ABSTRACT

Management of practical activities at the Faculty of Applied Sciences such as the manufacture of the assignment, the process of collecting assignments and assignment assessment process is still done by hand. Seeing these problems arise the idea to build a web-based application that is in it is able to manage the activities of the practical activity. The methodology used in the making of this application is the Waterfall method. The programming language used is PHP 5.5 with CodeIgniter framework and HTML 5. To interface design using Bootstrap Londinium, CSS3 and Jquery. The database used is Oracle 11g as well as the editor used is XAMPP, Netbeans IDE 8.0.2 and Notepad ++. This application is used by 5 users, namely the Assistant Practical, Practical Users, Lecturer, Course Coordinator and Head of Laboratory. By using this application is expected to handle practical activities that can help the process of practical implementation.

Keywords: WEB application, Practice, Assignment, Assessment.