



Basic Scheduling			
Task	Duration (days)	period	
A	5	-	
B	7	-	
C	6	A	
D	4	A	
E	3	B	
F	5	C,D	
G	4	E,F	
H	2	G	

Based on the table, the total duration of the project is 22 days. The critical path, which is the longest path of tasks that determines the overall project duration, is tasks C, F, G, H with a total duration of 17 days.

Tasks B, D, E can be done in parallel with the critical path tasks, which means they won't affect the overall duration of the project. However, Task D and Task C and task E cannot be started until the preceding tasks are completed, which means delaying Task A or Task B will cause a delay in the overall project duration.

It is important to ensure that Tasks A and B are completed on time to avoid delaying the project. Additionally, any delays in the critical path tasks (A,C, F, G) will also result in a delay in the overall project duration. Therefore, these tasks should be closely monitored to ensure they are completed within their estimated durations.