

## ABSTRACT

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*The need for an information system for a company or agency especially in the world of education is an important matter. In Telkom Bandung Vocational School, several ongoing business processes still do not use information system-based technology, especially in the process of applying for loans and maintenance of infrastructure at Telkom Bandung Vocational Schools. Therefore the need for information systems will be very supportive for the Telkom Vocational School Bandung to manage business processes that take place every day. As with the Loan Application and Infrastructure Maintenance Facilities of Telkom Bandung Vocational Schools can play an important role in the process of submission and recapitulation for borrowing and maintaining existing facilities and infrastructure within the school scope. The method of developing loan application and infrastructure maintenance for SMK Telkom Bandung uses waterfall with the stages in the form of Software Requirement Analysis, Design, Encoding, and Testing. This application is built using the PHP programming language, for display design using HTML and CSS programming languages, then for the database using the MySQL Database. This application can accommodate the process of managing infrastructure data, the process of submitting loans and maintenance of infrastructure facilities, and the process of recapitulation of reports on lending activities and maintenance of infrastructure.*

**Keywords:** *Application, Management, Borrowing, Maintenance, Infrastructure*