ABSTRACT

Department of Information Systems Institut Teknologi Sepuluh November Surabaya (ITS) recently has implemented a fingerprint based attendance system to support the teaching and learning process, and to deal with cheating in class attendance. This technology is currently emerging and very supportive because it is not too difficult after all it’s cheap. But JSI not maximize the application of fingerprint attendance because it has not had an application that manages the presence.

JSI using VF30 fingerprint hardware that has been applied in every classroom. The system will work if the VF30 fingerprint activated by a user fingerprint, which are then sent to the server for authentication and recording process. A web-based application will be a application container VF30 with academic presence.

This application is helping prevent presence fraud problem that often occurs and provide convenience to the recapitulation of student attendance during the learning process every day.

Keywords: Tracking Client, UPM, ReadySET