



Patient management system project

Susan Jenkins

Erzsebet Bekesi

Bridie Atkins

Information Systems & Computing
Faculty of Humanities and Business
Universal College of Learning
Palmerston North
b.atkins@ucol.ac.nz

In 2003, Susan Jenkins undertook, as part of her I399 – Industry Project, to design a Client Management System for a local Orthotics business in Palmerston North. The proposed system was to meet the changing reporting requirements of the two district health boards of which the business is contracted.

The original objective of the proposed Patient Management System project was to:

- define the requirements specification for the client management system,
 - develop analysis and design documentation, and
- develop a working prototype of selected components of the client management system that meets the needs of the project sponsor.

During the execution of the project and based on the in-depth analysis of the required system, the Project Manager and Project Sponsor agreed to re-scope the project when it was recognised that the time resource for the project was insufficient.

With the change to the scope of the Project, the deliverables produced from the Project were:

- the requirements specification for the client management system using selected tools from the Yourdon systems methodology v3.0
- the physical database documentation, and
- a prototype of client management system and associated documentation.

The project demonstrated excellent project and change management skills. Through working closely with the businesses management team, the final outputs and deliverables of this project included highly in-depth analysis documentation following the Yourdon methodology. An initial prototype of the proposed solution and extensive database design documentation was also delivered.

This project has led to the creation of another industry project in which the final development and implementation of the Client Management System will be undertaken.