

ABSTRACT

Web based application for borrowing laboratory and it equipment is an application used to lend laboratory and laboratory devices at the Faculty of Applied Sciences Telkom University. This application has a registration feature, laboratory lending and devices, loan history, lending management, scheduling management, data management of the borrower, and loan validation. User of this application is a college student, responsible for laboratory, staff laboran, and head of laboratory. This final project was created with software development method Prototype, Unified Model Language (UML) to model the system. And using PHP programming language with Codeigniter framework as well as MySQL database, testing on this application using blackbox testing method. With this application is expected to process laboratory loan and laboratory devices more effective and efficent than before.

Keywords: Laboratory, Borrower, Device,