

ABSTRACT

Mentoring at Police Academy is an interaction that involves cadets and mentors according to the scope of their duties and responsibilities in the form of coaching, guidance and supervision of cadets. Character assessment of the cadet and daily battalion activities is a kind of mentoring. Recording character assessment of the cadet is carried out using the Excel software program, while recording battalion daily activities without a supporting application only uses a notice board. There are many character assessment indicators and weight calculations for various categories in the aspect of cadet character assessment, making it prone to calculation errors, and caregivers report daily battalion activities to the Governor of the Police Academy every day. This increases the time complexity in analyzing cadet character assessment information and daily battalion activities. This final project has resulted in an application for assessing cadet character and monitoring battalion daily activities. This application was developed using the ICONIX Process method involving the requirements stage, analysis/preliminary design stage, detailed design stage, and implementation stage. The technology supporting this application uses the PHP programming language framework CodeIgniter 4 as the front-end and back-end application, and MySQL as the data storage medium. This application is equipped with an admin module, character assessment of the cadet, cadet character assessment recap and monitoring of battalion daily activities. The application for assessing cadet character and monitoring battalion daily activities was tested using the black box testing method with 54 test scenarios based on predetermined use case scenarios. Testing of this application has been carried out with acceptable results for all existing test scenarios.

Keywords : Mentoring, Police Academy, Character assessment of the cadet, Monitoring Battalion Daily Activities, ICONIX Process, Black-Box Testing.