









(continues...)





Quantifying the Cost of removing Defects (2)

- 5. Program specifications incorrect
- 6. Program coding error
- 7. Program structural or instruction error
- 8. Data entry error
- 9. Testing error

- 10. Error correction mistake
- 11. Correction condition causes another defects







Four Composition of the Test Team (1)					
Test team approach	Composition of test team members	Advantages	Disadvantages		
1. Internal IS	Project team	□Minimize cost □Training □Knowledge of project	□Time allocation □Lack of independence □Lack of objectivity		

Four Composition of the Test Team (2)					
Test team approach	Composition of test team members	Advantages	Disadvantages		
2. External IS	□Professional tester □Quality assurance	□Independent view □IS professionals □Multiple project testing experience	□Cost □Overreliance □Competition		

Four Composition of the Test Team (3)						
Test team approach	Composition of test team members	Advantages	Disadvantages			
3. Non-IS	□Users □Auditors □Consultants	□Independent view □Independent in assessment □Ability to act	□Cost □Lack of IS knowledge □Lack of project knowledge			

Four Composition of the Test Team (4)					
Test team approach	Composition of test team members	Advantages	Disadvantages		
4. Combination	Any or all the above	□Multiple skills □Education □Clout	□Cost □Scheduling review □Diverse background		















Responsibility for Establishing a Test Plan

- Responsibility of project manager
 Identify testing factor to be applied
- during testing process
- \Box Test factor \rightarrow test requirements
- □ Test plan must be customized for each individual application.



Conclusions (1)

- □ Life cycle testing means performance testing in parallel with systems development.
- □ There are four various composition of a test team: internal IS, external IS, non IS and combination. Each composition have their own pros and cons.





Reference

Perry, William., Effective Methods for Software Testing. New York: John Wiley & Sons, Inc., 1995