**Abstract**

A motorcycle is a two-wheeled vehicle driven by an engine. The location of both wheels is inline straight and at high speeds the motorcycle remains stable due to gyroscopic force. Whereas at low speeds, the stability or balance of the motorcycle depends on the handlebar settings by the rider. The use of motorcycles in Indonesia is very popular because the price is relatively cheap, affordable for most people and the use of fuel, as well as the operational costs are quite economical. then in this study will project a motorcycle equipped with GPS tracking via SMS. The process of designing GPS Tracking on this motorcycle that will be used is a series of microcontroller systems using Arduino Uno, SIM800l V2 Module as SMS sender, and also installed with Neo6 Ublox GPS which is useful for providing coordinate points. With the support of Arduino IDE software in creating programs such as Arduino. The results of this final project monitor the position of the Motorcycle with GPS as the provider of the coordinate point and the point will be sent via SMS containing a Google Maps link.

Keywords : Arduino Uno, GPS Tracking, SMS, Motorcycle, SIM800l V2 Module, GPS Neo6 Ublox