ABSTRACT

This final project is one of the efforts to help drivers find parking place which is still available.

Simply, it can be described that every drivers who will enter the parking area, will get some information about parking area which is still available and what slot number it is, so the drivers can find the parking place fastly and easily.

The properties In the final project are arduinos which are connected to database MYSQL and Python software to detect ID in RFID user card. If it is fit to the data in database, It will be able to inform whether the parking is full or available, and to give information about the parking place number which is still available.

When a driver tap his card, RFID will directly read, and by Python and arduinos detect and give information about available place to park. This information is sent by ultrasonic sensor which is installed in the parking place.

The information given by monitor are available parking places and the number of parking slot

If the parking area is full, the monitor will inform the driver that there is no space to park, all parking slot are full