

## Size Estimating Template

Student	DIEGO ANDRES MONTEALEGRE GARCIA	Date	22 – 02 – 2015
Program	PSP 1.1	Program #	5
Instructor	LUIS DANIEL BENAVIDES NAVARRO	Language	JAVA
Size Measure			

Base Parts	Estimated			
	Base	Deleted	Modified	Added
	0	0	0	0
<b>Total</b>	B 0	D 0	M 0	BA 0

Base Parts	Actual			
	Base	Deleted	Modified	Added
	0 0	0	0	0
<b>Total</b>	0	0	0	0

Parts Additions	Estimated				Actual	
	Type	Items	Rel. Size	Size*	Size*	Items
GestorNegocio	Logic	5	S	50	62	8
Simpson*	Calc	8	L	140	99*	10
App	View	4	M	60	47	4
PrettyPrinting	View	2	M	25	13	2
<b>Total</b>			PA	275	221	

Reused Parts	Estimated Size	Actual Size
<b>Total</b>	R 0	0

(continued)

### Size Estimating Template (continued)

Student	<u>DIEGO ANDRES MONTEALEGRE GARCIA</u>	Program	<u>PSP 2.0</u>
<b>PROBE Calculation Worksheet (Added and Modified)</b>		Size	Time
Added size (A):	$A = BA + PA$	<u>275</u>	
Estimated Proxy Size (E):	$E = BA + PA + M$	<u>275</u>	
PROBE estimating basis used: (A, B, C, or D)		<u>C</u>	<u>C</u>
Correlation: ( $R^2$ )		<u>NA</u>	<u>NA</u>
Regression Parameters:	$\beta_0$ Size and Time	<u>0</u>	<u>0</u>
Regression Parameters:	$\beta_1$ Size and Time	<u>0,5326797</u>	<u>1,92</u>
Projected Added and Modified Size (P):	$P = \beta_0_{size} + \beta_1_{size} * E$	<u>146,4869281</u>	
Estimated Total Size (T):	$T = P + B - D - M + R$	<u>146,4869281</u>	
Estimated Total New Reusable (NR):	sum of * items	<u>10</u>	
Estimated Total Development Time:	$Time = \beta_0_{time} + \beta_1_{time} * E$		<u>528</u>
Prediction Range:	Range	<u>102,5408</u>	<u>369,6</u>
Upper Prediction Interval:	$UPI = P + Range$	<u>249,0278</u>	<u>897,6</u>
Lower Prediction Interval:	$LPI = P - Range$	<u>43,94608</u>	<u>158,4</u>
Prediction Interval Percent:		<u>70%</u>	<u>70%</u>