

CAR PARK GUIDANCE SYSTEM

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ABSTRACT

From our experience as car park users, we found that there are many flaws in the current car park systems. Therefore, we have come up with some ideas to improve the current car park systems.

Firstly, the replacement of the normal barrier with a plate placed on the ground. This is to increase the security so that no vehicle can run through the barrier.

Secondly, the car park has a guidance system that is each parking slot has its own sensor. This sensor will tell the main computer whether it is occupied or not. The computer will show a display to the user that is going to enter to the car park which parking slot is available.

We are using a barcode scanner to identify whether the user is allowed to enter the car park or not. This is very useful especially in INTI college Malaysia because by using a barcode scanner, there is no need to hire so many security guards to check the car sticker, only one security guard is needed to be at the guardhouse.