

ABSTRACT

PT. Telekomunikasi Seluler (Telkomsel) is the largest company of mobile telecommunication services provider in Indonesia. Since 2015, this company has recorded 4.930 employees. As the company's efforts to move forward in the new digital era, Transforming Human Capital Management (HCM) is an important part of Telkomsel to improve human resource, culture and organization. It is necessary to apply cultural knowledge sharing between employees and business expert (BE) in the form of a forum.

In this final project, will be realized the design an expertise locator in the form of web-based expert locator system (ELS), system development method that is used is iterative incremental consisting of four phases include inception, elaboration, construction, transition and framework that is used is CodeIgniter for module Group Discussion. Through the Group Discussion module that has the author made, BE and employees can interact without having to meet directly and the new knowledge that has generated can be documented.

Keywords: Knowledge management, group discussion, expertise locator, knowledge sharing, incremental iterative method, CodeIgniter framework.