

Service Oriented Architecture for Enterprise Resources Planning — Jsoper

D. A. J. K. Dasanayaka and B. A. K. Dissanayake

Uva Wellassa University, Sri Lanka

The problems of architectures used for current ERP systems such as Model View Control Architecture (MVCA) and Model Driven Architecture (MDA) are layers tightly coupled, forced to depend on a centralized database, Heavy compatibility issues in relation to the communication between the current Enterprise Applications, and all the related sub modules have to be developed concurrently resulting in higher cost. Using Service Oriented Architecture techniques and three layer modular system, which are enabled to design and develop loosely coupled, modulate databases and embedded interface based ERP system and concluded for it to be the most cost effective and efficient solution for the Enterprise world.

Key words: Model View Control Architecture (MVCA), Model Driven Architecture (MDA)