CFABAD112 - SQA Unit Code H98C 04
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

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

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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