

## INTISARI

Berkembangnya pola perilaku siswa khususnya di SMA Negeri 4 Purwokerto, bila tidak diawasi dan dikendalikan dalam setiap perkembangannya. Bukan tidak mungkin siswa bakal terpengaruh hal-hal buruk baik dari lingkungan keluarga maupun lingkungan luar. Permasalahan yang terjadi Guru BK mengalami kesulitan membuat catatan pelanggaran siswa. Hal ini disebabkan karena penggunaan sistem pencatatan yang masih dalam bentuk manual yang ada di SMA Negeri 4 Purwokerto. Dalam pencatatan yang berjalan banyak kekurangan yang ada seperti kehilangan catatan pelanggaran yang terkena air dan catatan pelanggaran yang sobek akibat kelamaan disimpan atau salah penyimpanan. Tujuan penelitian ini membuat sistem monitoring untuk pencatatan pelanggaran siswa di SMA Negeri 4 Purwokerto. Metode yang digunakan yaitu pengumpulan data dan perancangan sistem menggunakan metode extreme programming. Hasil penelitian ini telah dibuat sistem monitoring pelanggaran siswa. Berdasarkan hasil pengujian black box didapatkan semua pengujian sesuai dan berhasil. Sedangkan hasil kuesioner yang diisi oleh responden menghasilkan sebanyak 84% sehingga termasuk dalam kategori sangat baik untuk digunakan.

Kata kunci: Pelanggaran, SMA Negeri 4 Purwokerto, extreme programming

## **ABSTRACT**

*The development of student behavior patterns, especially in SMA Negeri 4 Purwokerto, if not supervised and controlled in each of its developments. It is not impossible that students will be affected by bad things both from the family environment and the outside environment. Problems that occur BK teachers have difficulty making notes of student violations. This is due to the use of a recording system that is still in manual form at SMA Negeri 4 Purwokerto. In the ongoing recording, there are many shortcomings, such as the loss of violation records that were exposed to water and torn violation records due to being stored for too long or being stored incorrectly. The purpose of this study is to create a monitoring system for recording student violations at SMA Negeri 4 Purwokerto. The method used is data collection and system design using the extreme programming method. The results of this study have made a monitoring system for student violations. Based on the results of black box testing, all tests are appropriate and successful. While the results of the questionnaires filled out by respondents yielded as much as 84% so that it was included in the very good category for use*

*Keywords: Violation, SMA Negeri 4 Purwokerto, extreme programming*