ABSTRACT

Process of writing Student's Progression Report in current still in manual condition that still counting the last result using calculator or with thinking that make possible in human error. The unexistence backup of report needs more time to get this report. The unexistence report of grade result also cause the teachers could not improve the method teaching. This condition need an database-integrated application that capable to save and process the student's result to become Student's Progression Report within high grade valid.

The solution of this problem is bulding an Student's Progression Report Builder Aplication. This application be intended to become the solution of current shortage in case reporting student's progression report. With this application expected can improve the student's leader performance when make student's progression reports, and students leader also can control the quality of teaching and can improve the teaching system.

This application build using Waterfall method and implemented with PHP language programming with helps of framework CodeIgniter, PHPExcel and also pChart and using MySQL to be a Database Management System and other software support.

Keywords : *web, waterfall, PHP, MySQL*