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BCS 3263

SOFTWARE QUALITY ASSURANCE

Chapter Four

Organizational Environment that Fosters a Quality Culture

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Chapter Description

- Aims
 - Organization and staffing of the quality assurance department
- Expected Outcomes
 - Develop a Quality Assurance plan for a software project using international standards.
- Other related Information
 - Introduces students to the concept of Software Quality Assurance (SQA) including principles, component, process, models, standards and certification of SQA.
- References
 - Mastering software quality assurance : best practices, tools and techniques for software developers / Murali Chemuturi Chemuturi, Murali, J. Ross Pub. QA76.76.Q35 C44 2011



Quality and Organizational Environment



Independent QA Department

Responsibility for championing quality.

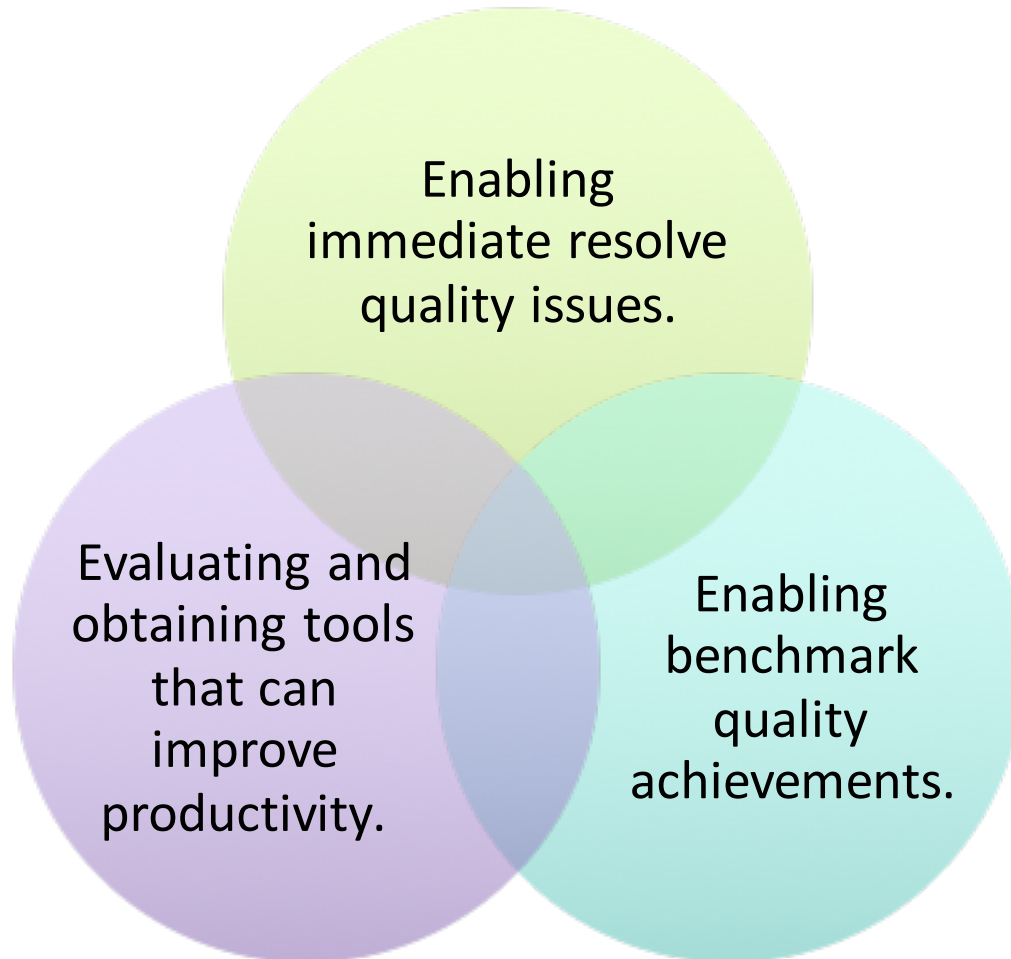
Offering counsel and guidance.

Offering organization-level analyses of measurement.

Minimizing the need for rework.



Independent QA Department



Role of the QA Department



Role of marketing is to win orders



Finance for arrangement



Human for resources



Delivery to send



QA to ensure all working fine



Conclusion of The Chapter

- Conclusion #1
 - Environment
- Conclusion #2
 - QA Department (Independent / Dependent)
- Conclusion #3
 - Role



Technical Report

CHAPTER 3 & APPENDIX I: Coding Guideline

#Prepare 2 Pages Technical Report