

ABSTRACT

The number of accidents is not only caused by human error, but there are also malfunctions from parts of the motor that are not working properly, such as broken brakes or not working. Incidents of ordinary accidents cause many casualties who are always late to be rescued and local residents who do not dare to act quickly. To help with the handling of accidents, an accident detector is made that will send a message about the accident location to the victim's family. This tool works by detecting the tilt of a motorcycle using a gyroscope sensor and a GPS module to detect the location of an accident. The message delivery mechanism uses the sms gateway module which will send automatic messages to the victim's family.

Keywords: Arduino UNO, Gyroscope Sensor, GPS Module and GSM Module.