5 RELATED WORK

There are similarly related applications for schools to utilize that would help with tracking the students at various times of uncertainty such as when the students travels by bus and when they arrive at school.

The related commercially available products are listed below

* <http://www.laconictechnology.com/education-sector.html> - School Bus Attendance Model (GPS+RFID) , Basic GPS Tracking Systems, GPS + RFID Systems
* <http://northstar.global/rfid-school-bus-tracking-system/> - Northstar’s RFID system helps track the movement of children in schools & verifies if students are getting off at the right bus stop. It also helps automate attendance.
* <http://rfid.thingmagic.com/rfid-blog/bid/50802/RFID-for-Student-Tracking> - he benefits of RFID-enabled student tracking solutions are providing secure access to a building and recording attendance.

These systems are primarily put in place for when the students arrive or when they board transportation provided by the school for parents to have SMS updates sent to their phones in real time. Our project will utilized the same technology but only focus on the dismissal tracking for students so that the system automates what child needs to be made ready for dismissal whenever their parent has arrived and is ready to pick up their child.