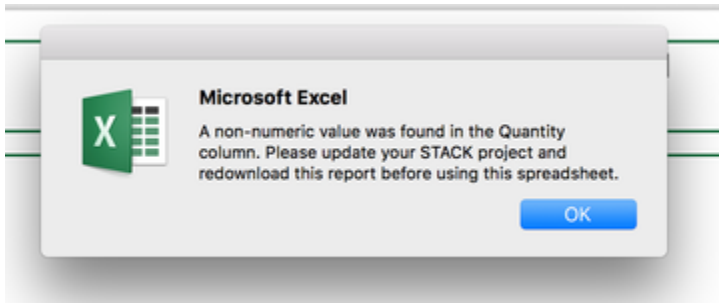OS X high Sierra Macbook Pro Laptop with Desktop Excel mac(fail)

Windows 10 on HP ProBook Laptop with Desktop Excel pc(ok)

File loads on mac version, does not display error message, displays non-numeric values in QTY column.

on second attempt, error message is displayed but you still see the non-numeric values in the report.

test performs correctly on pc version, however totals don't match as indicated in earlier test

rest form

import itemsCostByTypeReport-AcctCodeRene.csv

a message should appear warning of non-numeric data in the Qty field

Reset form

import itemsCostByTypeReport-AcctCodeRene-fixed.csv

this file contains several blanks in the QTY column, PPC displays the data as it appear in the CSV file

Totals are set to zero for lines with blank QTYs. Total is $931,506.30

screen shot of PCC v1.1.5 on pc shows blanks in the QTY column

Test 11: testing for prompt for permission to overwrite file on close

OS X high Sierra Macbook Pro Laptop with Desktop Excel mac(pass)

Windows 10 on HP ProBook Laptop with Desktop Excel pc(pass)

turn autosave feature off

change the first price to 5

Save the file to your desktop

click the "X" in the upper right corner to close excel

Excel prompts for permission to before overwritting the file.

Test 12: Bid Report Print Format

Mac ()

PC()

click the update bid report button

open the Bid Report Tab

Click the stack logo and hit the delete key, Logo should be deleted

In the empty space, type customer logo here

select the entire report

click on file / print

choose save as pdf

save the pdf file to your desktop and open the file

The content should fit the page with the extended column visible.

background behind the text is white

header is green with customer logo here text in black

reset the pcc

import a different csv file

update the bid report

print the report

the reset function should remove the text "customer logo here" but not replace the stack logo.

the page should be well formatted for printing with the totals column visible.

test 12

info tab update

mac ()

pc()

Text on the info page is not editable. attempting to edit text should trigger a message to click the add new info button below. Current message is misleading.

Add new info button is confusing after you've used it once. This is really add/edit info.

Clear info button is confusing, I thought it would clear one item from the page. does not effect logo or custom color. Not sure why we need this button.

Saving info does not update the Quote sheet, must click update quote button on calculator to see changes on quote page. Update should not effect calculator data or project details on quote sheet.

Upload logo support png but not jpg file format. you can manually enter a jpg and get it to load. should support gif as well.

Set custom color button reset returns you to calculator page.

Typo in instructions on calculator page Reset "From" should say Reset Form.

Round up button on the calculator page should function as a toggle. first click turns rounding on. Second click turns rounding off. button text might change to say "No rounding".

Duplicate the Update Quote Button at the top of the page in the green space, place Reset Form button close to Import CSV button to make room for new button.

Reset PCC

click on info tab

click "Add new info button"

enter information on each line of form

click cancel button, should return to quote page with no changes

click "add new info button"

enter info on each line of form

click ok button, should save all info and update the quote page as well.