| Symbols | Predecessor | Estimated Time | | | te | O2 |
		to	tm	tp		
REQUIREMENT	A	-	1	5	7	5	1
PROTOTYPE	B	-	6	7	9	7	0.25
UML	C	A	3	4	5	4	0.11
ARCHITURE	D	C	1	1	3	1	0.11
CODE	E	B,C	7	8	15	9	1.78
DB	F	D,E	1	2	5	2	0.44
API	G	F	1	1	2	1	0.03
UI	H	G	3	6	8	6	0.69
TESTING	I	E,F,H	2	4	3	4	0.03
DEPLOY	J	I,H	1	1	2	1	0.03

Symbols	Predecessor	duration	ES	LS	EF	LF	Slack
A	-	5	0	0	5	5	0
B	-	7	0	2	7	9	2
C	A	4	5	5	9	9	0
D	C	1	9	18	10	19	9
E	B,C	9	9	9	18	18	0
F	D,E	2	18	18	20	20	0
G	F	1	20	20	21	21	0
H	G	6	21	21	27	27	0
I	E,F,H	4	27	27	31	31	0
J	I,H	1	31	31	32	32	0

Critical path	A, C, E, F, G, H, I, J	32 days
Project Length Variance (O)	sqrt (I6+I8+I10+I11+I12+I13+I14+I15)	2.027313493
Standard normal Variance (D)	(40 - 32) / 2.0272	3.946108989
Probability	$p(z > D)$	0.9996 * 100 = 99.96

3.8	.99993	.99993	.99993	.99994	.99994	.99994	.99994	.99995	.99995	.99995
3.9	.99995	.99995	.99996	.99996	.99996	.99996	.99996	.99996	.99997	.99997