Name: Nem Zutkovic   **SYSC 4106: Assignment 1**   **February 4, 2020**
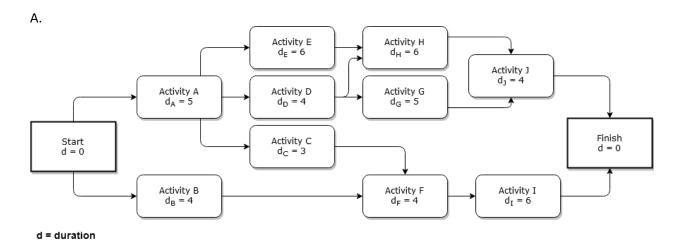**Student #:** 101085982

Case Study 1

Project Team	Waterfall	V-Shaped	Prototype	Spiral	RAD	Incremental
Are the majority of team members new to the problem domain for the project?	No	No	Yes	Yes	No	No
Are the majority of team members new to the technology domain for the project?	No	Yes	Yes	Yes	No	Yes
Are the majority of team members new to the tools to be used on the project?	No	Yes	No	Yes	No	No
Are the team members subject to reassignment during the life cycle?	No	No	Yes	Yes	No	Yes
Is there training available for the project team if required?	No	No	Yes	Yes	No	Yes

Case Study 2

Activity	Predecessor	Duration (Days)	ES	EF	LS	LF	Slack
A	None	5	0	5	0	5	0
B	None	4	0	4	7	11	7
C	A	3	5	8	8	11	3
D	A	4	5	9	7	11	2
E	A	6	5	11	5	11	0
F	B, C	4	8	12	11	15	3
G	D	5	9	14	12	17	3
H	D, E	6	11	17	11	17	0
I	F	6	12	18	15	21	3
J	G, H	4	17	21	17	21	0

A.

d = duration

B. See table

C. See table.

D. The critical path is Start -> A (5) -> E (6) -> H (6) -> J (4) -> Finish.

E. The project will take 21 days. This is computed via the critical path activity durations.