

## ABSTRACT

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*Web-based Information Systems Laboratory Inventory and Borrowing Application is an application that contains data reports on goods contained in the information systems laboratory and information systems laboratory borrowing. This application takes a case study at the Information Systems Laboratory, Faculty of Applied Sciences, Telkom University. Recording goods and borrowing laboratories still use the bookkeeping method and through a loan letter so that they can use the laboratory. This application was built to help lecturers or students who want to use the laboratory to conduct study groups, meetings, and research activities. This application uses the Waterfall method and uses the PHP programming language and MySQL database. The results of this application can help students and lecturers, especially the Information Systems Study Program of the Faculty of Applied Sciences in borrowing laboratories.*

*Keywords: Inventory, Loan, Laboratory, Application.*