

ABSTRACT

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IMPLEMENTATION OF POSTGRESQL IN A CCTV-BASED EMPLOYEE ATTENDANCE SYSTEM AT PT. MANUNGGALING RIZKY KARYATAMA TELNICS

The internship was carried out at PT. Manunggal Rizky Karyatama Telnics (MARKTEL), located at Jalan Sanggar Kencana XXVII No. 32, Komp. Sanggar Hurip Estate, Jatisari, Buah Batu, Bandung. PT. MARKTEL is a technology-based company specializing in electronic control, telecommunications, and information technology. The internship started on July 1, 2024, and ended on August 30, 2024. During the internship program, the intern was placed in the IT division as a database developer to support the employee attendance management system. This task involved designing, managing, and maintaining a database integrated with PostgreSQL to ensure the attendance system operated efficiently and securely. The system was developed to process employee attendance data in real-time, with integration to CCTV for automated attendance monitoring.

Keywords: PostgreSQL, attendance management system, database development, CCTV.