

Size Estimating Template

Student	DIEGO ANDRES MONTEALEGRE GARCIA	Date	13 – 02 – 2015
Program	PSP 1.1	Program #	4
Instructor	LUIS DANIEL BENAVIDES NAVARRO	Language	JAVA
Size Measure			

Base Parts	Estimated			
	Base	Deleted	Modified	Added
	0	0	0	0
Total	B 0	D 0	M 0	BA 0

Base Parts	Actual			
	Base	Deleted	Modified	Added
	0 0	0	0	0
Total	0	0	0	0

Parts Additions	Estimated				Actual	
	Type	Items	Rel. Size	Size*	Size*	Items
GestorNegocio	Logic	4	S	40	55	5
CalculoTamanoRelativo	Calc	2	VS	20	30	1
App	View	5	L	160	60	4
VistaConsola	View	2	M	40	36	2
RangoTamanoRelativo	Model	5	S	20	31	5
Total				PA 280	212	

Reused Parts	Estimated Size	Actual Size
DESVIACION STANDAR	29	29
Total	R 29	29

(continued)

Size Estimating Template (continued)

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PROBE Calculation Worksheet (Added and Modified)		Size	Time
Added size (A):	$A = BA + PA$	<u>280</u>	
Estimated Proxy Size (E):	$E = BA + PA + M$	<u>280</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:	β_0 Size and Time	<u>0</u>	<u>0</u>
Regression Parameters:	β_1 Size and Time	<u>0.62</u>	<u>1.41</u>
Projected Added and Modified Size (P):	$P = \beta_{0_{size}} + \beta_{1_{size}} * E$	<u>173.6</u>	
Estimated Total Size (T):	$T = P + B - D - M + R$	<u>173.6</u>	
Estimated Total New Reusable (NR):	sum of * items	<u>1</u>	
Estimated Total Development Time:	$Time = \beta_{0_{time}} + \beta_{1_{time}} * E$		<u>394.8</u>
Prediction Range:	Range	<u>-</u>	<u>211,333</u>
Upper Prediction Interval:	$UPI = P + Range$	<u>-</u>	<u>606,133</u>
6Lower Prediction Interval:	$LPI = P - Range$	<u>-</u>	<u>183.47</u>
Prediction Interval Percent:			