## **Testing Results**

for

# Entre Hilos & Algodón Management Software

Version 3.3.0 approved

Prepared by Gaman GeekLords

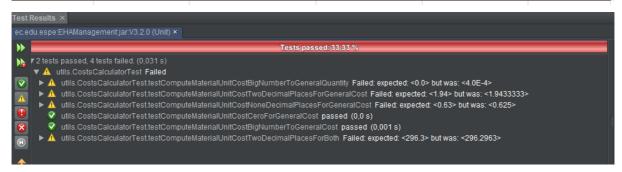
Universidad de las Fuerzas Armadas ESPE

27/02/22

## Tests for computeMaterialUnitCost method

#### **Before tests**

		Unit Test compute	MaterialUnitCost		
Test case	General Cost	GeneralQuantity	Expected Result	Actual Result	Status
1	5,00	10	0,50	0,50	OK
2	2,50	2	1,25	1,25	OK
3	-8,41	-5	Not possible to enter	Not possible to enter	OK
4	2,666666	2,4	Not possible to enter	Not possible to enter	OK
5	2	8	0,25	0,25	OK
6	a	10	Not possible to enter	Not possible to enter	OK
7	5	5	1,00	1,0	OK
8	5,222	-9	Not possible to enter	Not possible to enter	OK
9	2222222,2	7500	296,30	296,2963	FAIL
10	4	10000	0,00	0,0004	FAIL
11	5	8	0,63	0,625	FAIL
12	6,5	7,4	Not possible to enter	Not possible to enter	OK
13	10	5	2,00	2	OK
14	5,8	3	1,93	1,9333334	FAIL
15	4,5,	2	Not possible to enter	Exception	FAIL
16	2	-8	Not possible to enter	Not possible to enter	OK
17	4	k	Not possible to enter	Not possible to enter	OK
18	0	7	0,00	0	OK
19	555,5	6,6666666	Not possible to enter	Not possible to enter	OK
20	2,5555555	20	Not possible to enter	0,125	FAIL
21	2222222222	30000000	74,07	0,74	OK
22	0	0	Not possible to enter	Not possible to enter	OK
23	55555555	10	5,56E+07	5,56E+07	FAIL
24	23,56	0	Not possible to enter	Not possible to enter	OK
25	22	0	Not possible to enter	Not possible to enter	OK



After tests

		Unit Test comput	eMaterialUnitCost			
Test case	General Cost	GeneralQuantity	Expected Result	Actual Result	Status	
1	5,00	10	0,50	0,50	OK	
2	2,50	2	1,25	1,25	OK	
3	-8,41	-5	Not possible to enter	Not possible to enter	OK	
4	2,666666	2,4	Not possible to enter	Not possible to enter	OK	
5	2	8	0,25	0,25	OK	
6	а	10	Not possible to enter	Not possible to enter	OK	
7	5	5	1,00	1,0	OK	
8	5,222	-9	Not possible to enter	Not possible to enter	OK	
9	2222222,2	7500	296,30	296,30	OK	
10	4	10000	0,00	0,00	OK	
11	5	8	0,63	0,63	OK	
12	6,5	7,4	Not possible to enter	Not possible to enter	OK	
13	10	5	2,00	2,00	OK	
14	5,83	3	1,94	1,94	OK	
15	4,5,	2	Not possible to enter	Exception	In work	Validation issues
16	2	-8	Not possible to enter	Not possible to enter	OK	
17	4	k	Not possible to enter	Not possible to enter	OK	
18	0	7	0,00	0,00	OK	
19	555,5	6,6666666	Not possible to enter	Not possible to enter	OK	
20	2,5555555	20	Not possible to enter	0,13	In work	Validation issues
21	222222222	3000001	74,07	0,74	OK	
22	0	0	Not possible to enter	Not possible to enter	OK	
23	55555555	10	5,56E+07	5,56E+07	OK	
24	23,56	0	Not possible to enter	Not possible to enter	OK	
25	22	0	Not possible to enter	Not possible to enter	OK	

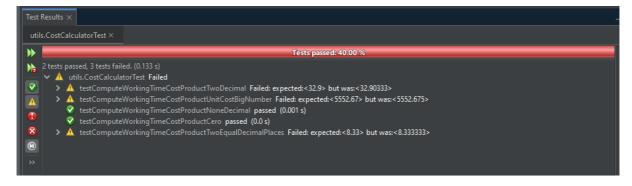


## Tests for computeWorkingTimeCostPerProduct method

**Before tests** 

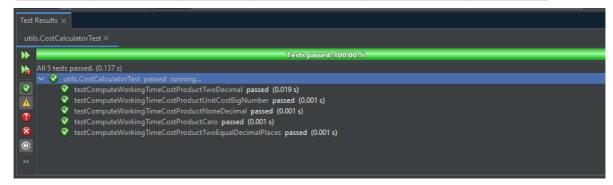
Testing Results for Entre Hilos & Algodón Management Software

		Unit Test comput	teWorkingTimeCostPerPr	oduct	
Test case	Working Time	Current Salary	Expected Result	Actual Result	Status
1	5	400,00	8,33	8,333333	Fail
2	10	450,63	18,78	18,76249	Fail
3	8	987,1	32,90	32,9	Ok
4	0	123,32	0,00	0	Ok
5	1	12,66	0,05	0,052775003	Fail
6	12	98765,22	4938,26	4938,26	Ok
7	100	24	10,00	10	Ok
8	2	666321,03	5552,68	5,552,675	Fail
9	3	2352,62	29,41	29.407.825	Fail
10	4	123,32	2,06	2,06	Ok
11	1	22,33	0,09	0,09	Ok
12	2126	951,000001	8424,28	8424,278	Fail
13	0	0	0,00	0	Ok
14	19	123,21	9,75	9,75	Ok
15	15	598,36	37,40	37,4	Ok
16	888888888	7,68666	283950370,35	283950370,3	Fail
17	2,1	2	0,02	0,02	Ok
18	91	23	8,72	8,72	Ok
19	666666666,0	98888888,1	274691355558642,00	274691355558641,00	Fail
20	9	999,1	37,47	37,47	Ok
21	98	87965432,1	35919218,11	359192,2	Fail
22	12	980000,9	49000,05	4900,00	Ok
23	5	126,32	2,63	2,63	Ok
24	9	174,98	6,56	6,56205	Fail
25	15	12,12	0,76	0,76	Ok



### After tests

Test case	Working Time	Current Salary	Expected Result	Actual Result	Status
1	5	400,00	8,33	8,33	Ok
2	10	450,63	18,78	18,78	Ok
3	8	987,1	32,90	32,9	Ok
4	0	123,32	0,00	0	Ok
5	1	12,66	0,05	0,05	Ok
6	12	98765,22	4938,26	4938,26	Ok
7	100	24	10,00	10	Ok
8	2	666321,03	5552,68	5.552,68	Ok
9	3	2352,62	29,41	29,41	Fail
10	4	123,32	2,06	2,06	Ok
11	1	22,33	0,09	0,09	Ok
12	2126	951,000001	8424,28	8424,28	Ok
13	0	0	0,00	0	Ok
14	19	123,21	9,75	9,75	Ok
15	15	598,36	37,40	37,4	Ok
16	888888888	7,66666	283950370,35	283950370,35	Ok
17	2,1	2	0,02	0,02	Ok
18	91	23	8,72	8,72	Ok
19	666666666,0	98888888,1	274691355558642,00	274691355558642,00	Ok
20	9	999,1	37,47	37,47	Ok
21	98	87965432,1	35919218,11	35919218,11	Ok
22	12	980000,9	49000,05	4900,00	Ok
23	5	126,32	2,63	2,63	Ok
24	9	174,98	6,56	6,56	Ok
25	15	12,12	0,76	0,76	Ok



## $Tests\ for\ compute Materials Cost Per Product\ method$

**Before tests** 

Test	ore less!					
Test			Had Sant season	nitraterioris Castifor Per		
	i sese	Material and cost	material manufacture	Exercised Result	Ashud Hennii	Blahas
		0.50	2,1			
1		1.00	1	1		l
1	1	1.42	3.8	1,12	8,82	OK
1		1,80	1	1		l
-		1	1			
1		2	- 1			l
	2	- 1	3	21		OK
			-	1	31	l
$\vdash$		3.00	-			
1		1.2	1	1		l
1	3			Not possible to enter	Nat passable to enter	OK
1		0.3	1			l
⊢		4,2				
l		3	2			l
1	4	0.3	2	Not possible to enter	Not preside to enter	OK
		1	1			l
		0.3	4			
		1,32	2			l
		0,76	1	16.36	14.34	OK
l		3,33	1			
ഥ		4	1			
		1,6321	2			l
ı		0,32		Not possible to enter	Not preside to enter	OK
		3	4			
		2,1313	2,588			
I	7	0,38	4.83	21.38	21,374847	PAL
I		1,784	1,0004	21,38	21,27680	100
L_		2	6,5	L		
		1,12	2			
I		3,3,3001	1	Not any other	The second second	OK.
I	-	3.21	1	Not possible to retire	Nat provide to reter	C.K.
1		1	1			I
$\overline{}$		0	1			
1	_	0,32	2			
1		1,1321	1	Not posside to enter	Not preside to reter	OK
1		0,68	1			I
-		0,32				
1		2	0,3	1		
1	10	1,2	1	Not possible to retire	4,077888	FAL
1		0.3321	3.1133311111	1		
-		12	0.3			
1	11	0.3	10	8,0	9,5	OK
1		3	1.3			
-		300,11	1			
1		90,1	2	1		
1	12	212,11	0.00	873,44	873,4388	PAL
1		40.21	12	1		
-		- 11				
1		4,12	21,1111			
1	13	2	1	Not possible to enter	Nat provide to enter-	OK
1		2	1	1		l
$\overline{}$						
1		2	1			
4		12	7	Not see the beauty		~
1	14			Noi possible to enter	Nat percebbe to enter	ок
	14	12	7	Not possible to enter	Nat passible to order	OK
	14	12	7	Not possible to retire	Nat paradide to enter	OK.
		12	7 8 12,3131			
	14	12	7 2 12,3121 6,62 6,3	Not possible to retire	Nat persible to order	OK PAL
_		12 1 0 31 1 3,31	7 8 12,3121 0,63 0,3 0,74			
_		12 1 0 21	7 2 12,3121 6,62 6,3			
	18	12 1 0 31 1 1,31 401319,11	7 2 13,3131 6,63 6,74 6,73 1	663378,78	683278,8	FAL
		13 1 0 31 1 3,31 401312,11	7 8 12,3121 6,63 6,74 6,72 1			
	18	12 1 0 31 1 1,31 401319,11	7 2 13,3131 6,63 6,74 6,73 1	663378,78	683278,8	FAL
	18	12 1 0 31 1 1,31 401312,11 1 0,33	7 2 13,3131 6,63 6,74 6,73 1	663378,78	683278,8	FAL
	18	12 1 0 21 1 1,21 401212,11 401212,11 1 0,32	7 8 12,3121 6.63 6.74 6.72 1 1 2	663378,78	663275.8 Nal provide to reter	FAE.
	18	12 1 0 31 1 3,21 801312,11 w 1 0,32 2,3	7 8 12,3121 6,03 6,76 6,73 1 1 2 1 2 1,33323	663378,78	683278,8	FAL
	18	13 1 0 21 1 3.21 801212,11 w 1 0.32 2.3 2.101 12	7 8 12,2121 0,622 0,52 0,52 0,52 1 1 1 21,333333 0,53 0,51 0,51 0,51 0,51	663378,78	663275.8 Nal provide to reter	FAE.
	18	12 1 0 21 1 3,21 621212,11 1 0,32 2,3 21,01	7 8 13,2121 0.03 0.2 0.74 0.75 1 1 1 2 1 2 1 2 1 2 1 2 1 0.2 0.7 0.0 0.7 0.0 0.7 0.0 0.7 0.0 0.7 0.0 0.7 0.0 0.7 0.0 0.0	663378,78	663275.8 Nal protable to reter	FAE.
	18	13 1 0 21 1 3.21 801212,11 w 1 0.32 2.3 2.101 12	7 8 12,2121 0,622 0,52 0,52 0,52 1 1 1 21,333333 0,53 0,51 0,51 0,51 0,51	663278,78 Nad posselide to evite Nad posselide to evite	6833TE,8 Nat provide to reter	PAL OK
	18	12 1 0 31 1 3.27 401010,11 1 0.32 2.3 2.101 12 13	7 8 13,2121 0.03 0.2 0.74 0.75 1 1 1 2 1 2 1 2 1 2 1 2 1 0.2 0.7 0.0 0.7 0.0 0.7 0.0 0.7 0.0 0.7 0.0 0.7 0.0 0.7 0.0 0.0	663278,78 Nad posselide to evite Nad posselide to evite	663275.8 Nal protable to reter	FAE.
	18	12 1 0 31 1 3.27 401010,11 1 0.32 2.3 2.101 12 13	7 8 13.2121 0.52 0.3 0.74 0.72 1 1 1 1 2 1.33333 0 0.1 0.71 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.	663278,78 Nad posselide to evite Nad posselide to evite	6833TE,8 Nat provide to reter	PAL OK
	18	12 1 0 31 1 3.27 401010,11 1 0.32 2.3 2.101 12 13	12,2721 0.22 0.72 0.72 1 1 1 2 2 1 21,22322 0 0 0,72 1 1 1 2 0,72 0 1 0,72 1 1 0,72 1 1 0,72 0 0 0,72 0 0,72 0 0 0,72 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	663278,78 Nad posselide to evite Nad posselide to evite	6833TE,8 Nat provide to reter	PAL OK
	10	12 1 0 27 1 1 2,21 901012,11 0,32 2,3 21,01 12 13 14 1,89	7 8 13,2121 8,822 8 12,2121 1 1 2 1,22222 8 1,21 6,12 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	663274.74 Not possible in retire Not possible in retire Not possible in retire	683378,8 Nal yanadde la enter Nal yanadde la enter	CK CK
	18	12 1 0 20 1 3.29 801313,11 1 0,32 2.3 21.01 12 13 15 17 18 17 18 18 18 18 18 18 18 18 18 18	9 13,2121 0,52 0,52 0,52 0,53 0,53 0,53 0,53 0,53 0,53 0,53 0,53	663278,78 Nad posselide to evite Nad posselide to evite	6833TE,8 Nat provide to reter	PAL OK
	10	12 1 0 21 1 3,27 801212,11 1 0,32 23,3 21,01 12 1 1,89 1 1,19 1 1,19 1 1,19 1 1,19 1 1,19	9 13,2121 0.52 0.3 0.72 1 1 1 2 1,30322 0 0.1 0.1 0.51 0.1 0.1 0.51 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.	663274.74 Not possible in retire Not possible in retire Not possible in retire	683378,8 Nal yanadde la enter Nal yanadde la enter	CK CK
	10	12 1 0 20 1 1 2,37 801212,11 1 0,32 23,01 12 13 1,10	9 13,2121 0,52 0,52 0,52 0,53 0,53 0,53 0,53 0,53 0,53 0,53 0,53	663274.74 Not possible in retire Not possible in retire Not possible in retire	683378,8 Nal yanadde la enter Nal yanadde la enter	CK CK
	10	12 1 0 21 1 3,27 801212,11 1 0,32 23,3 21,01 12 1 1,89 1 1,19 1 1,19 1 1,19 1 1,19 1 1,19	9 13,2121 0.52 0.3 0.72 1 1 1 2 1,30322 0 0.1 0.1 0.51 0.1 0.1 0.51 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.	663274,78 Not posselide to estimate the estimate the estimate to estimate the estim	6832TE,8 Not provide to reter Not provide to reter Not provide to reter	PAL CK
	10	12 1 0 27 1 1 2,21 901212,11 1 0,32 2,3 21,01 12 13 15 17 17 18 19 19 19 19 19 19 19 19 19 19	7 8 13,2121 8,22 0,3 8,78 8,72 1 1 2 1,32223 1 2 1,32223 8,21 6,21 6,21 6,21 6,21 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	663274.74 Not possible in retire Not possible in retire Not possible in retire	683378,8 Nal yanadde la enter Nal yanadde la enter	CK CK
	10	12 1 0 20 1 1 2,37 831212,13 1 0,32 2,3 21,01 12 1 1,182 1 1,182 1 1,182 1 1,182 1 1,182 1,	9 13,2121 0,52 0,52 0,52 0,52 0,53 0,53 0,53 0,53 0,53 0,53 0,53 0,53	663274,78 Not posselide to estimate the estimate to estimate to estimate the est	6832TE,8 Not provide to reter Not provide to reter Not provide to reter	PAL CK
	10	12 1 0 21 1 3.23 801212,11 60.32 23.3 21.01 12 13 14 15 17 18 19 10 10 10 11 12 13 14 15 16 17 17 18 18 18 18 18 18 18 18 18 18	9 13,2121 0.52 0.3 0.72 0.72 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	663274,78 Not posselide to estimate the estimate to estimate to estimate the est	6832TE,8 Not provide to reter Not provide to reter Not provide to reter	PAL CK
	10	12 1 0 27 1 1 2,27 821212.11 1 0,32 2,3 21,01 12 12 12 13 1,89 1 1,89 1 1,89 1 1,89 1 1,89 1,19	7 8 13.2121 8.52 8.52 8.52 8.52 8.52 8.52 8.52 8.52	663274,78 Not posselide to estimate the estimate to estimate to estimate the est	6832TE,8 Not provide to reter Not provide to reter Not provide to reter	PAL CK
	18	12 1 0 20 1 1 2,37 831212,11 1 0,32 2,3 21,01 12 13 1,102 1 1,102 1 1,102 1 1,102 1 1,102 1 1,102	9 13,2121 0,52 0,2 0,2 0,2 0,2 0,2 0,2 0,2 0,2 0,2 0,	643275,76 Not percelide to entire Not percelide to entire Not percelide to entire Not percelide to entire 1333388,77	Nat provide to reter  Nat provide to reter  Nat provide to reter  Nat provide to reter  1232388,8	FAL OK OK OK FAL
	18	12 1 0 27 1 1 2,31 901012,11 1 0,32 2,3 21,01 12 13 13 14 1 1 2,1 1,89 1 1 2,1 1,89 1 1 2,1 1,10 2,1 1,10 2,1 1,10 2,1 1,10 1	7  8  13,2121  8,52  6,3  8,76  8,72  1  1  21,23232  6,21  8,32  1  1  1  1  1  1  1  1  1  1  1  1  1	643275,76 Not percelide to entire Not percelide to entire Not percelide to entire Not percelide to entire 1333388,77	Nat provide to reter  Nat provide to reter  Nat provide to reter  Nat provide to reter  1232388,8	FAL OK OK OK FAL
	18	12 1 0 20 1 1 2,37 831212,11 1 0,32 2,3 21,01 12 13 1,102 1 1,102 1 1,102 1 1,102 1 1,102 1 1,102	9 13,2121 0,52 0,52 0,52 0,53 0,53 0,53 0,53 0,53 0,53 0,53 0,53	643275,76 Not percelide to entire Not percelide to entire Not percelide to entire Not percelide to entire 1333388,77	Nat provide to reter  Nat provide to reter  Nat provide to reter  Nat provide to reter  1232388,8	FAL OK OK OK FAL
	18 18 18 20 21	12 1 1 0 23 1 1 3.31 601212.11 1 0.32 2.31 21.01 1 1 1 1 1 1 1 1 2 1 2	9 13,2121 0,52 0,2 0,2 0,2 0,2 0,2 0,2 0,2 0,2 0,2 0,	645275,76 Not percelide to retire Not percelide to retire Not percelide to retire 1232388,77 Not percelide to retire	Nationalde to enter Nationalde to enter Nationalde to enter Nationalde to enter 123338,6	PAL CK
	18 18 18 20 21	12 1 0 21 1 1 2,31 1 0,32 2,3 21,01 12 13 1,102 1 1,102 1 1,102 1 1,102 1 1,102 1 1,102 1 1,102	9 13,2121 0,52 0,52 0,53 0,53 0,53 0,53 0,53 0,53 0,53 0,53	645275,76 Not percelide to retire Not percelide to retire Not percelide to retire 1232388,77 Not percelide to retire	Nationalde to enter Nationalde to enter Nationalde to enter Nationalde to enter 123338,6	PAL CK
	18 18 18 20 21 22	12 1 1 0 0 273 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	9 8 12 21 21 21 21 21 21 21 21 21 21 21 21	645275,76 Not percelide to entire Not percelide to entire Not percelide to entire 1333388,77 Not percelide to entire	Nat provide to order Nat provide to order Nat provide to order Nat provide to order 13333888	PAL OK OK OK OK
	18 18 18 20 21	12 1 0 27 1 1 27 1 1 0 27 1 1 0 32 21 21 1 1 1 0 32 21 12 12 12 12 12 12 12 12 12 12 12 12	7 8 13.2121 8.52 8.52 8.52 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	645275,76 Not percelide to retire Not percelide to retire Not percelide to retire 1232388,77 Not percelide to retire	Nationalde to enter Nationalde to enter Nationalde to enter Nationalde to enter 123338,6	PAL CK
	18 18 18 20 21 22	12 1 3 3 1 3,31 831212,11 1 0,33 21,01 12 11 1,03 11 11 1,03 11 11 1,03 11 11 11 11 11 11 11 11 11 11 11 11 11	9 8 12 21 21 21 21 21 21 21 21 21 21 21 21	645275,76 Not percelide to entire Not percelide to entire Not percelide to entire 1333388,77 Not percelide to entire	Nat provide to order Nat provide to order Nat provide to order Nat provide to order 13333888	PAL OK OK OK OK
	18 18 18 20 21 22	12 1 0 27 1 1 27 1 1 0 27 1 1 0 32 21 21 1 1 1 0 32 21 12 12 12 12 12 12 12 12 12 12 12 12	9 13,2121 0,52 0,72 0,72 0,72 0,72 0,72 0,72 0,72 0,7	645275,76 Not percelide to entire Not percelide to entire Not percelide to entire 1333388,77 Not percelide to entire	Nat provide to order Nat provide to order Nat provide to order Nat provide to order 13333888	PAL OK OK OK OK
	18 16 17 18 18 20 20 21	12 1 0 20 1 1 0 20 1 1 0 20 1 1 0 20 21 21 21 21 1 1 2 1 1 2 1 2	9 8 13,2121 8,822 8,78 8,78 1 1 2 1,32222 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	845274,78  Nad porocilde la seile  Nad porocilde la seile  1232384,77  Nad porocilde la seile  2	883378,8  Ned preschile in enter  Ned preschile in enter  Ned preschile in enter  1232388,8  Ned preschile in enter  2	PAL OK OK OK OK OK CK CK
	18 18 18 20 21 22	12 1 1 3 21 1 3,31 831212,11 1 0,33 23,3 21,01 12 11 1,03 1 1 2,1 1 2,1 1 2,1 1 2,1 1 1 2,1 1 1 1	9 13,27121 0,522 0,72 0,72 0,72 0,72 0,72 0,72 0,72 0,	645275,76 Not percelide to entire Not percelide to entire Not percelide to entire 1333388,77 Not percelide to entire	Nat provide to order Nat provide to order Nat provide to order Nat provide to order 13333888	PAL OK OK OK OK
	18 16 17 18 18 20 20 21	12 1 1 0 27 1 1 2,31 901213,11 0,32 2,3 21,01 12 11 1,80 11 1,80 11 1,80 11 2,1 1,80 2 1,80 11 1,80 2 1,80 11 11 11 11 11 11 11 11 11 11 11 11 11	9 8 13,2121 8,522 8,521	845274,78  Nad porocilde la seile  Nad porocilde la seile  1232384,77  Nad porocilde la seile  2	883378,8  Ned preschile in enter  Ned preschile in enter  Ned preschile in enter  1232388,8  Ned preschile in enter  2	PAL OK OK OK OK OK CK CK
	18 18 17 18 18 20 21 22 22 22 22 22	12 1 1 0 21 1 1 231 1 1 0,32 23,31 21,01 12 13 14 1,02 1 1 1,02 1 1 1 2,1 1 1,02 1 1 1 2,1 1 1 1 2,1 1 1 1 2,1 1 1 1 2,1 1 1 1	9 13,2121 0,522 0,53 0,53 0,53 0,53 0,53 0,53 0,53 0,53	Ned potentiale in order Ned potentiale in order Ned potentiale in order Ned potentiale in order 1333384,77 Ned potentiale in order 3 Ned potentiale in order Ned potentiale in order	8833TE.8  Not provide to enter  Not provide to enter  Not provide to enter  13333E.6  Not provide to enter  2  Not provide to enter	PAL  OK  OK  OK  OK  OK  OK  CK  OK  OK  OK
	18 16 17 18 18 20 20 21	12 1 1 0 27 1 1 2,31 901213,11 0,32 2,3 21,01 12 11 1,80 11 1,80 11 1,80 11 2,1 1,80 2 1,80 11 1,80 2 1,80 11 11 11 11 11 11 11 11 11 11 11 11 11	9 8 13,2121 8,522 8,521	845274,78  Nad porocilde la seile  Nad porocilde la seile  1232384,77  Nad porocilde la seile  2	883378,8  Ned preschile in enter  Ned preschile in enter  Ned preschile in enter  1232388,8  Ned preschile in enter  2	PAL OK OK OK OK OK CK CK



#### After tests

Teni sasa		Unit Test margor	ntining and a start		
	Material and cost	malerial quantity	Experied Result	Askal Result	Elahas
	0,80	3,1	1		
1	1,00	1	8.82	8,82	OK
	1,42	3,3	11,112	1,12	-
	1,80	1			
	1	1			
2	2		21	31	OK
	3	3			-
	1	1	1		
	3.00	-			
3	1.2	2			OK.
2	0.3	3	Not provide to retire	Nat percelife to enter	OK.
	4,3	1			
	3	2			
	0.3	2			
4	1	1	Not possible to entire	Nat provide to enter	OK
	0.3	4	1		l
	1,32	2			
	0.74	1	1		
	2,32	3	14,34	14,14	OK
	4	1	1		l
	1,0301	3			
	0.32		Not possible to enter	Nat penaltie to enter	OK
	3	-			
	2,1212	2.588			-
	0,38	4.53	1		l
T	1.734	1,0004	21,38	21,38	OK
	1,784	6.8	1		l
					-
	1,12	1	1	l	l
		_	Not possible to enter	Nat persible to enter	OK
	3.21	1	1		l
	1	1			
	0	1	1		l
	0,32	2	Not possible to enter	Net percebbe to enter	OK
	1,1321	- 1	1		l
	0,68	_			
	0,32	6	-		
10	2	0,3	Not possible to enter	4,077889	In work
	1,2	1	-		
	0.3321	1,111111111			
	12	0,3			
11	0,2	10	0,0	0,5	OK
	3	1,3			
	200,11	1	1		l
12	96.1	2	873,44	873,66	OK
	212,11	0,08	1		l
	40,21	13			
	- 1		-		l
13	4,12	21,1111	Not possible to enter	Nat pessible to enter	OK
	2	_			l
	2	1			
	2	1	-		l
14	12	7	Not possible to enter	National de la enter-	OK
	1	II.	-		l
	0	12,2121			
	21	0,03	-		
		0,3	663378.78		
10	1		STREET, SQUARE,	663275,8	Inwest
10	3,21	0,76		663275,8	le work
11	3,31 801313,11	0,72		883275,8	In work
11	3,31 931313,11 W	6,72 1		463278,8	In work
10	3,31 801313,11 W	1 1	Not provide in order	683278,8 Nat passable to enter	In work
	3,31 931312,11 W 1 0,33	0.73 1 1 2	Not provide to retire	Nel penaldie to enter	
	3,31 921212,11 W 1 0,32 2,3	0.73 1 1 2	Not possible to switer	883278,8 Not perable to enter	
	3,31 931313,11 W 1 0,33 2,3 31,01	6,73 1 1 2 1 21,30323	Not provide to retire	683278.8 Not persolde to enter	
	3,31 801313,11 8 1 0,32 2,3 21,01	0.72 1 1 2 1 21,30223	Not provide to retire	Nel perable to reter	
18	3,31 401313,11 1 0,32 2,3 21,01 12	6,73 1 1 2 1 31,33333 6	Not possible to order	Nat passible to redee	OK.
18	3,31 401313,11 1 0,32 2,3 21,01 12 12	6,73 1 1 2 1 31,33333 6 6,31 6,1	Not possible to order	Nat passible to redee	OK.
18	3,21 931312,11 1 0,33 2,3 21,01 12 13 1,62	0.72 1 1 2 3 31,30333 0 0.31 0.1 0.83	Not possible to order	Nat passible to redee	OK.
18	3,21 901312.11 w 1 0,32 2,3 21,01 12 12 11 1,83	6,72 1 1 2 1 21,32223 6 0,21 6,11 6,83 2	Mod provedide to review Word provedide to review	Nat passible to redee	OK.
18	3,21 821212,11 w 1 0,32 2,3 21,01 12 12 1 1,62	0,72 1 1 2 1 21,32222 0 0,1 0,1 0,8 3 2	Mod provedide to review Word provedide to review	Not paradile to reter	OK OK
18	3,21 831212,11 1 0,32 23,01 12 12 1 1,82 1	0.73 1 1 2 1 21,33333 0 0.1 0.1 0.83 2 1	Mod provedide to review Ned provedide to review	Not paradile to reter	OK OK
18	3,21 801313,11 9 1 0,32 2,3 12 12 13 1,82 1 1 1,82 1	0.72 1 1 2 2 1 31.33333 8 0.31 0.11 0.83 2 1 1	Mod provedide to review Ned provedide to review	Not paradile to reter	OK OK
18	3.31 801313,11 w 1 0.32 2.3 21.01 12 13 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.72 1 1 2 1 21,2222 0 0.1 0.1 0.83 2 1 42,500 1 1 42,500 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Mod provedide to review Ned provedide to review	Not paradile to reter	OK OK
16	3,21 831212,11 1 0,32 23,01 12 12 11 1,82 1 1 1,82 1 1 2,1	8,73 1 1 1 2 1 21,39393 8 8,31 6,1 8,83 2 1 1 4,43 4,43 4,43 1 1	Ned powerlide to evitee Ned powerlide to evitee Ned powerlide to evitee	Not preside to reter  Not preside to reter	OK OK
16	2,21 801212,11 9 1 0,32 2,3 21,01 12 13 13 1,82 1 1 1,82 1 1 2,1 1 2,1 1 2,1 1 2,1 1 2,1 1 2,1 1 2,1 1 2,1 1 1 1	8,73 1 1 1 2 1 31,33333 8,21 0,1 0,1 0,83 2 1 1 1 1 1 1	Ned powerlide to evitee Ned powerlide to evitee Ned powerlide to evitee	Not preside to reter  Not preside to reter	OK OK
16	2,21 82(2)2,11 1 0,32 2,3 21,01 12 11 1,82 1 1,82 1 1 1,82 1 1 1,82 1 1 1,82 1 1 1,82 1 1 1,82 1 1 1,82 1 1 1,82 1 1 1,82 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.72 1 1 2 1 21,30222 0.21 0.1 0.83 2 1 1 1 1 1 1 1 1	Ned powerlide to evitee Ned powerlide to evitee Ned powerlide to evitee	Not preside to reter  Not preside to reter	OK OK
16	3,21 801212,11 1 0,32 23,01 12 12 1,89 1 1,89 1 1 2,1 1 2,1 2,1 2,1 2,1 2,1 2,1 3,1 3,1 4 4 1,2 2,1 1,2 2,1 3,1 4,1 4,1 4,1 4,1 4,1 4,1 4,1 4,1 4,1 4	8,73 1 1 2 1 2 1 31,39393 8 8,31 6,1 8,83 2 1 1 4,33 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Ned powerlide to evitee Ned powerlide to evitee Ned powerlide to evitee	Not preside to reter  Not preside to reter	OK OK
18	3,21 831212,11 9 1 0,32 23,3 12,01 12 12 13 1,82 1 1 1,82 1 1 2,1 1,2 2 3 0,31 1,2 2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2	0.73 1 1 1 2 1 2 1 21.30303 0.01 0.83 2 1 1 0.83 1 1 1 1 1 0.11 0.13 0.88	Ned posselide to entire Ned posselide to entire Ned posselide to entire Ned posselide to entire	Not guesable to enter Not guesable to enter Not guesable to enter	OK OK
18	2,21 801212,11 9 1 0,32 2,3 12 12 13 15 1,82 1 1 1,82 1 1 2,1 1 1,82 1 1 2,1 1 2,1 1 2,1 1 2,1 1 2,1 1 2,1 1 2,1 1 2,1 1 2,1 2,	0.73 1 1 1 2 1 1 21,30323 0.21 0.1 0.1 1 1 1 1 1 0.1 0.12 0.13 0.13 0.13 0.13 0.13 0.13 0.13 0.13	Ned posselide to entire Ned posselide to entire Ned posselide to entire Ned posselide to entire	Not guesable to enter Not guesable to enter Not guesable to enter	OK OK
16	2,21 801212,11 1 0,32 23,01 12 12 1,10 1 1 1,10 1 1 2,1 2 0,21 1111111,1 2 0,21 1111111,1 2 12 0,21 1111111,1 2 1,2 0,2 0,2 0,2 0,2 0,2 0,2 0,2 0,2 0,2 0	8,73 1 1 1 2 1 1 2 1 1 21,39393 8 8,31 6,1 6,83 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Not possesible to review  Not possesible to review  Not possesible to review  1333388,77	Not preside to reter  Not preside to reter  Not preside to reter  Not preside to reter	CK CK CK
18	2,21 831212,11 9 1 0,32 21,01 12 12 13 1,82 1 1,82 1 1,82 1 2,1 1,93 2 0,31 113113 203332,2 0,31 1 1 2	0.73 1 1 1 2 1 2 1 21.30302 0.21 0.11 0.83 2 1 1 1 1 1 1 1 0.13 0.88 0.88 0.88 0.88 0.88	Not possesible to review  Not possesible to review  Not possesible to review  1333388,77	Not guesable to enter Not guesable to enter Not guesable to enter	OK OK
18	2,21 801212,11 1 0,32 23,01 12 12 1,10 1 1 1,10 1 1 2,1 2 0,21 1111111,1 2 0,21 1111111,1 2 12 0,21 1111111,1 2 1,2 0,2 0,2 0,2 0,2 0,2 0,2 0,2 0,2 0,2 0	8,73 1 1 1 2 1 1 2 1 1 21,39393 8 8,31 6,1 6,83 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Not possesible to review  Not possesible to review  Not possesible to review  1333388,77	Not preside to reter  Not preside to reter  Not preside to reter  Not preside to reter	CK CK CK
16 17 18 19 20	2,21 801212,11 1 0,32 23,3 23,01 12 13 1,82 1 1,82 1 1 2,1 2,1 2,1 2,1 2,1 2,1 3,1 3,1 3,1 3,1 3,1 3,1 3,1 3,1 3,1 3	2,73 1 1 1 2 1 1 2 1 1 2,139393 8 8,21 6,1 8,83 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Not possible to entire Not possible to entire Not possible to entire 133338,77 Not possible to entire	Not perable to enter  Not perable to enter  Not perable to enter  Not perable to enter  1333388	CK CK CK
16	2,21 831212,11 1 0,32 21,01 12 12 13 14 1,82 1 1,82 1 1,82 1 1,82 1 1 2,1 1 1 1	0.73 1 1 1 2 1 2 1 21.30302 0.21 0.11 0.83 2 1 1 1 1 1 1 0.12 0.83 0.83 0.83 0.83 0.83 0.83 0.83 0.83	Not possesible to review  Not possesible to review  Not possesible to review  1333388,77	Not preside to reter  Not preside to reter  Not preside to reter  Not preside to reter	OK OK OK
16 17 18 19 20	2,21 801212,11 1 0,32 23,3 23,01 12 13 1,82 1 1,82 1 1 2,1 2,1 2,1 2,1 2,1 2,1 3,1 3,1 3,1 3,1 3,1 3,1 3,1 3,1 3,1 3	2,73 1 1 1 2 1 1 2 1 1 2,139393 8 8,21 6,1 8,83 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Not possible to entire Not possible to entire Not possible to entire 133338,77 Not possible to entire	Not perable to enter  Not perable to enter  Not perable to enter  Not perable to enter  1333388	CK CK CK
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18 17 18 19 20 21	2,21 831212,11 9 1 0,32 2,3 112 12 13 14 1,82 1 1,82 1 1,82 2 1,82 2 1,82 2 1,82 2 0,31 1111111,3 2 2022223,2 0,21 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.73 1 1 1 2 1 1 2 1 31.33333 0.21 0.1 0.83 2 1 1 0.1 1 1 1 0.1 1 1 1 0.1 1 1 1 1 1 1	Not provide to retire  Not provide to retire  Not provide to retire  1333388,77  Not provide to retire	Not provide to reder  Not provide to reder  Not provide to reder  1232284.6  Not provide to reder	CK CK CK CK CK CK CK CK
16 17 18 19 20	2,21 801212,11 1 0,32 23,3 23,01 12 13 1,82 1 1,82 1 1,82 2 0,31 1,13 2,13 2,13 2,13 2,13 2,13 2,13 2	2.73 1 1 1 2 1 1 2 1 2 1 2 1 21.39393 8 8.21 6.1 8.83 2 1 1 8.73 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Not provide to retire  Not provide to retire  Not provide to retire  1333388,77  Not provide to retire	Not perable to enter  Not perable to enter  Not perable to enter  Not perable to enter  1333388	CK CK CK
18 17 18 19 20 21	2,21 801212,11 1 0,32 23,01 12 12 13 14 1,62 1 1,62 1 1,62 1 1,62 1 1,62 1 1,62 1 1 1,62 1 1 1,62 1 1 1,62 1 1 1 1 1 2,1 1 1 2,1 1 1 2,1 1 1 2,1 1 1 1	0.73 1 1 1 2 1 2 1 2 3 3 0.1 0.1 0.1 0.1 1 1 1 0.1 1 1 0.1 0.1 0	Not provide to retire  Not provide to retire  Not provide to retire  1333388,77  Not provide to retire	Not provide to reder  Not provide to reder  Not provide to reder  1232284.6  Not provide to reder	CK CK CK CK CK CK CK CK
18 17 18 19 20 21	3,21 831213,11 9 1 0,32 23,01 12 12 13 14 1,82 1 1,82 1 1,82 0,31 113111,3 2203323,3 0,31 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.73 1 1 1 2 1 1 2 1 31.33333 8 0.21 0.1 0.83 2 1 1 0.1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Not provide to retire  Not provide to retire  Not provide to retire  1333388,77  Not provide to retire	Not provide to reder  Not provide to reder  Not provide to reder  1232284.6  Not provide to reder	OK OK OK OK OK OK OK
18 17 18 19 20 21	2,21 801212,11 1 0,32 23,3 23,01 13 15 1,89 1 1,89 1 1,89 1 1,89 2 1,89 2 1,99 2,11 1,12 2 0,31 1,13 2,13 2,13 2,13 2,13 2,13 2,13 2	2.73 1 1 1 2 1 1 2 1 1 2 1 2 1 21.39393 8 8.21 6.1 8.83 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Not possible to enter Not possible to enter Not possible to enter 133338,77 Not possible to enter 2	Not preside to reter  Not preside to reter  Not preside to reter  123238,8  Not preside to reter  2	OK OK OK OK OK OK OK
16 17 18 18 20 21 22 23	3,21 801213,11 1 0,32 3,3 123,01 12 12 13 14 1,82 1 1,82 1 1,82 2 0,31 111111,11 212 2222233,2 0,31 11111,17 212 222333,2 0,31 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.73 1 1 1 2 1 1 2 1 1 2 1 2 1 2 2 3 0.21 0.1 0.83 2 1 1 0.1 0.1 1 1 1 0.1 1 1 1 1 1 1 1 1 1	Not provide to retire  Not provide to retire  Not provide to retire  1333388,77  Not provide to retire	Not provide to reder  Not provide to reder  Not provide to reder  1232284.6  Not provide to reder	OK OK OK OK OK OK
16 17 18 19 20 21 22 23	2,21 831212,11 9 1 0,32 21,01 12 12 13 14 1,82 1 1,82 1 1,82 1 1,82 2 0,31 113113 22 0,31 113113 2303333,2 0,31 11 11 1 1 1 1 2 0,31 1 1 1 1 2 0,31 1 1 1 1 2 0,31 1 1 1 1 2 0,31 1 1 1 1 2 0,31 1 1 1 1 2 0,31 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.73 1 1 1 2 1 1 2 1 2 1 21.30303 8 0.21 0.1 0.83 2 1 1 0.1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Not possible to enter Not possible to enter Not possible to enter 133338,77 Not possible to enter 2	Not preside to reter  Not preside to reter  Not preside to reter  123238,8  Not preside to reter  2	OK OK OK OK OK OK
16 17 18 19 20 21 22 23 24	3,21 801212,11 1 0,32 23,3 121,01 12 12 13 14 1,80 1 1,80 1 1 2,1,0 2 0,31 1111111,1 212 2 0,31 1111111,1 212 2 0,31 111111,1 212 2 0,31 111111,1 2 11 2 0,31 11 11 11 11 11 11 11 11 11 11 11 11 1	8,73 1 1 1 2 1 1 2 1 2 1 21,30303 8 0,21 0,1 1 1 1 1 0,13 0,13 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Not provide to entire Not provide to entire Not provide to entire 1233388,77 Not provide to entire 3 Not provide to entire	Not perable to enter  Not perable to enter  Not perable to enter  12323888  Not perable to enter  2  Not perable to enter	OK OK OK OK OK OK OK OK
16 17 18 18 20 21 22 23	2,21 83121,11 0,32 2,3 21,01 12 13 1,82 1,82 1,82 1,82 2,1 1,83 2,1 1,83 2,1 2,1 2,1 2,1 2,1 2,1 2,1 2,1 2,1 2,1	8,73 1 1 1 2 1 1 2 1 1 2 1 31,39393 8 8,31 6,11 8,83 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Not provide to entire Not provide to entire Not provide to entire 1233388,77 Not provide to entire 3 Not provide to entire	Not preside to reter  Not preside to reter  Not preside to reter  123238,8  Not preside to reter  2	OK OK OK OK OK OK

#### Testing Results for Entre Hilos & Algodón Management Software

