ABSTRACT

Best graduate selection at School of Applied Science implemented for every graduation period. Best graduate chosen by Head of Student Affairs based on five criteria including GPA, TOEFL scores, study period, SAT and non-academic achievments. Best graduate selection are still doing manually by using Microsoft Excel, so while input the data that has not been converted to number like non-academic achievments, must converting to number manually, so the process took a long enough time. Therefore, a decision support system best graduate selection is built. In this final project the Waterfall method used for a system development. This system is built by using PHP for programming language and MySQL for data storage. This system is expected to facilitate the Head of Student Affairs in the selection of the best graduate at School of Applied Science.

Keywords*: Best Graduate, waterfall, PHP, MySQL*