

## ABSTRACT

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Writing Thesis. Business Information Systems. 2017

Analysis and design management information system using method Framework For The Applications Of System Techniques (FAST).

Keywords: *Accreditation, Laboratory, Method FAST, MIS (Management Information System)*

KAN (Komite Akreditasi Nasional) gives accreditation to assess and give recognition to the LPK (Lembaga Penilaian Kesesuaian) which includes testing laboratories, medical laboratories, calibration laboratories, and inspection bodies. The process of data management laboratories and inspection bodies have limitations because of the increasing number of laboratory data that must be managed and processed. From the problems pushed to devise a system that can overcome the existing problems, the system is made using methods Framework For The Applications Of System Techniques (FAST) with the modeling language UML (Unified Modeling Language). In addition to the tools used in the design of this system is to use the PHP programming language, and MariaDB database for data storage. The results of this study are accredited laboratory information management system that is used and utilized by staff and management to process information quickly and accurately.

Bibliography (2000-2015)