

CFABAD112

Design and develop an information system



Overview

This standard is about designing and developing information systems to meet organisational and users' needs. It includes identifying the information to be managed within the system and the resources required to deliver and implement it and testing the system against the specification. It is for administrators who are responsible for designing and developing information systems.

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Performance criteria

- You must be able to:*
- P1 identify the information that will be managed within the system
 - P2 identify the resources required and available to deliver and implement the system
 - P3 design a system specification that meets identified needs and budgetary controls
 - P4 develop an information system that meets the specification
 - P5 test the information system against the agreed specification

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Knowledge and understanding

You need to know and understand:

- K1 the purpose and benefits of managing information to meet specifications
- K2 the types of information that need to be managed in a business
- K3 the types of information systems available and their main features
- K4 the purpose and benefits of identifying and agreeing user needs for an information system and developing specifications based on these
- K5 how to develop specifications for information management, including resources and budgets
- K6 how to create and develop an information system based on identified user needs
- K7 the purpose and benefits of testing information systems
- K8 how to test an information system

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Additional Information

Skills

1. analysing
2. evaluating
3. managing resources
4. negotiating
5. organising
6. planning
7. researching
8. using technology
9. problem solving

Links to other NOS

Manage Information; IT; Health, Safety and Security of People, Premises and Property

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