NU SMART STUDENT ATTENDENCE

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1. INTRODUCTION/ LOCATION AND HISTORY

Norton University was one of the first private Cambodian educational institutions and was established since the 2nd December 1996 by Professor Chan Sok Khieng (The chancellor). It started to offer classes in December 1996 and was recognized as a university by sub-degree on September 18, 1997. Recently, there are 6 academic programs such as Foundation Studies department, College of Science, College of social sciences, College of Art, Humanities and Languages, Faculty of health science and Graduate school.

The campus in the downtown part of Phnom Penh consists of five buildings with 92 rooms, including 67 classrooms (19 rooms equipped with LCD), and 25 offices. The physical plant greatly enlarged when the purpose-built building in the new campus in Chrouy Changva peninsula became operational. The 5-story building that has an area of close to 20,000 sq. and is designed inspire by classic Khmer architectural style. It has offices and the library on the ground floor and classrooms and laboratories in the upper floors. The rooms' windows provide a panoramic view of the surroundings and are fed by soothing breezes.
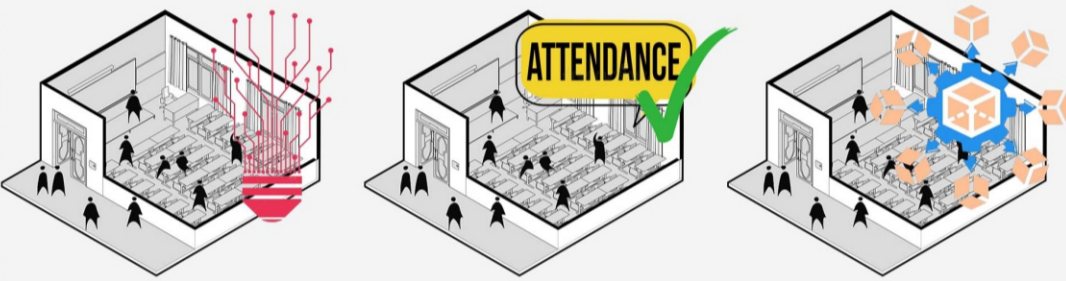
Norton University is known as one of the best educational institution in Cambodia. Therefore, around 10,000 students from all three shifts have enrolled here to continue their learning journey.

2. GOAL OF PROJECT

The concept of create this project is to facilitate the teaching and learning process at Norton University.

The main objects of the project " NU smart student attendence " is to ease daily education system by increasing comfortable activities for students and lecturer providing:

- New technology development system to education system.

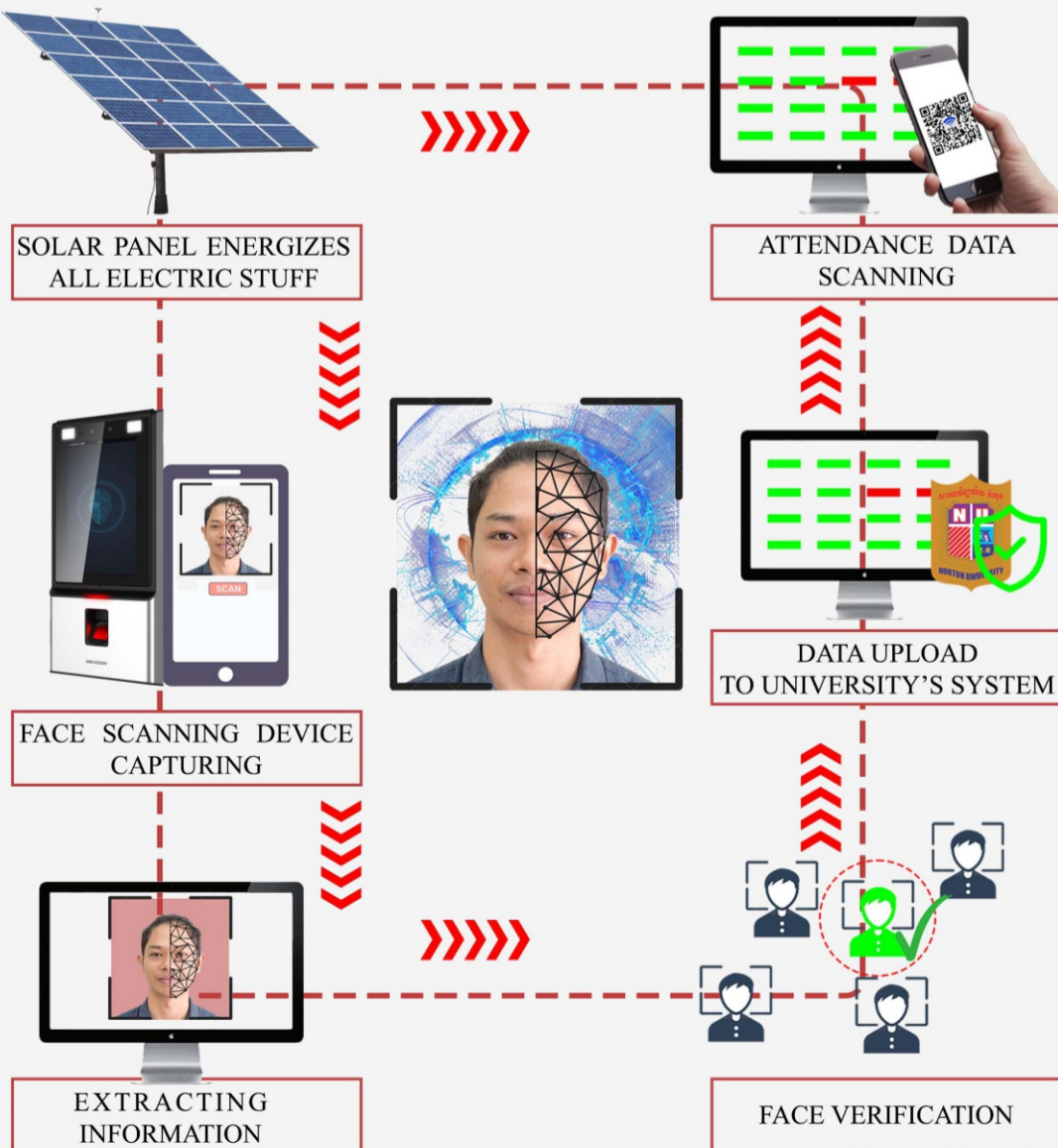- Clear and specific data information of student's attendence.

- Create a new technical function concept to modern architecture design.

3. PROJECT DESCRIPTION

NU smart attendance is an automated attendance system that displays data and records student attendance at specific hours. The system will display LEDsthat will be installed in the classroom through face scanning using Face ID.
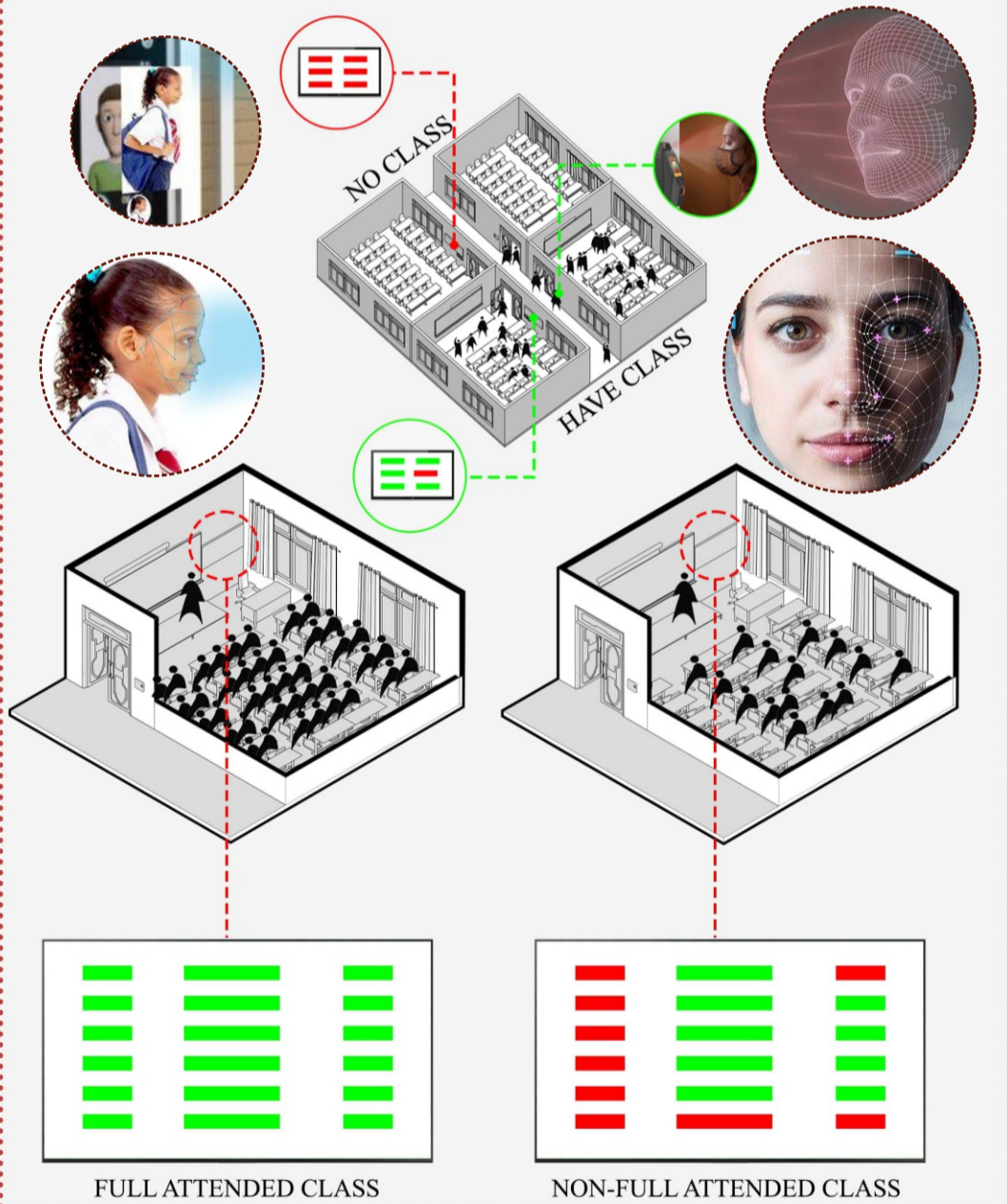
4. PROJECT FEATURE

How does SMART ATTENDANCE FACE VERIFIVATION SYSTEM work?

SOLAR PANEL ENERGIZES ALL ELECTRIC STUFF

ATTENDANCE DATA SCANNING

FACE SCANNING DEVICE CAPTURING

DATA UPLOAD TO UNIVERSITY'S SYSTEM

EXTRACTING INFORMATION

FACE VERIFICATION

5. PROJECT PROPOSAL

Observing that today the modernization of technology is more advanced, especially the use of these technologies integrated in architecture, building construction, etc. Our team inspired the introduction of an automatic classroom system through the use of individual student face identification. Which Helps to ease the load to check the presence of students, professors and staffs during school day.

NO CLASS

HAVE CLASS

FULL ATTENDED CLASS

NON-FULL ATTENDED CLASS

6. PROJECT CONCLUSION

This student smart attendance project is aim to give all student a very comfortable and satisfy in study. It is demonstrating that every class or school can equipped with modern technology and still shown development to the world.