

**Pengembangan kerangka kerja dalam merancang sebuah sistem gudang dengan menggunakan pendekatan rekayasa sistem studi kasus :
Universitas Indonesia = The development of a framework in designing a warehouse system using systems engineering approach case study :
Universitas Indonesia**

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Deskripsi Lengkap: <https://lib.ui.ac.id/detail?id=20415213&lokasi=lokal>

Abstrak

[ABSTRAK

Pengelolaan Rantai Pasok atau Supply Chain Management (SCM) mencakup seluruh kegiatan, fungsi dan fasilitas yang terlibat dalam memproduksi dan memberikan produk dan/atau jasa dari pemasok (dan pemasok dari pemasok) kepada pelanggan. Perkembangan baru dalam bidang ini adalah implementasinya dilingkungan kampus atau dikenal dengan nama Campus SCM. Campus SCM merupakan sebuah pengelolaan terintegrasi dari kegiatan SCM yang memiliki fungsi serta tugas pokok unik yang telah ditetapkan sebelumnya oleh pihak Kampus. Saat ini telah banyak kampus ternama di dunia yang menerapkan konsep SCM untuk mendukung kegiatan baik akademis maupun non akademis. Pada tesis ini, penulis mengusulkan sebuah kerangka pengembangan perancangan proses dalam sebuah siklus sistem, yang diharapkan dapat digunakan dalam mengembangkan salah satu komponen penting dari sistem SCM yaitu Warehouse. Kerangka pengembangan ini merupakan sintesa dari berbagai metode pengembangan sebuah warehouse yang telah ada sebelumnya dan memadukannya dengan konsep rekayasa sistem.

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ABSTRACT

Supply Chain Management (SCM) includes all the activities, functions and facilities involved in producing and delivering products and / or services from suppliers (and the suppliers of suppliers) to the customer. A new development in this study is the implementation of SCM in campus environment or known by the name Campus SCM. Campus SCM is an integrated management of SCM activities that have a unique functions and main tasks predefined by the Campus. At the present time, there are several well-know campuses that apply the concept of SCM to support their both academic and non-academic activities. In this thesis, the authors propose a framework design to design several processes in a life-cycle of a system, which is expected to be used in developing one of the essential components of the SCM system, Warehouse. This development framework is a synthesis of the various methods of developing a pre-existing warehouse design and combines with the concept of systems engineering., Supply Chain Management (SCM) includes all the activities, functions and

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