

## ABSTRACT

LPK Cipta Kerja DPN Perkasa Jateng is a vocational training institution that focuses on Japanese language training to prepare students for work in Japan. However, the attendance process at LPK Cipta Kerja DPN Perkasa Jateng faces several challenges, such as difficulties in monthly recapitulation because daily data must be compiled one by one. Additionally, students do not have access to view their attendance records, reducing transparency and awareness of the importance of attendance as part of their evaluation. A web-based attendance application was designed to address these issues. The main features of the application include attendance recording by instructors to improve efficiency, generating monthly reports in Excel format to expedite recapitulation, and allowing students to independently access their attendance records, thereby increasing their awareness of their attendance. The application development uses the ICONIX Process methodology, which consists of several stages: requirements gathering, analysis/preliminary design, detailed design, and implementation. This approach ensures a well-structured system design tailored to user needs. The goal of the application is to develop a web-based attendance system to simplify attendance management at LPK Cipta Kerja. Testing results show that the application successfully meets its objectives, with all features functioning as specified. Testing was conducted using the black-box testing method to ensure that all features operate according to specifications without examining the program code.

**Keywords** : Web-based attendance, ICONIX Process, attendance history, Laravel Framework