

***Decision Support System for Performance Evaluation of
Student Organizations at Politeknik Negeri Bengkalis
Using the Multifactor Evaluation Process (MFEP) Method***

Name : Nurul Liyana Ulfa
Student ID : 6304211345
Supervisor : Ryci Rahmatil Fiska, M.Kom

ABSTRACT

The performance evaluation of student organizations (Ormawa) at Politeknik Negeri Bengkalis is a crucial component of the end-of-term management assessment, serving as a form of accountability and a foundation for future development. The existing manual process is often time-consuming and prone to errors. To address this issue, a web-based decision support system was developed using the Multi-Factor Evaluation Process (MFEP) method, which incorporates a weighting system in the decision-making process. The system was built using the Rapid Application Development (RAD) approach, which enables fast and efficient development through a linear and sequential methodology. The implementation of the MFEP method in the system achieved an accuracy rate of 88.88%, based on a comparison between field data and the system's output.

Keywords: *Decision Support System, Multi-Factor Evaluation Process, Website, Rapid Application Development, Ormawa.*