

**RESEARCH AND COMMUNITY SERVICE
MANAGEMENT INFORMATION SYSTEM SECTION
USING EXTREME PROGRAMMING METHOD**

Name Of Student : Putri Nuraniza

Student ID Number : 6304181129

Supervisor : Lidya Wati, M.Kom

ABSTRACT

Center for Research and Community Service (P3M) is a research and service activity managed by an institution that has the task of mobilizing the Tri Dharma of Higher Education by conducting research and community service. At this time, the process of submitting research and service proposals to the final reporting to P3M is still ineffective by filling in data related to research and service submissions through the google form and collecting the final report in hard copy. Based on these problems, P3M requires a computerized system in the process of submitting proposals by lecturers. This system was developed using the PHP programming language, Laravel framework. The purpose of this study was to design a website-based Research and Service Management Information System at the Bengkalis State Polytechnic. This design will be able to provide information related to the activities and services of collecting proposals to the final report. The development method used is Extreme Programming. As for the implementation, several software are used, including the Laravel framework, code editor, PHP programming language.

Keyword: *information system, research, extreme programming, laravel framework.*