

Monitoring of School Kid Using Android Devices & Near Field Communication

ABSTRACT

School kids monitoring is of great importance for parents who send their kids to school via school transport vehicle. There are many applications that exist for monitoring the vehicle as the kids go to school and come back from school. The existing system gives the tracking report of vehicle and its exact location. Even some applications give vehicle position update information to the parents. This system helps the parents only with the information of the vehicle but they don't tell whether their kid is in the bus or not.

Assume that some kid has participated in cultural program. They are not able to take the vehicle allotted to them or suppose the kid has missed the vehicle to reach his/her house. In that case parents are not able to monitor the kid after school time. This was the problem of existing approaches.

In proposed system we are planning to send email / SMS confirmation to the parent when the kid steps into the vehicle using Android Mobile phones through Near Field Communication (NFC) features.

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