ABSTRACT

Seleksi Bersama Masuk Perguruan Tinggi *Negeri or abbreviated as* SBMPTN *is a joint selection in the admission of new students in the environment of state universities. Computer Based Test or abbreviated* CBT *is a new method and widely used for* SBMPTN *application.* SBMPTN CBT *is still a new thing, therefore an application for* SBMPTN *exam implementation in* CBT *is required . Web Based Application of Simulation* SBMPTN CBT *aims to actualize these needs and having more value because it has a feature to measure self-competence and knowing the evaluation of self-development. The methodology which is used in making this application is Waterfall. The programming language used is PHP with Codeigniter framework. This application is web based application. This application is expected to help users, especially students who choose* SBMPTN *on* CBT *to train and prepare ahead of* SBMPTN*.*

Keywords : SBMPTN *, Computer Based Test, Waterfall methodology, PHP, CodeIgniter, Web.*