

Week 2

1. System Analyst

- What are the responsibilities of a system analyst?
- Think about your ideal analyst position. Write an ad to hire someone for that position. What requirements would the job have? What skills and experience would be required? How would an applicant be able to demonstrate having the appropriate skills and experience?

2. Different System Development Methodologies

There are different system development methodologies. They can be largely categorised into these 3 main groups. Please give a description for each of them and highlight the methodologies underneath.

- Structured Methodologies (2 methods)
- RAD Methodologies (2 methods)
- Agile Methodologies (3 methods)

If we have the following criteria, which method will you choose?

	?1	?2	?3
Unclear User Requirements	Excellent	Excellent	Poor
Unfamiliar Technology	Poor	Good	Poor
Complex	Poor	Good	Good
Reliability Required	Poor	Excellent	Good
Short Time Schedule	Excellent	Excellent	Poor
Schedule Visibility	Excellent	Excellent	Poor

3. Waterfall development–based methodology

Suppose you are a project manager using a waterfall development–based methodology on a large and complex project. Your manager has just read the latest article in Computerworld that advocates replacing this methodology with prototyping and comes to your office requesting you to switch. What do you say?