Exploring a Support System for Degree Lecturers

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Students in Database 3 in the Bachelor of information technology are given the challenge of constructing a real database, to go live on presentation. In the last two years we have seen successful development of the Otago Polytechnic Research Web (Mann and McGregor 2000) and Bitweb (Mann 2001). One group in 2002 was given the task of developing and implementing a web based database to enable sharing of resources and information between IT degrees. This was intended as an exploration of possibilities.

Polytechnics within the NACCQ teach a range of IT degree courses. Papers may have different names and arrangements, but content is often similar. To reduce time spent searching for ideas and resources for course materials and to facilitate collaboration between Polytechnics within the NACCQ teach a range of IT degree courses. Papers may have different names and arrangements, but content is often similar. To reduce time spent searching for ideas and resources for course materials and to facilitate collaboration between Polytechnics.

♦ Provide facility for uploading and accessing a variety of documents (policies and procedures, exam papers, course structures, lecture notes, links)

♦ Store information on people involved in courses - expertise, contact info.

♦ Provide for a range of access options to be set by the owner of a document (read only, print, full use)

♦ Allow search facility - matrix/keyword

♦ Provide limited access to public users (login for Polytech staff).

A software development lifecycle approach was followed and much documentation of entity relationship diagrams, task analysis and the like was produced. The system is intended to act as a repository of degree information: course documents; exemplar lecture notes; assessments and so on.

The system is currently viewable at Http://site.tekotago.ac.nz/naccq . We look forward to discussing its ongoing development.

REFERENCES

Mann, S., McGregor, G. (2000). A Web-based Infrastructure Supporting Research at Otago Polytechnic Concise Paper in the Proceedings of 13th Annual Conference of the National Advisory Committee on Computing Qualifications 30th June - 3rd July 2000 pp434

M**ann, S., Singh-Cosgrave, B. and Sinclair-Fox,C. (2001).** Building an IT Community: BITWEB Concise Paper in the Proceedings of 14th Annual Conference of the National Advisory Committee on Computing Qualifications Napier, p443