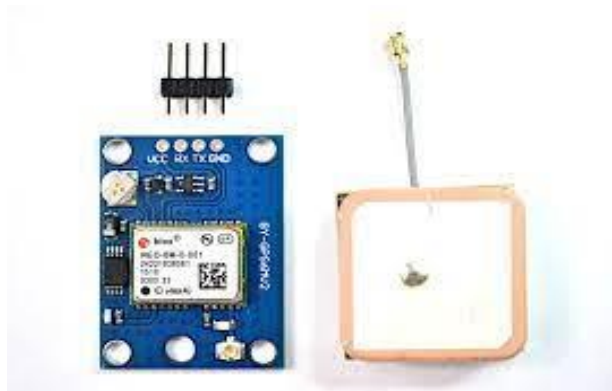


## Sprint – 4

Date	10 November 2022
Team ID	PNT2022TMID04763
Project Name	IoT Based Safety Gadget for Child Safety Monitoring and Notification

### NEO-6M-0-001 GPS MODULE:

USART communication is used by the NEO-6M GPS receiver module to connect to a microcontroller or a computer interface. It receives data such as longitude, latitude, altitude, UTC time, and other coordinates. NEO-6M GPS module that can track up to 22 satellites and identifies locations anywhere in the world. It can update its location five times in a second with a 2.5m horizontal position precision, which is faster than conventional GPS units. Additionally, the Time-To-First-Fix (TTFF) of the U-blox 6 positioning engine is less than one second. Power Save Mode is one of the chip's best features (PSM).



## **A6 GSM/GPRS MODULE:**

The module adds GPRS and GSM features, including phone calls and SMS. These modules' 5V voltage level VCC and TTL serial levels are their main advantages. The ability to send and receive SMS text messages, make and receive phone calls, connect to the internet through GPRS, TCP/IP, and more is provided by this module. The module also supports a quad-band GSM/GPRS network.

