

# DEVELOPING A SECURITY SYSTEM WITH BIOMETRIC AUTHENTICATION BY USING FACE RECOGNITION COMPONENTS

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## ABSTRACT

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This security system will make sure that only the authorized person can access to the computer by locking up the system automatically when the user is away from the computer. To unlock back the computer, the web cam installed in the computer will detect the face of the user. If the face detected is valued (recognized), the computer will be unlocked. This method will provide a faster way to unlock the computer compared to entering a password.

The face recognition system security system keeps the record of anyone who is trying to login the computer so that the lawful user will be able to see whoever is trying to login the computer. This system is able to produce the login and logout report of the computer.