

## TOWARDS AN EFFICIENT BIOMETRIC EMPLOYEE ATTENDANCE SYSTEM

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### ABSTRACT

Biometrics has grown and is widely applicable to various works of life. It serves as a means of identification, verification, access control, crime control, among others. The distinctive feature of certain physiological characteristics such as fingerprint, face, retinal pattern, hand geometry, iris pattern, has made it possible to apply biometrics in all works of life. Institutions and organizations all over the world are beginning to take advantage of this technological innovation. This technological innovation will be an established channel that will support the new initiative of the Federal government of Nigeria to ensure effectiveness and efficiency among her working force most especially in Nigeria University system which is important for the enhancement and ensuring dedication to work, aids unbiased promotion of dedicated employees, increase productivity and above all enhance quality learning outcome. Although there already exist biometric attendance system in some developed nations around the world, but the use is very limited across establishments and institutions in Nigeria as manual signing in of employee on attendance using hardcopy notebooks is much preferred. Therefore this work identified some of the challenges to the existing system of manual attendance system such as. Inaccuracy in time record and proposed a tested prototype design that will improve upon the existing attendance system in order to foster quality productivity Using Afe Babalola University as a case study.

**KEYWORDS:** Biometric, Employee Attendance