



Product Background

Recent Covid-19 outbreak and the pandemic has brought us many lessons. One of it is to control the virus from spreading by frequent hand sanitizing and vaccinations.

Infectious disease such as Covid-19, Dengue, Monkey Pox spread uninterruptedly in confined places, like at schools and in classrooms.

Beside elderly, children are at high risk of this infection due to low immune system which is easily compromised.

State of the Art/ Methods

Early detection of its symptoms especially changes in body temperature could be the simplest method to detect the possibility of an infected person and able to contained effectively.

To curb the spreading at schools, an attendance and fever detection system is designed to take students attendance and their body temperature digitally.

This will be part of preventive measure to ensure we detect the possibility of an infected person and able to contained effectively.

Novelty / Originality / Inventiveness

Time-Nutrix is designed to record student's attendance with time stamp and their body temperature status via an integrated 3D barcode scanner and a standard infrared body thermometer.

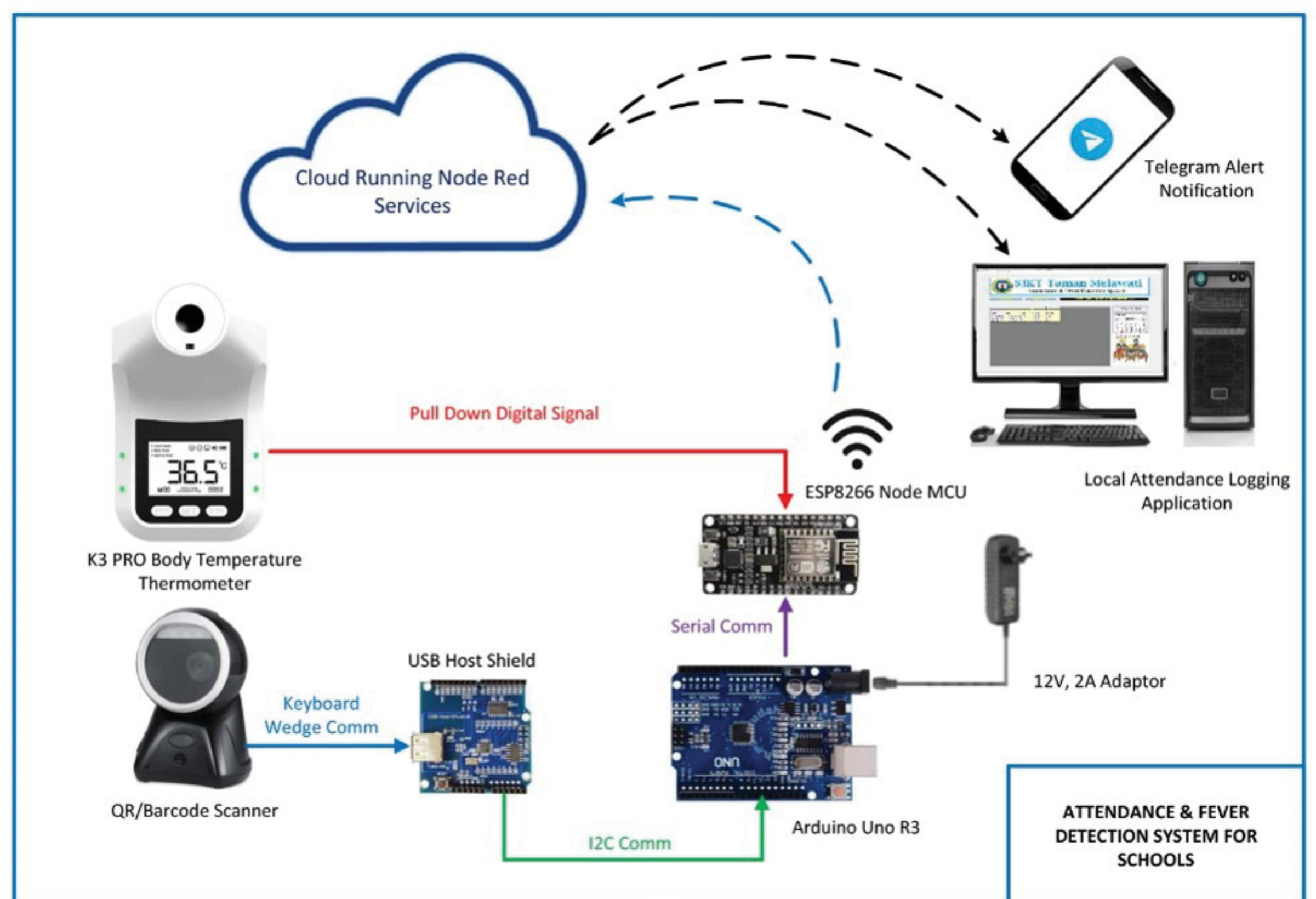
Firstly, when a student enters the school,

1. Student need to SCAN their UNIQUE QR Identification Card at the 3D barcode scanner, then
2. They will scan their forehead at the infrared body temperature thermometer.
- 3 Time-Nutrix will update digital data to a CLOUD SERVER as TIME-NUTRIX RECORD.

In the event of a student detected with FEVER, an alarm will sound and TIME-NUTRIX will send a Telegram notification alert message to the school management telegram group to alert on the student's health status.

Since this system is clocking the attendance and taking the body temperature, it is named as 'Time-Nutrix'

Product Image and Product Characteristics/Results



Benefits/Usefulness/ Applicability

TIME-NUTRIX WILL BE A MAJOR BREAKTHROUGH FOR MEDICAL AND SCHOOL MANAGEMENT SYSTEM
PREVENTIVE TOOL FOR INFECTIOUS DISEASE
MAJOR BREAKTHROUGH FOR DATA MANAGEMENT SYSTEM FOR SCHOOL'S

In a nutshell this invention also in line with United Nations Sustainable Development Goals (SGD) Goal 3 – Good Health and Well-being to ensure healthy lives and promote well-being for all.

Marketability & Commercialisation

And if it goes well as part of commercialization, this innovation we plan to

- Sell this as product
- Sell this as service

