E-Borrowing System Applied to Bibliotheca Alexandrina

A Thesis
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of the Requirements for Master in Information Systems Degree

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ABSTRACT

Business Process Re-Engineering (BPR) has been developed rapidly towards a new management philosophy. The inherent business process orientation changes the perspective of international management from a structural to a process view of headquarter-subsidiary relations.

BPR is the result of a new process-orientation, which is trying to overcome some of the problems raised by the Tayloristic view of structural specialization. BPR stresses the radical change of processes concerning different departments. However, the redesign of a process is only one aspect of the management of business processes. At least three different kinds of process management can be identified:

1. The management of ongoing business processes.
2. The improvement of business processes.
3. The re-engineering of business processes.

The automated library uses information technology to manage library's key functions such as acquisitions, serials control, cataloging, borrowing, circulation and the public access catalog. This research aims at using the business process reengineering to automate the borrowing system in libraries and make it web based borrowing system, i.e. E-Borrowing, and apply this on Bibliotheca Alexandrina.
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