ABSTRACT

GPS DESIGN AND IMPLEMENTATION IN CV. NAYLA ANZANO

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Indonesia, Especially in Batam, many still consider cars as a luxurious vehicle, hence not a lot of people have one, that’s why CV. Nayla Anzano opens a car rent to fulfill the needs of transportation. In order to have a secure way to rent car, CV. Nayla Anzano equipped with a system called Global Positioning System, short for GPS, it functions to locate and navigate the vehicle accurately, real time and prevent the car from getting lost or robbery from irresponsible parties. GPS that installed in the vehicles electricity flows gives the exact coordinate of the car that can be accessed from smartphone applications such as orange tracer, google maps and sms. The GSM/GPRS module that’s planted inside the GPS as a communication device to reach the relay/switch. The system can turn off the car automatically when the speedometer is stand still at 0km/hour.

Keyword: GPS, SMS, Google Maps.