ABSTRACT

Knowledge sharing is an activity that can improve an employee's performance and prevent lost knowledge so as to improve the quality of a company, is no exception to the PT. Telekomunikasi Seluler (Telkomsel), as the company's largest cellular operator in Indonesia with the achievement of up to 152 641 subscribers in 2015, the need for knowledge sharing activities to keep the quality of the company. By building Expert Locator System (ELS), which focuses on managing course offline and journal, knowledge sharing activities become more efficient and be able record the tacit knowledge so it can be prevent the occurrence of lost knowledge.

ELS is a web-based application that can be accessed by using the intranet, developed using iterative incremental method. In the Iterative Incremental methods, ELS will go through the stages of business modeling, requirements, system analysis, system design, implementation, and testing. In making the ELS using CodeIgniter framework, so as to facilitate the further development.

The results of this research is an ELS applications that could be support knowledge sharing activities in that Telkomsel has a place forBusiness Expert (BE) and employee knowledge sharing activities as well as helping record the tacit knowledge

Keyword : Tacit knowledge, *The Performance of Company*, *Knowledge sharing*, *Framework CodeIgniter,* Metode *Iterative Incremental.*