

ABSTRACT

UPT BPI LIPI is a government agency under the Ministry of Research and Technology that has the task of implementing, utilizing, disseminating and applying the results of research and development in the field of instrumentation and calibration. Calibration is the process of verifying that an accuracy of the measuring instrument is in accordance with its design. This final project aims to make the application of online-based calibration training at UPT BPI LIPI. This application is made because the UPT BPI LIPI requires applications to facilitate the community in conducting calibration training so as to improve the performance of UPT BPI LIPI in handling calibration training. Development of this application using System Development Life Cycle (SDLC) methodology with waterfall model, in the process stepping using Object Oriented Programming (OOP) model using PHP programming language with codeigniter (CI) framework and in data storage using Database Management System (DBMS) open Source ie MySQL and this application comes with convert PDF to report to the section of the measurement method. With this application is expected to help the performance of UPT BPI LIPI in conducting calibration training.

Keywords: Calibration, web, waterfall, codeigniter.