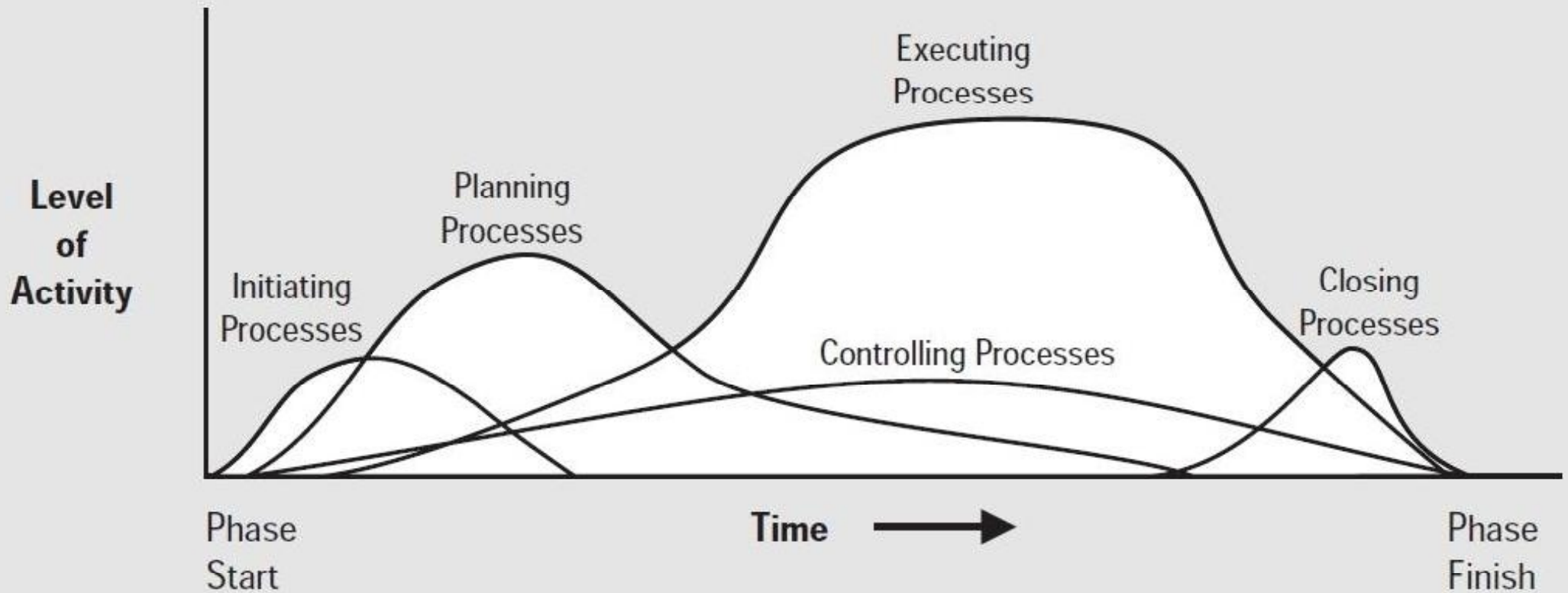


Κατανομή διαδικασιών στην υλοποίηση έργων

Figure 3-2. Overlap of Process Groups in a Phase



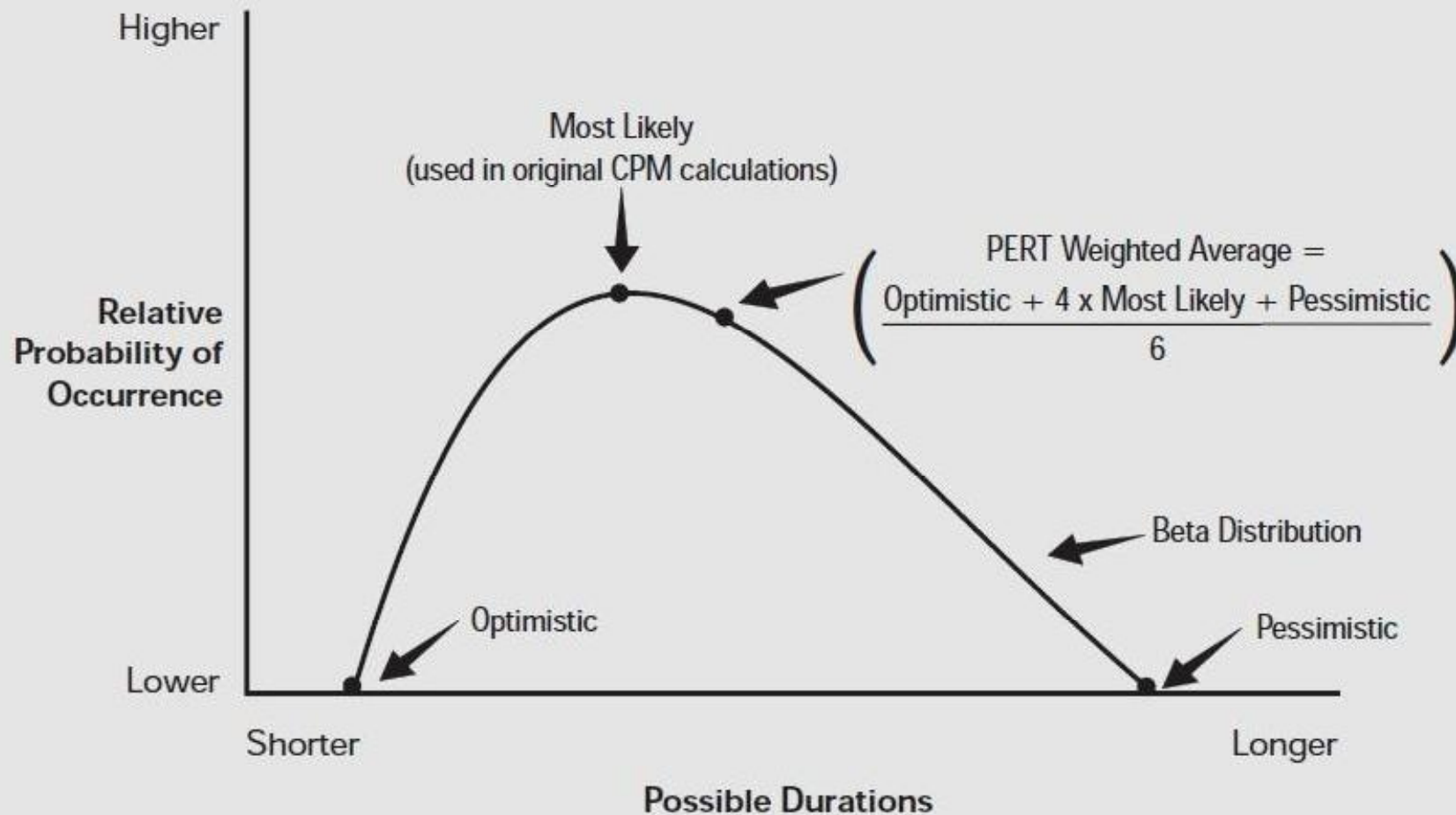
Περιγραφή έργου προς επίλυση

TABLE 12.1 LIST OF ACTIVITIES FOR THE WESTERN HILLS SHOPPING CENTER PROJECT

Activity	Activity Description	Immediate Predecessor	Activity Time
A	Prepare architectural drawings	—	5
B	Identify potential new tenants	—	6
C	Develop prospectus for tenants	A	4
D	Select contractor	A	3
E	Prepare building permits	A	1
F	Obtain approval for building permits	E	4
G	Perform construction	D, F	14
H	Finalize contracts with tenants	B, C	12
I	Tenants move in	G, H	2
Total			51

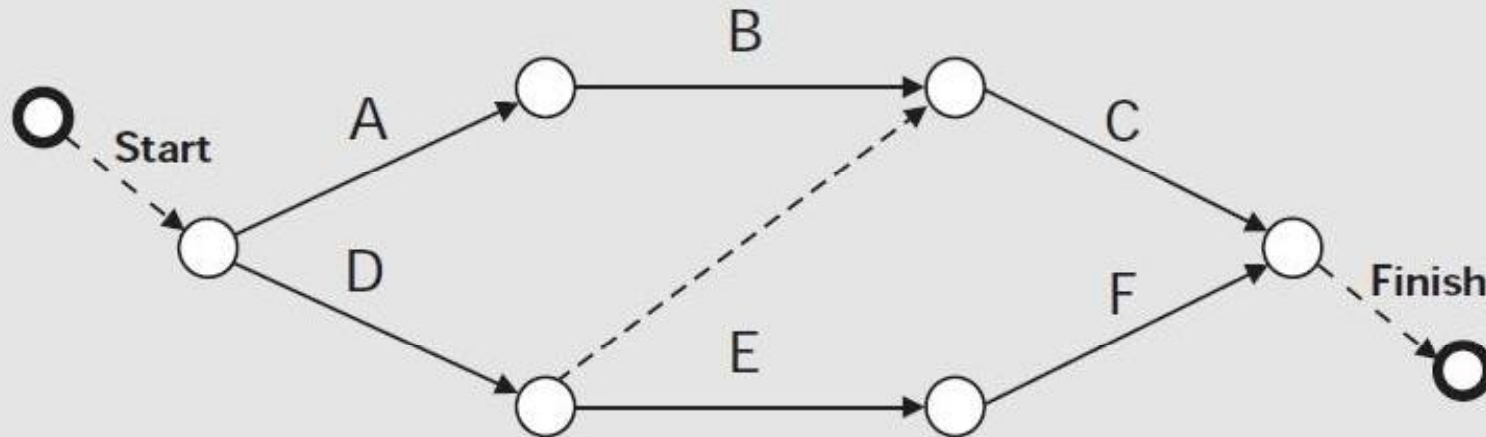
Πιθανοτικοί ("στοχαστικοί") χρόνοι

Figure 6-4. PERT Duration Calculation



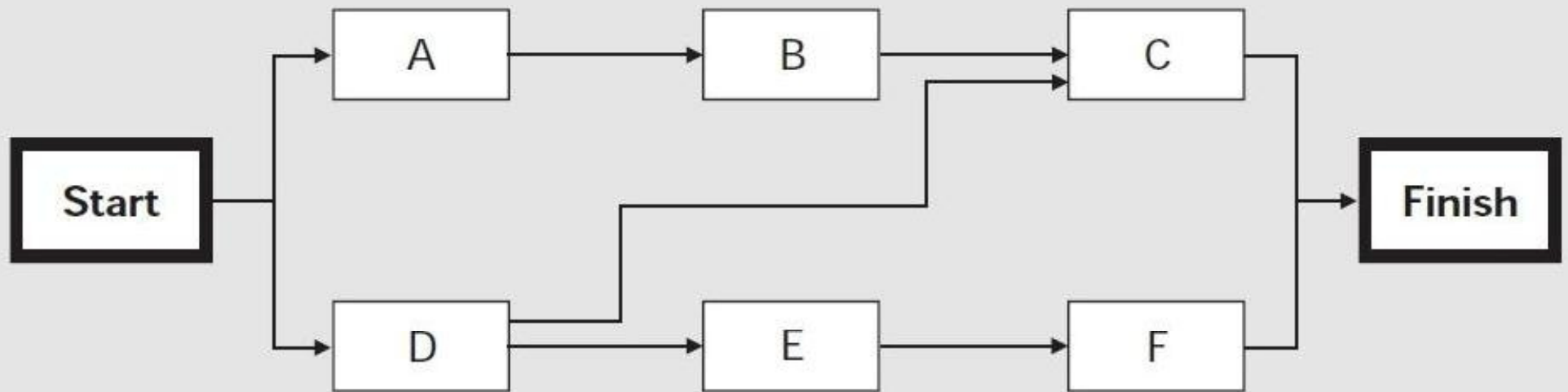
Σχεδίαση δικτύου arc-based

Figure 6-3. Network Logic Diagram Drawn Using the Arrow Diagramming Method



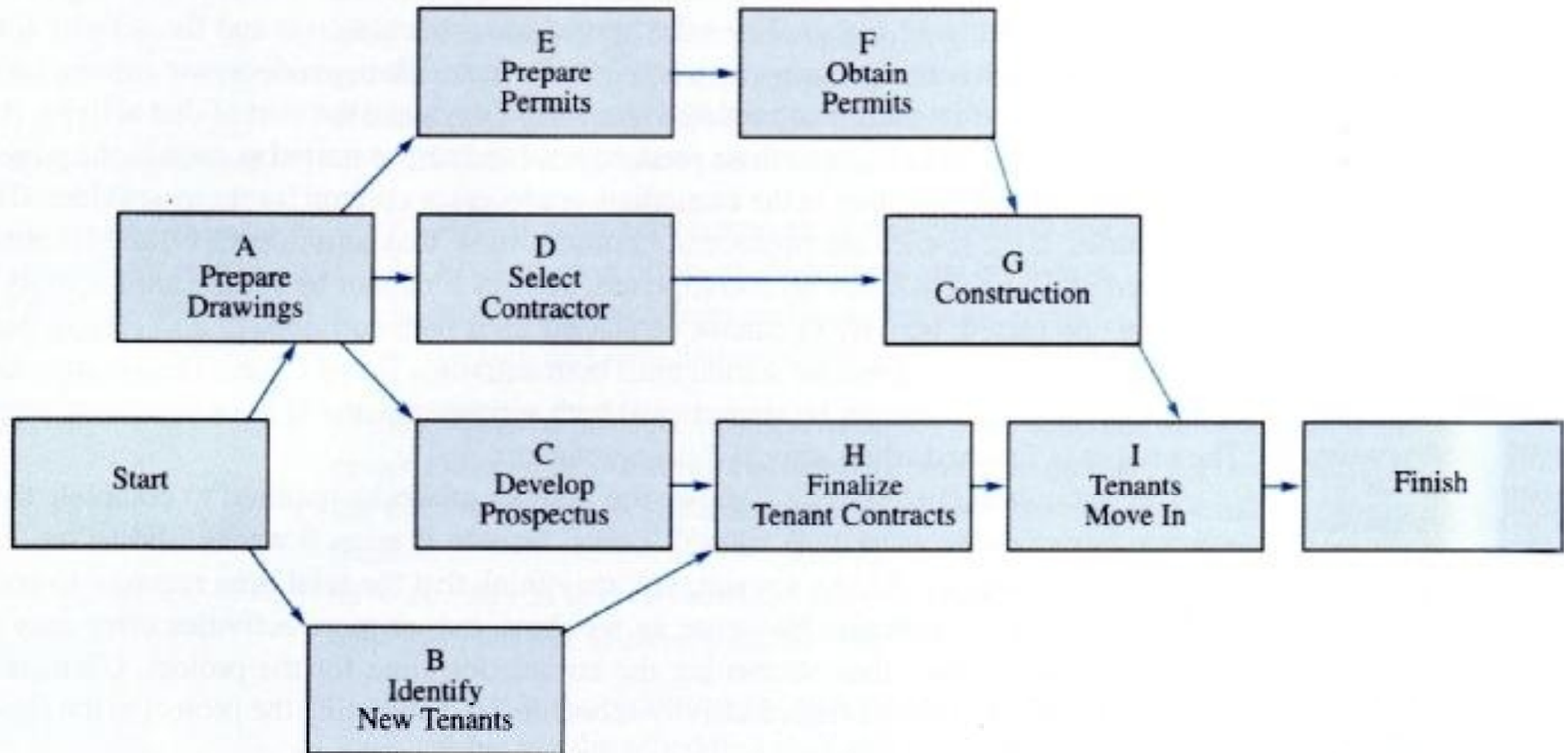
Σχεδίαση δικτύου activity-based

Figure 6-2. Network Logic Diagram Drawn Using the Precedence Diagramming Method



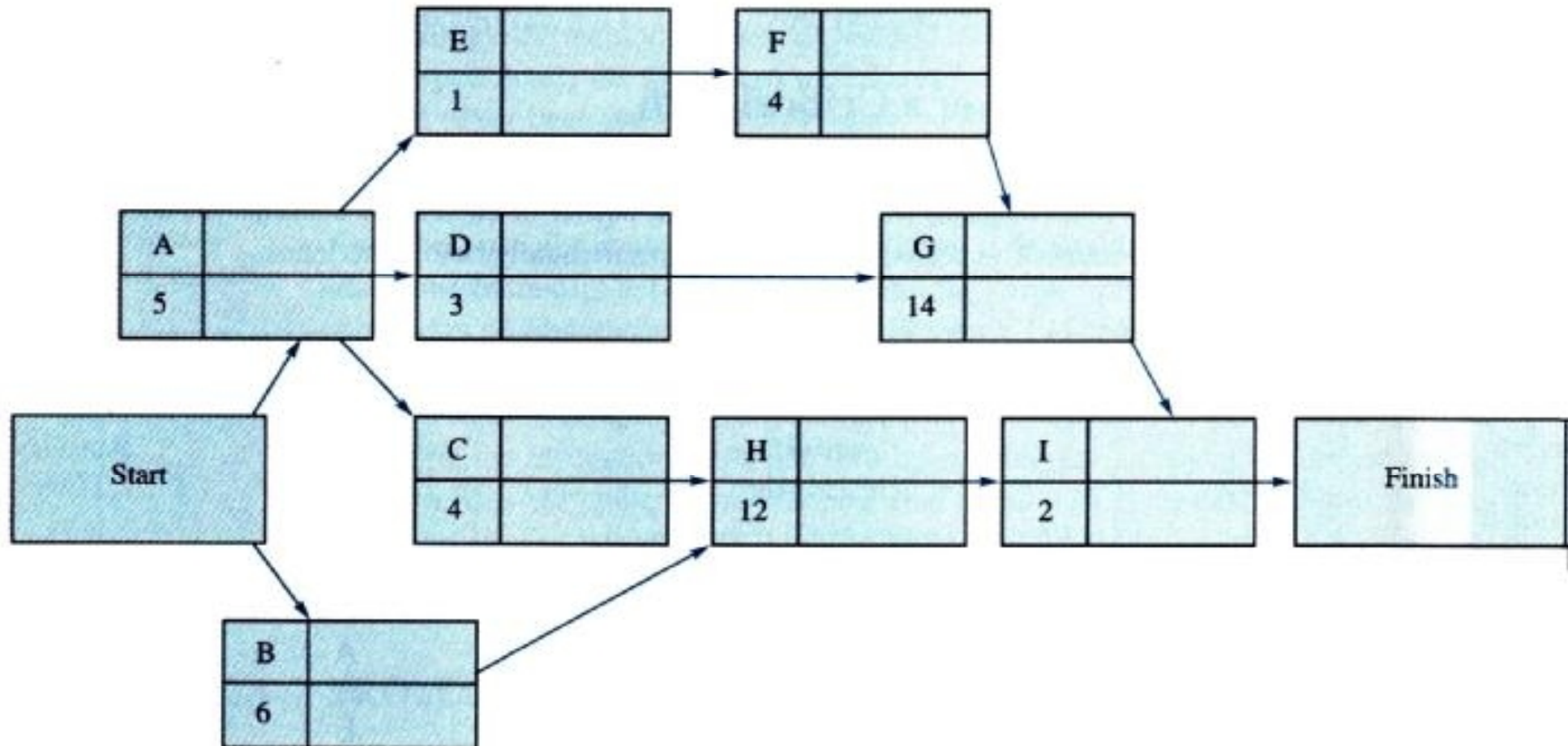
Διάγραμμα δικτύου₁

FIGURE 12.1 PROJECT NETWORK FOR THE WESTERN HILLS SHOPPING CENTER



Διάγραμμα δικτύου₂

FIGURE 12.2 WESTERN HILLS SHOPPING CENTER PROJECT NETWORK WITH ACTIVITY TIMES



Ενωρίτεροι και βραδύτεροι χρόνοι

Earliest start time Earliest finish time

A	0	5
5		

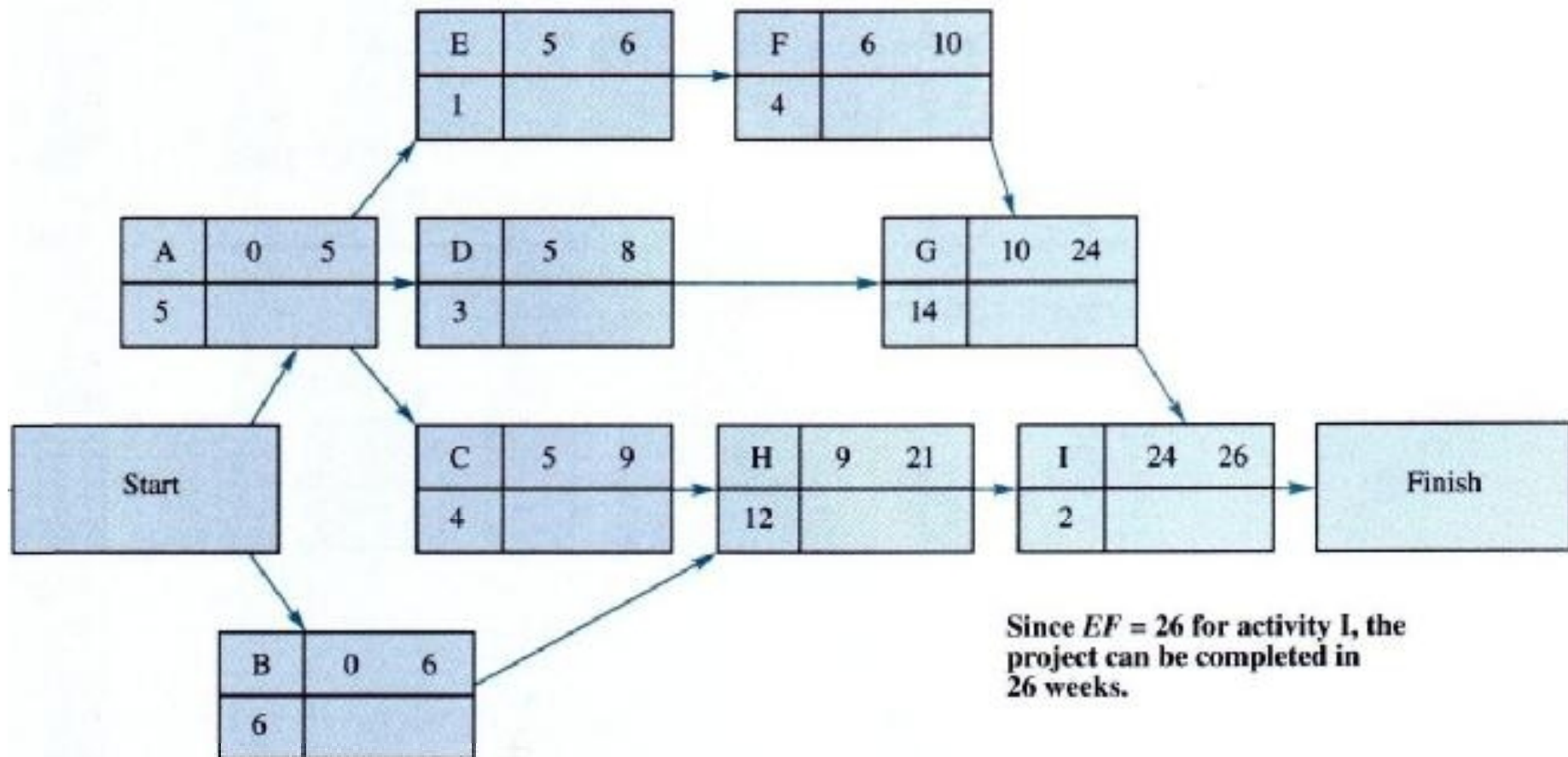
I	24	26
2	24	26

Latest start time

Latest finish time

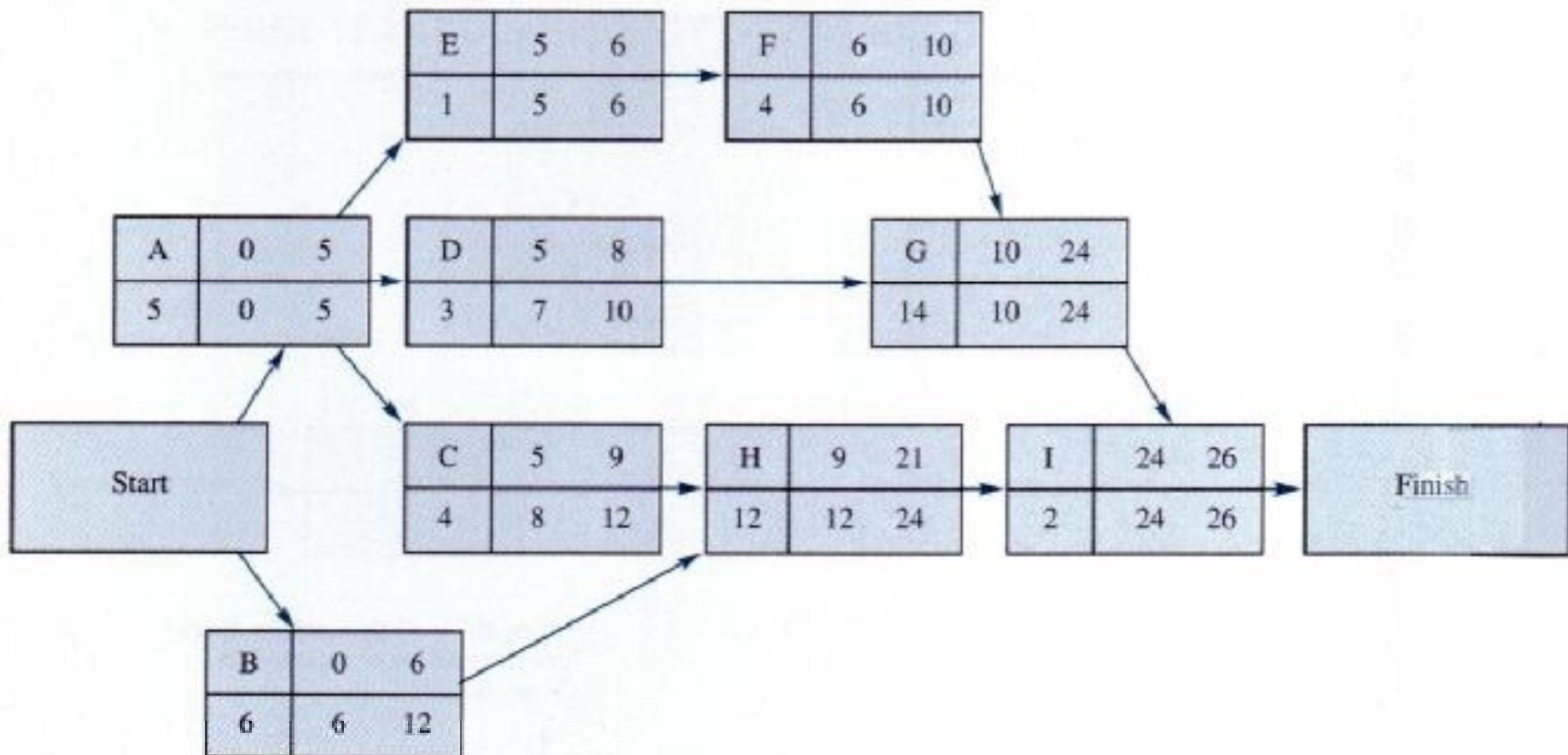
Επίλυση δικτύου₁ (forward pass)

12.5 WESTERN HILLS SHOPPING CENTER PROJECT NETWORK WITH EARLIEST START AND EARLIEST FINISH TIMES SHOWN FOR ALL ACTIVITIES



Επίλυση δικτύου₂ (backward pass)

FIGURE 12.6 WESTERN HILLS SHOPPING CENTER PROJECT NETWORK WITH LATEST START AND LATEST FINISH TIMES SHOWN IN EACH NODE



Επίλυση με λογισμικό

*** ACTIVITY SCHEDULE ***

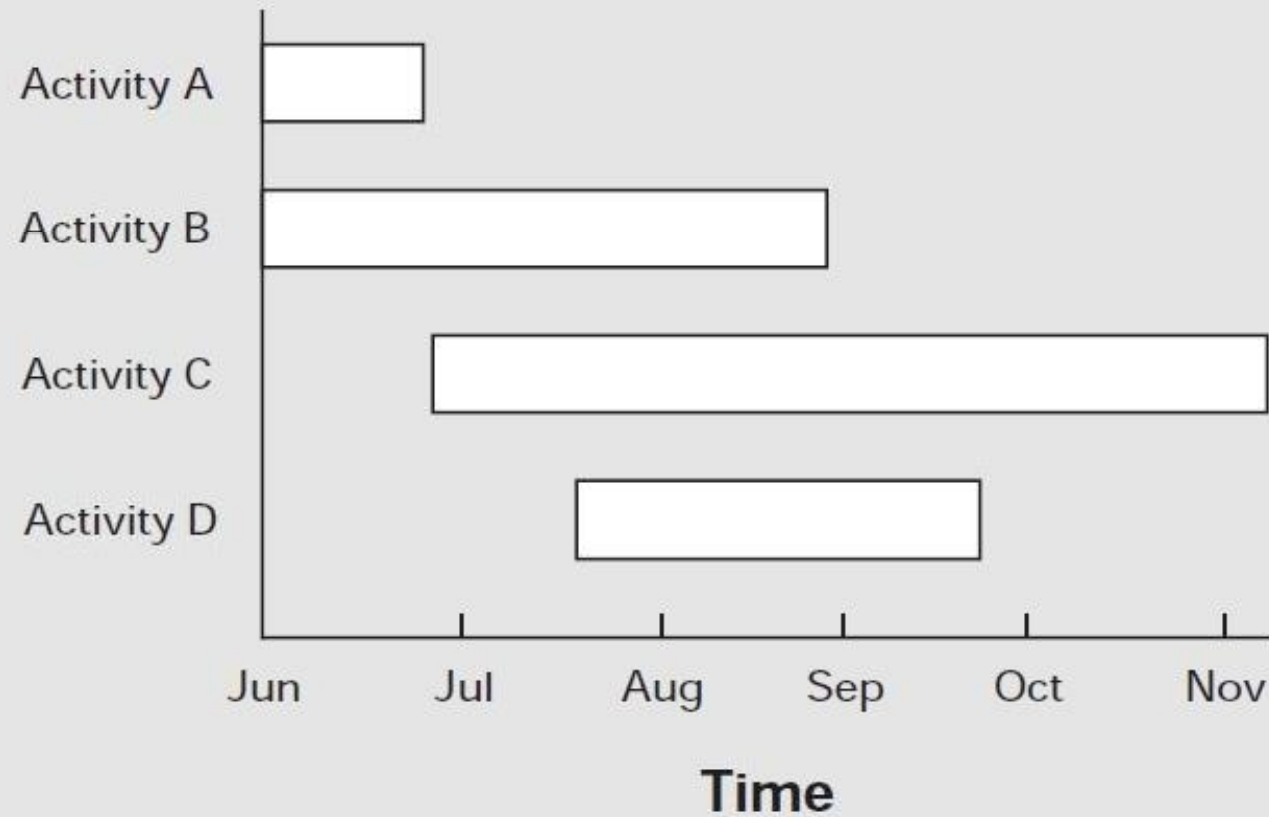
ACTIVITY	EARLIEST START	LATEST START	EARLIEST FINISH	LATEST FINISH	SLACK	CRITICAL ACTIVITY
A	0	0	5	5	0	YES
B	0	6	6	12	6	
C	5	8	9	12	3	
D	5	7	8	10	2	
E	5	5	6	6	0	YES
F	6	6	10	10	0	YES
G	10	10	24	24	0	YES
H	9	12	21	24	3	
I	24	24	26	26	0	YES

CRITICAL PATH: A-E-F-G-I

PROJECT COMPLETION TIME = 26

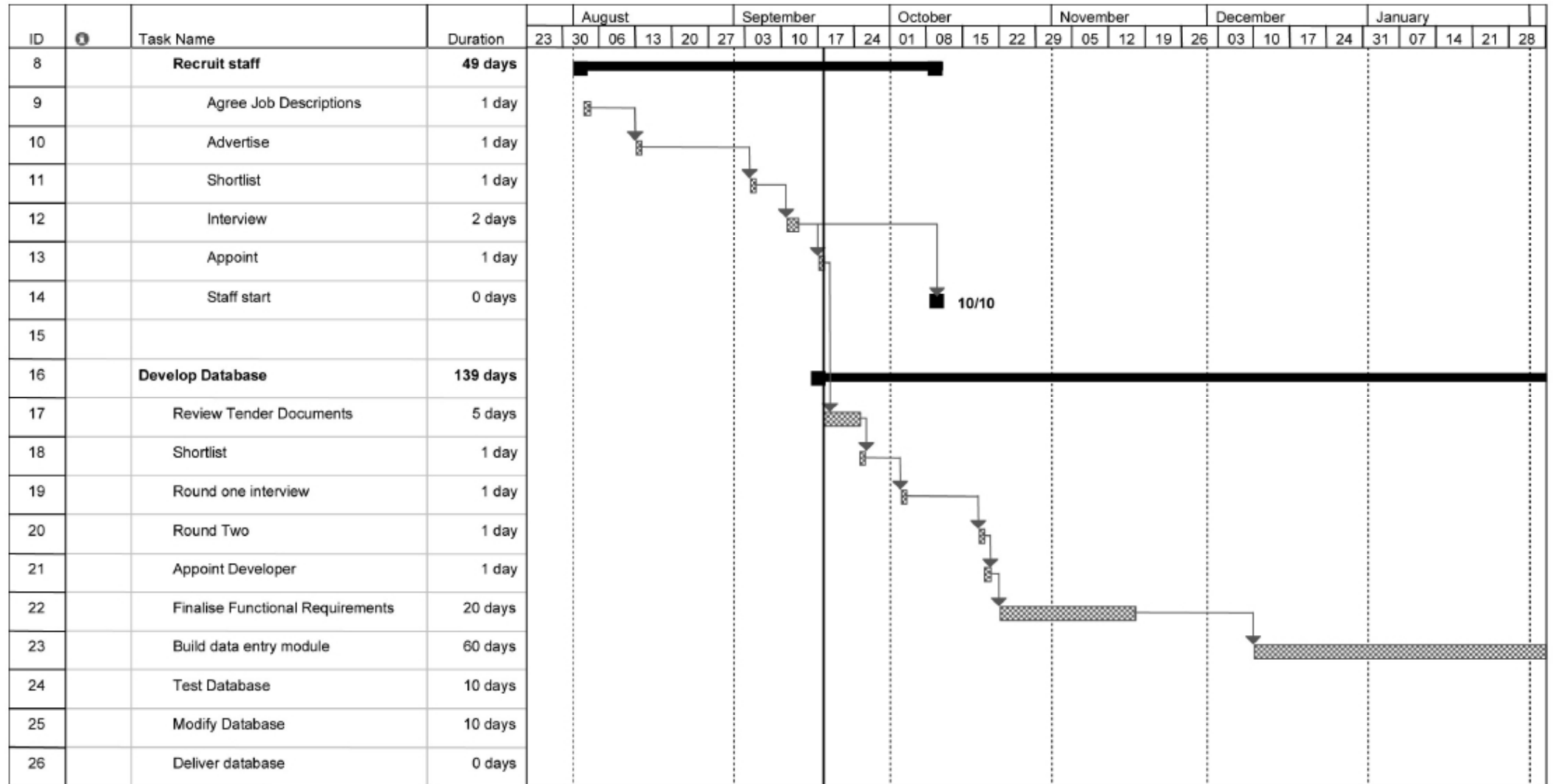
Διάγραμμα Gantt₁

Figure 6–6. Bar (Gantt) Chart



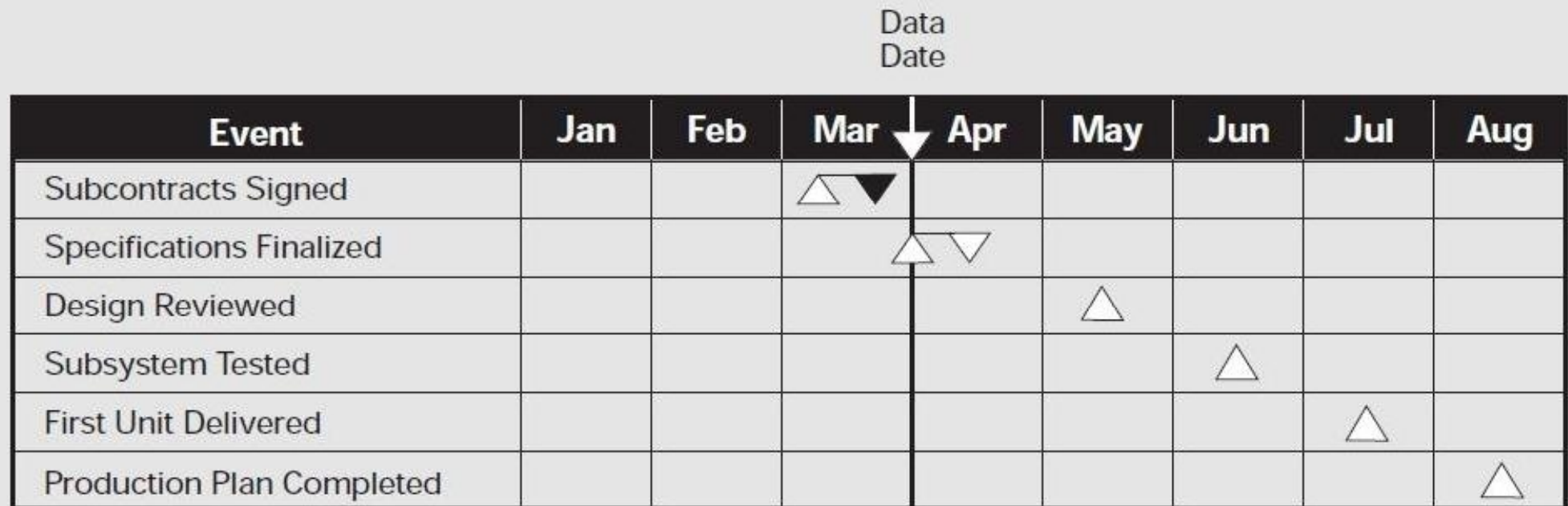
There are many other acceptable ways to display project information on a bar chart.

Διάγραμμα Gantt₁



Διάγραμμα "ορόσημων" (milestones)

Figure 6–7. Milestone Chart



There are many other acceptable ways to display project information on a milestone chart.

Διάγραμμα χρήσης "πόρων" (resources)

Figure 9-3. Illustrative Resource Histogram

