



Database Design Concepts

Programme duration

48 hours

Option of weekend or evening classes

Qualification description

Databases play an integral part in commercial domains: they provide users with a tool in which to store, model and retrieve data. Database development is fundamental in the area of computing and ICT within organisational contexts. Database Management Systems (DBMSs) provide the systems, tools and interfaces by which the organisation can manage their information and use it to assist in the effective running of the organisation. Databases offer many links to other areas, such as programming, systems analysis, HCI as well as embracing issues of compatibility and end-user interfacing. This module explores database architecture, DBMS and the use of databases in an organisational context. Database design techniques are investigated, and successful students will be able to apply theoretical understanding to design, create and document a database system.

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