

Managing the Information Systems Project

Example-1:

- Construct a Grantt Chart for the each activity
- Construct a network diagram for the project.
- Determine the critical path and Critical value

Activity	Dependency	Time (in weeks)
A	-	4
B	E	5
C	A,F,J	3
D	B,H	4
E	C,J	6
F	-	7
G	A,I	2
H	J	3
I	E,F	5
J	-	6
K	B,H,I	7

Example-2:

- Construct a Grantt Chart for the each activity
- Construct a network diagram for the project.
- Determine the critical path and Critical value

Activity	Precedence	Time estimate (in weeks)		
		o	r	p
A. User Requirements Specific	-	2	4	7
B. Feasibility Study	A	4	5	9
C. Prioritized the requirement	B	6	7	9
D. Analysis the system	B	5	7	9
E. Requirements Finalization	B	2	4	5
F. Software Design	C,D	4	6	10
G. Hardware study	E,F	4	5	6
H. Coding/Programming	G	6	9	10
I. Hardware Installation	H	4	6	8
J. System Testing	I	4	6	8
K. Deployment	I, J	5	9	10
L. Maintenance/Support	K	6	4	8

Example-3:

- Construct a Grantt Chart for the each activity
- Construct a network diagram for the project.
- Determine the critical path and Critical value

Activity	Precedence	Time Estimate (in weeks)
A	-	3
B	E	4
C	A,F,J	3
D	B,H	6
E	C,J	8
F	-	2
G	A,I	5
H	J	8
I	E,F	9
J	-	2
K	B,H,I	3

Example-4:

- Construct a Grantt Chart for the each activity
- Construct a network diagram for the project.
- Determine the critical path and Critical value

Activity	Immediate Predecessor	Time(days)
A	---	10
B	---	9
C	---	8
D	C	11
E	B,D	8
F	A,E	12
G	B,D	11
H	B,D	10
I	C	9
J	H,I	15