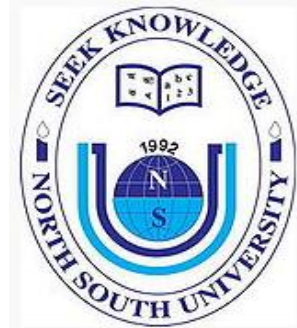


Senior Design Project Report

CSE/EEE/ETE 499



Automated Face Recognition Attendance System

Submitted By

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ELECTRICAL AND COMPUTER ENGINEERING

NORTH SOUTH UNIVERSITY

[Summer 2020]

Agreement Form

We take great pleasure in submitting our senior design project report on “Automated Face Recognition Attendance System”. This report is prepared as a requirement of the Capstone Design Project CSE/EEE/ETE 499A & B which is a two semester long senior design course. This course involves multidisciplinary teams of students who build and test custom designed systems, components or engineering processes. We would like to request you to accept this report as a partial fulfillment of Bachelor of Science degree under Electrical and Computer Engineering Department of North South University.

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[Automated Face Recognition Attendance System]

To any company or any organization taking attendance is a must. In this era, there are many types of attendance system. These are RFID based attendance system, fingerprint-based attendance system or traditional hand note attendance. Those processes that we have described so far are time consuming to record as well as it cannot guaranty the presence of employees in the office between full office time. Those two barriers, which forced us to find a way, which will ensure the presence and increase the productivity time of employees. In our senior design project, we have tried to find a solution of those two problems. Here we have proposed a system that will automatically take the attendance of each employee in every 1 minute to update presence status of each employee and register it in the database. This method will ensure the presence of employees in the office as well as it will save time of taking attendance.

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