

Execute the organisation's software testing strategy

Overview

This standard concerns setting the overall strategy for software testing within the organisation to meet business need. It involves ensuring that the strategy is underpinned by effective policies, procedures and processes and that the resources are in place to deliver the strategy. The lead software tester is responsible to internal and external stakeholders for the development of accurate, effective software solutions across the organisation.

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Performance criteria

You must be able to:

1. Create and implement standards for software testing to meet the needs of the organisation
2. Design software testing processes in line with organisational requirements
3. Ensure that resources are in place to deliver the software testing strategy
4. Manage relationships with sponsors and external providers at all levels to set the priority of software testing in the development life-cycle
5. Contribute to the advancement of testing capability within the organisation
6. Explore opportunities for innovation in software testing procedures to improve efficiency and business agility

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Knowledge and understanding

You need to know and understand:

1. The elements of a software testing strategy
2. Current organisational policies, plans, processes, procedures and standards for software testing
3. The external standards and regulatory environment relevant to software testing
4. The factors involved in managing relationships with sponsors and external providers
5. How to improve current and future test plans, processes and procedures
6. The steps required to implement multi-server test environments
7. The implications of emerging technological developments, economic and social trends on software development and testing within an organisation

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