Design an Agent-Based Executive Banking System

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Abstract

An information system is evaluated not only by the quality of the provided services, its reliability, its user-friendliness, etc, but also by the maintenance and upgrading capabilities it offers. The latter requires a simple and comprehensible architecture. Such an architecture is essential in cases of outsourcing as it is facilitates the knowledge transfer between organizations. In this paper we present an executive banking information system, which has been implemented and installed by the ``Information Systems and Business Intelligence'' Laboratory of the University of Patras. Based on our experience we investigate the capability of further developing this system using agent-based technology. Finally, the advantages and disadvantages of this approach are discussed.

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