BIOMETRICS AUTHENTICATION AS SECURITY AND MONITORING SYSTEMS FOR INTI UNIVERSITY COLLEGE'S COMPUTER LABORATORY

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ABSTRACT

This project, Biometrics Authentication as Security and Monitoring Systems for INTI University College's Computer Laboratory, will be developed to solve and maintain security problem, for instance prohibiting unauthorized users to occupy computer facility, which is occurring frequently in INTI-UC's computer laboratory.

This project will be designed as a client-server application, where a server will monitor all the clients. This security system will ensure only authorized user is able to use computer by scanning user's finger as biometric authentication technology. Another main feature f this system is application blocking, which means the server is able to block certain applications on the client side. This feature will be useful while lecture is teaching in the lab to prohibit student to run other applications that are not related to the course such as games. Furthermore, this system will also monitor and record who is the user of each client and the time of logging on and logging off.

This system will be developed in .NET platform and used a thumb scanner/fingerprint device. This security and monitoring systems will solve the problem that happens at INTI-UC to ensure only authorized user to user computer laboratory.