

ABSTRACT

New Student Selection (SMB) in Telkom University is a way for student candidate to enrol themselves to continue their education at Telkom University under the Telkom Education Foundation. The Marketing Division, Head of Study Program, and Head of Admission Department are the ones who responsible in the execution of the new student enrollment. They share and transfer their knowledge in order to find a qualified student candidate. Knowledge sharing is done by communicating face to face and arrange a meeting that are held once a year. To make an optimal knowledge sharing, Knowledge Management System (KMS) is needed to make the decision making much more quicker and to increase the business value of the company itself.

In the process of developing the KMS in this research, the methodology that we use in this research is iterative incremental. Because in this methodology, analysis and application design are made iteratively, and in a continuous flow, in order to minimize mistakes in application. Yii is the framework that we use to develop this application. The usage of this framework provides the user with convenience, because of its light, fast, and user friendly features. Also, Yii has a documentation feature and its easy to understand the framework, so it might help the developer to develop the application in the future.

The result of this research is a KMS that has functionality to support SMB's Knowledge Sharing at Telkom University. With KMS SMB, Stakeholder can share and get new knowledge about SMB so the decision making become much more quicker and the business value of the company is increased.

For further research, hoped that KMS SMB can be integrated with SMB Telkom University web Application and the use of this application is done as often as possible so knowledge sharing can run effectively.

Keywords: Iterative Incremental, Knowledge Management, New Student Selection, SMB, Telkom University, Yii.