Name of existing system	Name of new system		
SmartDriver	YD		

Subsystem-Units	Actual Size of SmartDriver	Estimated Size of YD	Multiplication Factor
Database, tables	10	17	1.70
User interface, web pages	25	27	1.08
Graphs and reports, reports	10	12	1.20
Foundation classes, classes	20	35	1.75
Business rules	50	50	1.00

Subsystem	Size of SmartDriver (LOC)	Multiplication Factor	Estimated size of YD (LOC)
Database	5,000	1.70	8500
User interface	14,000	1.08	15120
Graphs and reports	9,000	1.20	10800
Foundation classes	4,500	1.75	7875
Business rules	11,000	1.00	11000
Total	43,500		53,295

Term	Value
Estimated size of YD (LOC)	53,295
Size of SmartDriver (LOC)	43,500
Size ratio (round up two decimals)	1.23
Effort for SmartDriver	50 staff months
Estimated effort for YD (round up zero decimals)	62 staff months