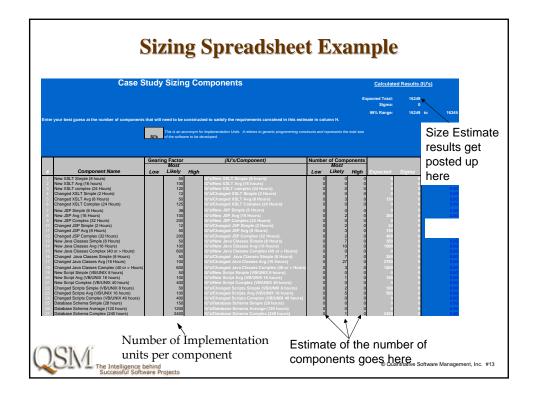
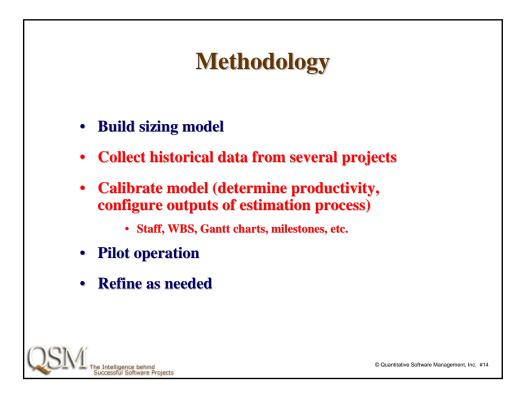
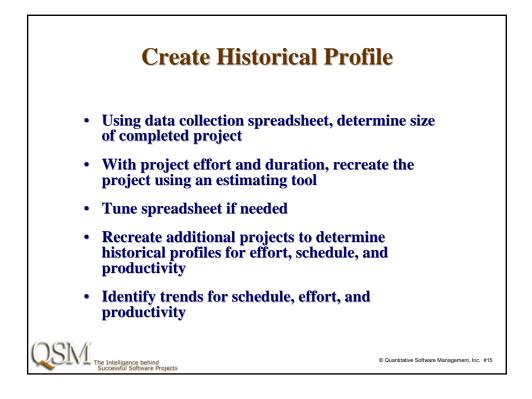


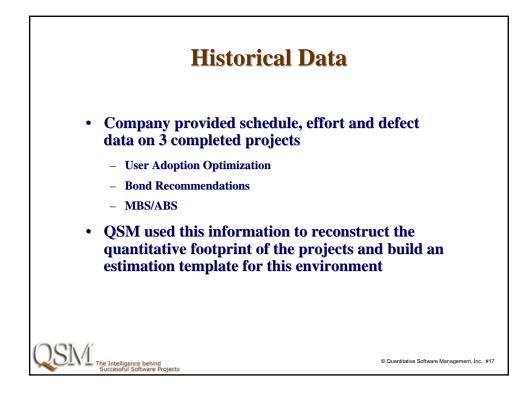
Sizing (Fillde	elines: Repeatable Process					
	miest nepeatable i rocess					
Case Study Sizing Components	Guidelines for bounding deliverable and work effort					
New XSLT Simple (8 hours)	One transform/no paging/output only					
New XSLT Avg (16 hours)	1-2 transforms/paging/no computed links					
New XSLT complex (24 Hours)	Greater than 3 transforms/ paging/computed links					
Changed XSLT Simple (2 Hours)	One transform/no paging/output only					
Changed XSLT Avg (8 Hours)	1-2 transforms/paging/no computed links					
Changed XSLT Complex (24 Hours)	Greater than 3 transforms/ paging/computed links					
New JSP Simple (6 Hours)	Simple redirect/ display error message/ simple results set/ 1 call					
New JSP Avg (16 Hours)	Simple form (15 controls)/ data validations/pop ups/ user inputs					
New JSP Complex (32 Hours)	Prefiled forms/ User preferences/ data validation/ pop up/ user input/ database calls					
Changed JSP Simple (2 Hours)	changing a format					
Changed JSP Avg (8 Hours)	adding more forms/ more controls/ more calls					
Changed JSP Complex (32 Hours)	Rewrite of JSP/ adding more complex capabilities					
New Java Classes Simple (8 Hours)	basic logic/ less than 1 page of non trivial code					
New Java Classes Avg (16 Hours)	less than 2 pages of non trivial code					
New Java Classes Complex (40 or > Hours)	5 or more pages of non trivial code					
Changed Java Classes Simple (8 Hours)	basic logic/ less than 1 page of non trivial code					
Changed Java Classes Avg (16 Hours)	less than 2 pages of non trivial code					
Changed Java Classes Complex (40 or > Hours)	5 or more pages of non trivial code					
New Script Simple (VB/UNIX 8 hours)	basic logic/ less than 1 page of non trivial code					
New Script Avg (VB/UNIX 16 hours)	less than 2 pages of non trivial code					
New Script Complex (VB/UNIX 40 hours)	5 or more pages of non trivial code					
Changed Scripts Simple (VB/UNIX 8 hours)	basic logic/ less than 1 page of non trivial code					
Changed Scripts Avg (VB/UNIX 16 hours)	less than 2 pages of non trivial code					
Changed Scripts Complex (VB/UNIX 40 hours)	5 or more pages of non trivial code					
Database Schema Simple (28 hours)	less than 5 tables/ apprximately 20 fields					
Database Schema Average (120 hours)	5-15 tables/75 fields					
Database Schema Complex (240 hours)	Greater than 30 tables/ 150 fields					
Database Proceedures Simple (8 hours)	basic logic/ less than 1 page of non trivial code					
Database Proceedures Average (16 hours)	less than 2 pages of non trivial code					
Database Proceedures Complex (40 hours)	5 or more pages of non trivial code					
SQL Query Simple (1 hour)	1-2 table touched					
SQL Query Avg (2 hour)	3-4 tables touched					
SQL Query Complex (4 hour)	greater than 5 tables touched					
Data Migration Simple (40 hours)	1-20 elements/ attibute matching high/key same/ scrubbing low					
Data Migration Avg (60 hours)	20-50 elements/ attribute matching moderate/ key mixed/ scrubbing moderate					
Data Migration Complex (120 hours)	50 plus elements/ attibute matching low/ key different/ scrubbing high					
Data Sync Simple (1 hours)	shareplex					
Data Sync Avg/Complex (80 hours)	multiple 3rd party databases					
Configuration Parameter File (4 hours)	set up configuration © Quantitative Software Management, Inc. #12					
Successful Software Projects						

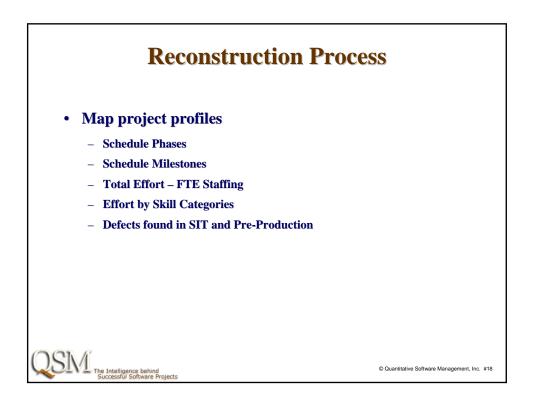




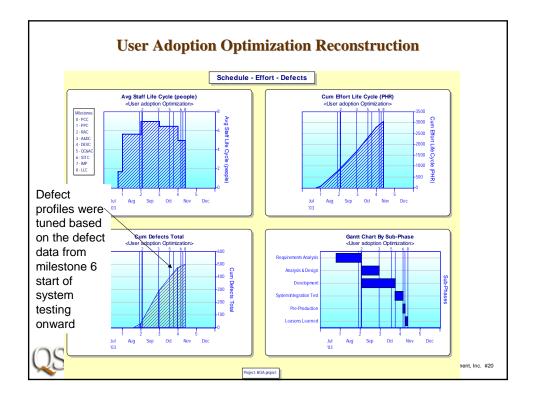


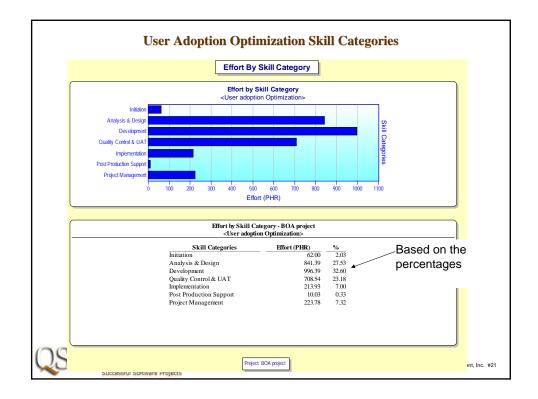


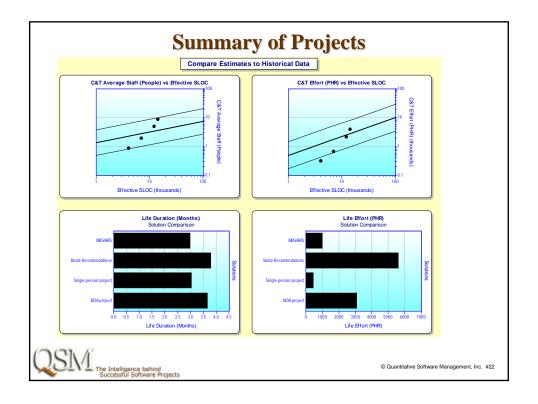


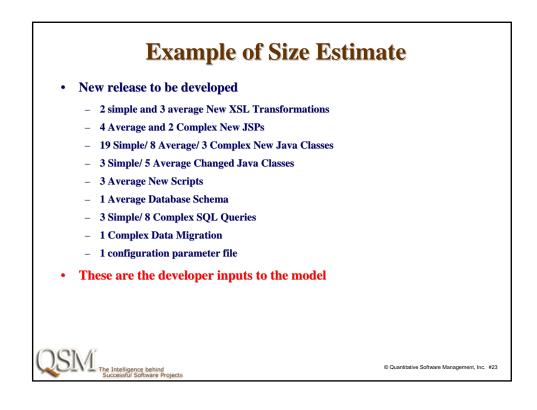












Case Study Sizing Components						Calculated Results (IU's)			
Enter your best guess at the number of componer			ccronvm k	structed to satisfy the requirements contained in In hydemonistic Units. If referes to generic programming con everlaped.			Expected Total: Sigma: 99% Range: 22	8340 0 8340 to 8	
	Gearin	g Factor		(IU's/Component)	Numbe	r of Componen	ts		
# Component Name	Low	Most Likely	High		Low	Most Likely Hial	Expected	Sigma	
<ul> <li>New XSLT Simple (B hours)</li> <li>New XSLT Arg (B hours)</li> <li>New XSLT Arg (B hours)</li> <li>New XSLT Arg (B hours)</li> <li>Changed XSLT Complex (24 Hours)</li> <li>Changed XSLT Complex (24 Hours)</li> <li>Changed XSLT Complex (24 Hours)</li> <li>New JSP Paylie (B hours)</li> <li>New JSP Paylie (B hours)</li> <li>Changed XSL Complex (24 Hours)</li> <li>New JSP Complex (24 Hours)</li> <li>Changed XSL Complex (24 Hours)</li> <li>Changed JSP Arg (B Hours)</li> <li>Changed JSP Arg (B Hours)</li> <li>New JSP Complex (24 Hours)</li> <li>New JSP Complex (24 Hours)</li> <li>New JSC Complex (24 Hours)</li> <li>New Jan Classes Arg (16 Hours)</li> <li>New Jan Classes Arg (16 Hours)</li> <li>Changed JSP Arg (24 Hours)</li> <li>New Jan Classes Arg (16 Hours)</li> <li>Changed JSP (26 Hours)</li> <li>Changed JSP (26 Hours)</li> <li>Changed JSP (26 Hours)</li> <li>Changed JSP (16 Hours)</li> <li>Changed Sorge (16 Hours)</li> <li>Database Thoreadrus Simple (24 hours)</li> <li>Database Thoreadrus Simple (16 hours)</li> <li>Data Migration Arg (26 hours)</li> <li>Data Migrat</li></ul>	5)	500 1000 1252 1212 1253 1255 1255 1255 1255 1255		Maruhew XSLT Simple (Bhours) Warbew XSLT Simple (A Dours) Darket And Carls (Bhours) Darket And Carls (Bhours) Darket And Carls (Bhours) Darket And Carls (Bhours) Maruhanged XSLT Complex (24 Hours) Warben Japp Simple (Bhours) Maruhanged XSLT Complex (24 Hours) Maruhanged XSLT Complex (24 Hours) Maruhanged XSLT Complex (24 Hours) Maruhanged XSLT Complex (24 Hours) Maruhanged JSP Arg (Bhours) Maruhanged Script Arg (WUMX Bhours) Darkets Sorigt Arg (WUMX Bhours) Maruhanged Script Arg (WUMX Bhours) Maruhanged Script Arg (WUMX Bhours) Maruhanged Script Arg (WUMX Bhours) Maruhanged Script Arg (Bhours) Maruhanged Arg (B	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	23000 00442 0000 19833 5000 0000 1000 0000 0000 0000 0000 00			

