

Assignment 06

Using the information in a table below:

Activity	Predecessor	Duration (Days)		Cost (\$)	
		Normal	Crash	Normal	Crash
A		3	2	200	320
B	A	3	2	200	315
C	A	2	1	100	210
D	A	4	2	100	350
E	C	2	1	100	190
F	B	6	4	100	300
G	D	4	3	200	290
H	E	7	5	100	260
I	G	2	1	100	210

1. Create the precedence diagram.
2. Create the Gantt chart. Starting date is 21 March 2023. Break on the weekend and Holidays.
3. Find the most optimal way to reduce the project duration within an available fund of 1000\$. Note: in this homework, we assume that the path dependency is all fixed, which means you cannot use the fast-tracking technique.

Deadline: 20.03.23, 11:59PM. Please turn in your solution via Microsoft Teams. Please rename your file as your group number, for example, Group 1.pdf