

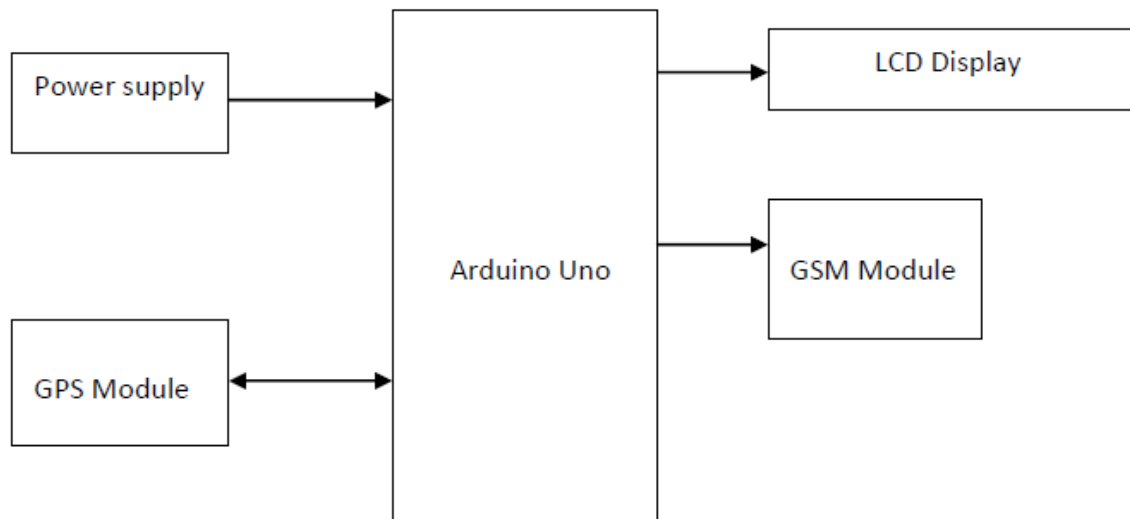
Vehicle tracking by GPS - GSM

ABSTRACT

The project is designed to find out the exact location of any vehicle and intimate the position to the concerned authority about through an SMS.

This system includes a GPS modem which retrieves the location of a vehicle in terms of its longitude and latitude. This data is fed to the microcontroller which is interfaced with a GSM modem. Microcontroller retrieves the location details from the GPS and sends it to the concerned authority in the form of an SMS over GSM modem on periodical intervals so set by the user. An LCD display is interfaced to the microcontroller for crossing the data received before being sent over GSM

Adopting this technology will be highly useful to transport companies to keep tracking their vehicles . This project can be further enhanced by making an arrangement to stop the vehicle ignition by the owner remotely by sending an SMS in theft situations.



HARDWARE REQUIREMENTS:

Micro controller unit GSM module, voltage Regulator, GPS, LCD display

SOFTWARE REQUIREMENTS:

Arduino Ide, Language: Embedded C