

ABSTRACT

The application for the Prediction of Final Project Session Time in the Information Systems D3 Study Program Using Machine learning focuses on how to make it easier for Supervisors to collect trial projection data and make it easier for the Head of Study Program and PA coordinator to identify students who are ready for trial. With this application, it is hoped that it will provide the facility to identify students who are ready for trial and facilitate the supervisors, heads of study programs and PA coordinators to see students who are ready for trial. The main features in this application are PA trial projections and predictions of when students are ready for trial. The method of working on this application is by using the Software Development Life Cycle method with the Waterfall Model. The work steps start from Requirement Definition, System and Software Design, Implementation and Unit Testing, Integration and System Testing and Operation and Maintenance. This application will be built using PHP programming, with Laravel framework and its database using MySQL. The application development method uses the Waterfall methodology.

Keywords: Session Prediction, Session Projection, Prediction, Information System.