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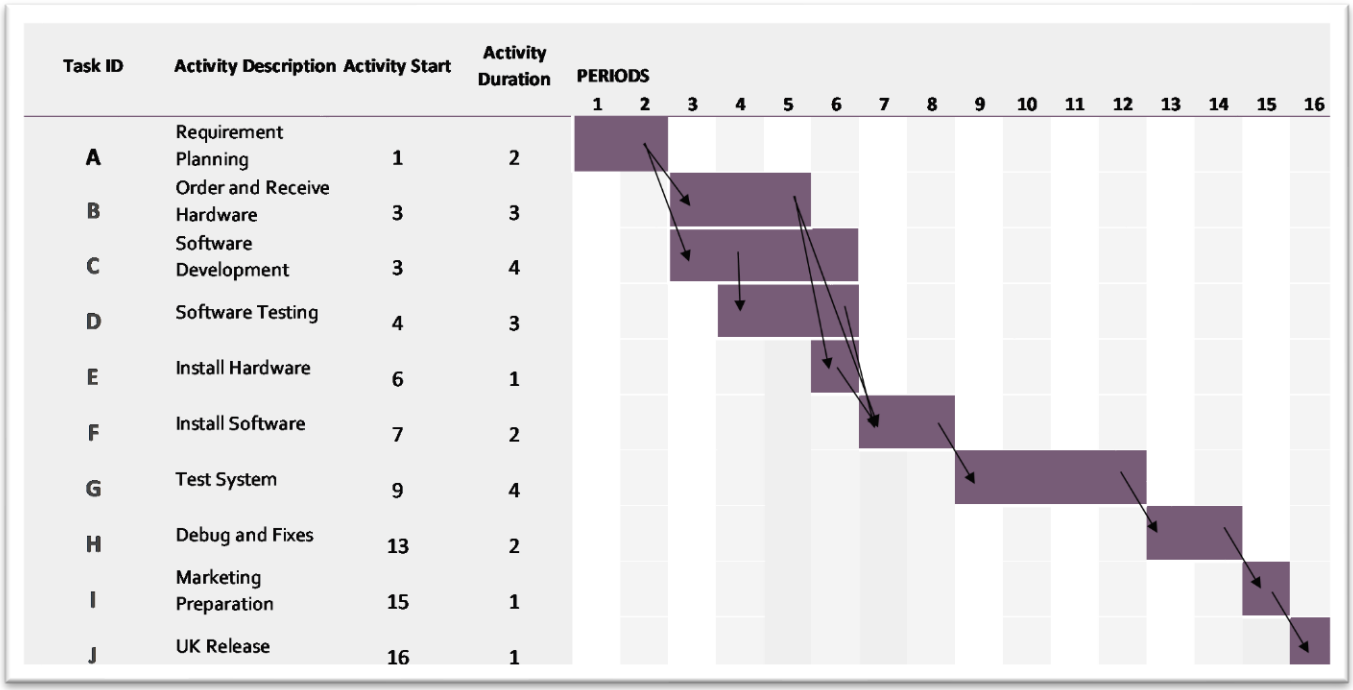
Coursework 1

Task 1

Task ID	Task Description	Duration (weeks)	Predecessors
A	Requirement Planning	2	-
B	Order and Receive Hardware	3	A
C	Software Development	4	A
D	Software Testing	3	1 week of C
E	Install Hardware	1	B
F	Install Software	2	B, D, E
G	Test System	4	F
H	Debug and Fixes	2	G
I	Marketing Preparation	1	H
J	UK Release	1	I

Task 2



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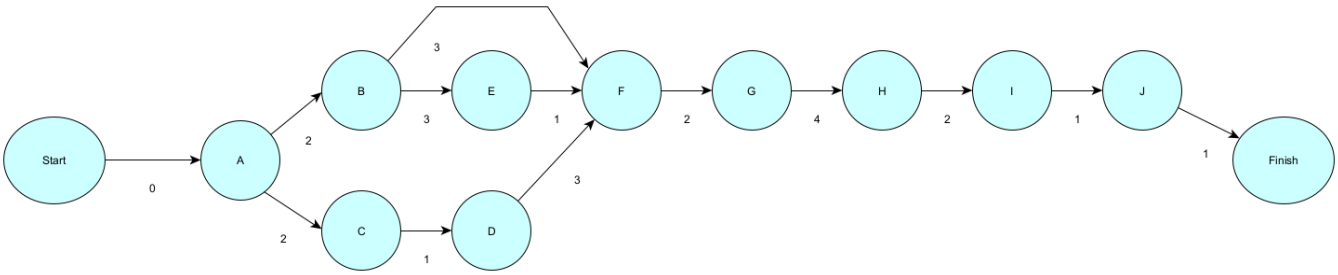
Task 3

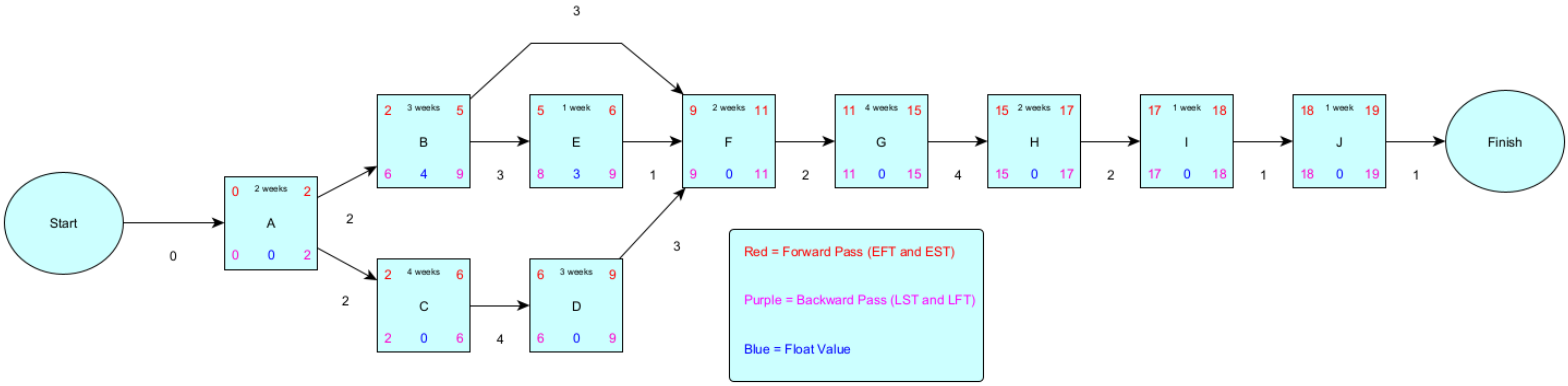


Critical Path: A, B, E, F, G, H, I, J

Total time for completion: 16 weeks

Task 4

i.



Critical Path: A, C, D, F, G, H, I, J

ii.

By changing the task timeline, several consequences occur. Firstly, the project as a whole is delayed by 3 weeks due to the dependency change between activity C and D. Rather than only taking 1 week to move on from the activity, the time taken is now 4 weeks. Furthermore, by inducing time delays so early on in the project, each activity that precedes activity D is delayed. This could incur extra charges as stakeholders in the project may have to invest more money. In conclusion, inducing time delays early in the project causes a large knock-on effect later in the project, increasing money and time commitment.