Project Activities: -

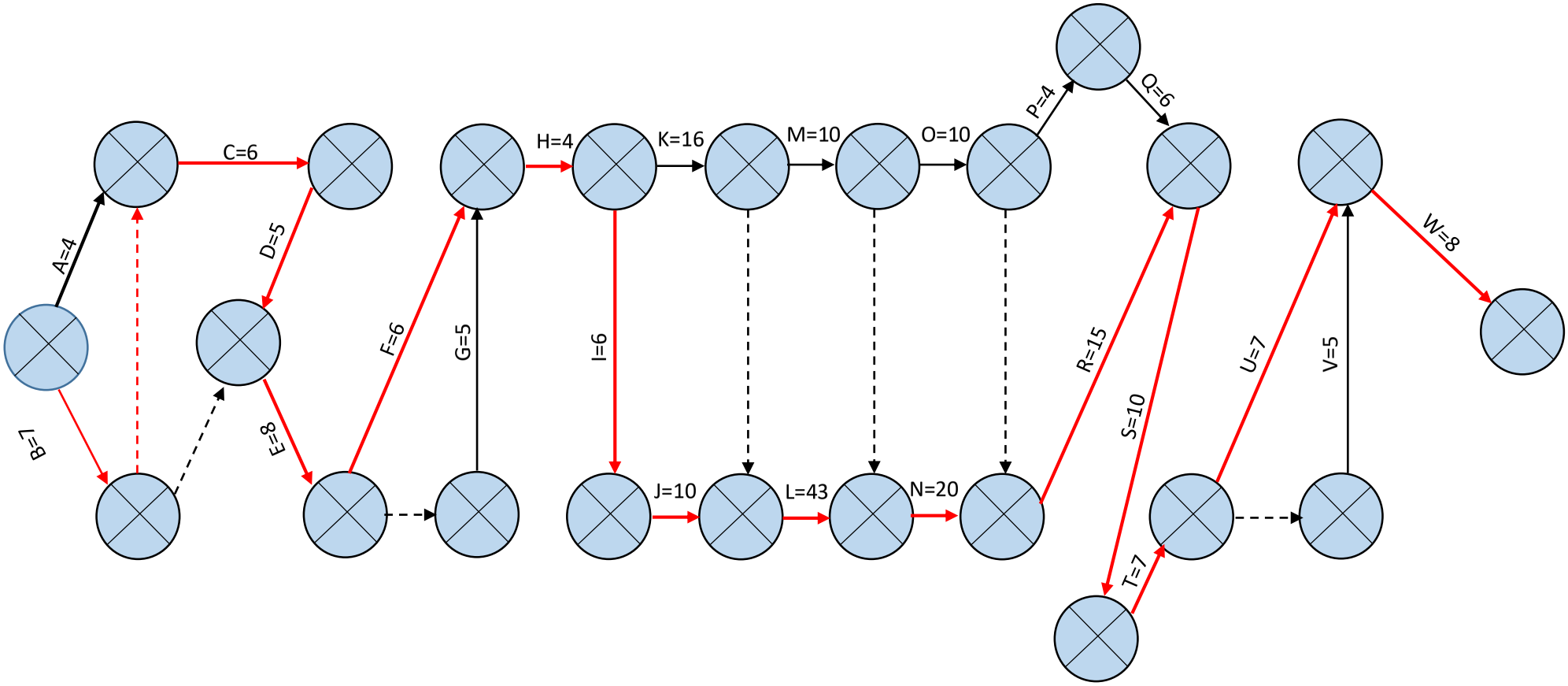
	Activity	Predecessor
A	Evaluate Current Thesis System	-
B	Requirement Gathering	-
C	Def Functionality	A, B
D	Def Risk & Approaches	C
E	Develop Project Plan	B, D
F	Hire/Purchase Resources	E
G	Hire Design Team	E
H	Design Registration Form	F, G
I	Hire Development Team	H
J	Development Registration Form	I, H
K	Design Admin Panel	H
L	Development Admin Panel	K, J
M	Design Student Panel	K
N	Development Student Panel	M, L
O	Design Supervisor Panel	M
P	Get Final Design Approval	O
Q	Release Design Team	P
R	Development Supervisor Panel	N, O
S	Testing	R, Q
T	Installation	S
U	Release Development Team	T
V	Release Resources	T
W	Roll Out	U, V

Critical Path Method (CPM): -

Event	Least Occurrence Time	Earliest Occurrence Time	Slack Time (LOT-EOT)
1	0	0	0
2	7	7	0
3	7	7	0
4	13	13	0
5	18	18	0
6	26	26	0
7	26	27	0
8	32	32	0
9	36	36	0
10	42	42	0
11	52	52	0
12	100	52	48
13	95	95	0
14	110	62	48
15	115	115	0
16	120	72	48
17	124	76	48
18	130	130	0
19	140	140	0
20	147	147	0
21	147	149	2
22	154	154	0
23	162	162	0

Network Diagram

Red Line Shows Critical Path



Program Evaluation and Review Technique (PERT): -

Activity	Optimistic Time	Most Likely Time	Pessimistic Time	Estimated Time	Predecessor
A	3	4	4	3.833	-
B	4	6	7	5.833	-
C	4	5	6	5	A, B
D	2	4	5	3.833	C
E	5	6	8	6.1667	B, D
F	4	6	6	5.6667	E
G	4	5	5	4.833	E
H	2	3	4	3	F, G
I	3	6	6	5.5	H
J	5	6	10	6.5	I, H
K	7	11	16	11.167	H
L	25	34	43	34	K, J
M	4	7	10	7	K
N	12	14	20	14.667	M, L
O	4	7	10	7	M
P	2	3	4	3	O
Q	2	4	6	4	P
R	7	12	15	11.667	N, O
S	5	8	10	7.8333	R, Q
T	3	4	7	4.333	S
U	3	4	7	4.333	T
V	4	5	5	4.833	T
W	4	7	8	6.6667	U, V

Network Diagram

Red Line Shows Critical Path