

Systems Analysis and Design

Tutorial: Project Methodology 2

Question 01:

Following table displays the criteria that you can use for selecting the appropriate project methodology. You are required to complete the table according to the discussion had in the lecture.

Usefulness in Developing Systems	Waterfall	Parallel	V-Model	Iterative	System Prototyping	Throwaway Prototyping	Agile Development
with unclear user requirements	x	x	x	✓	✓	✓	✓
with unfamiliar technology							
that are complex							
that are reliable							
with short time schedule							

Question 02:

Suppose that you are a project manager using the waterfall development methodology on a large and complex project. Your manager has just read the latest article in *Computerworld magazine* that advocates replacing the waterfall methodology with prototyping and comes to your office requesting you to switch. What is your response to this request? Justify your answer.