PROJECT TOPIC

iOT BUS TRACKER WITH ATTENDANCE MANAGEMENT SYSTEM

Abstrct:

At present, In our college the bus system is complexed. Daily morning catching the college bus is an hard task for everyone. There are no constant bus timing. Which lead to the student to miss the bus and it hard to take attendance for the faculty everyday and It hard to check the student require a great man power for cross validating the attendance note. Which is in pen and paper traditional procedure. It hard to see the past record need to spend time to search the records.

Our Project :

Bus Tracker with automated attendance management system. An Iot Device is installed in bus that give the location of bus to the specific bus student which helps the studens to find exactly where the bus and helps to catch the bus as eaarly as possibile. For the faculty attendance the current system is upgraded by the latet technology It will be digitalized

An specific mobile application will be designed and developed as much privilage according who logging in. Using that Application student can able to track their bus route and bus timing and the faculty can mark attendence by their mobile phone which is less time consuming and with high efficiency

Impact in Current System :

By Implementing our Idea in a real time. Both student and faculty are started to use the application for automatic their work. Our application will keep track the attendance and able to view the past record of attendance on few taps. By the students can never miss the buses they know the location of the bus their route and the location

Implementation :

We have developed an adorable iOT device which connect transmit the location of bus. Tracked location is efficiently shown to the user via a mobile application which act as an intermediate between the staff and parent. Our product ready to implement product. An user adorable UI will be designed and developed.

Team Mentor,
Mr.Mathalai Raj CSE-HOD

Team Members,
1) MUKILAN S
2) TENSH KUMAR
3) SANTHOSH
4) KEVIN ARUL RAJA