

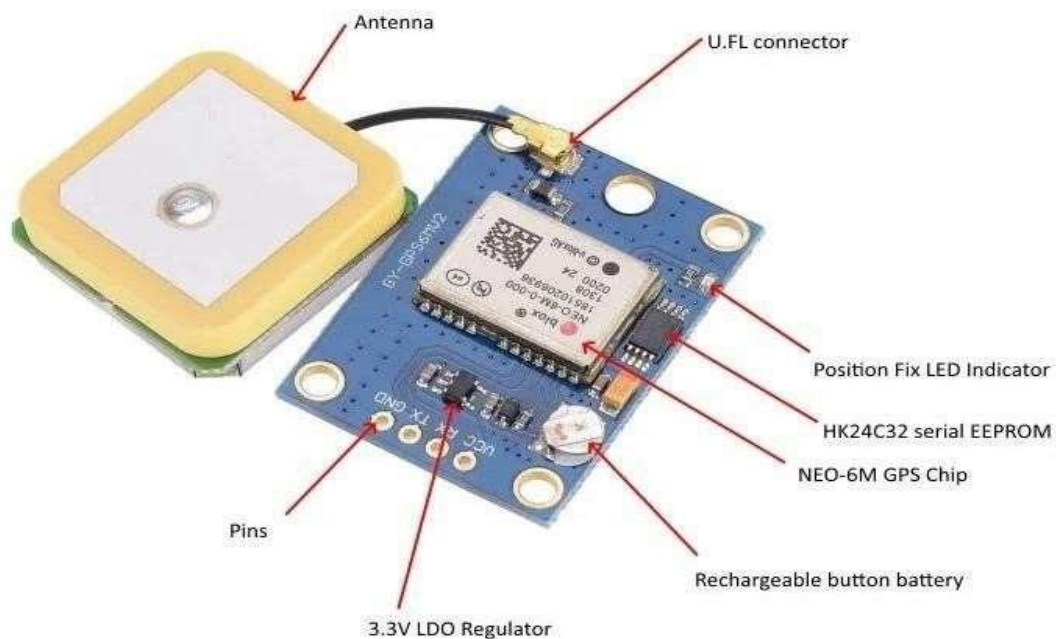
## PROJECT DEVELOPMENT DELIVERY

### SPRINT 4

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Team ID	PNT2022TMID18987
Project Name	IoT Based Safety Gadget for Child Safety Monitoring and Notification

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

The NEO-6M GPS receiver module uses USART communication to communication with microcontroller or pc terminal. It receives information like longitude, latitude, altitude, UTC time etc. NEO-6M GPS module that can track up to 22 satellites and identifies locations anywhere in the world.



If you are wandering to navigate the distance with a drone, then this GPS Module is needed for you. GPS drones are equipped with a GPS module that allows them to know their location relative to a network of orbiting satellites. Connecting to signals from these satellites allows the drone to perform functions such as position hold, autonomous flight, return to home,

and waypoint navigation.

This is a complete GPS module that is based on the NEO 6M GPS. This unit uses the latest technology to give the best possible positioning information and includes a larger built-in 25 x 25mm active GPS antenna with a UART TTL socket. A battery is also included so that you can obtain a GPS lock faster. This is an updated GPS module that can be used with arupite mega v2. This GPS module gives the best possible position information, allowing for better performance with your Arupite or other Multirotor control platform.

The GPS module has serial TTL output, it has four pins: TX, RX, VCC, and GND. You can download the u-centre software for configuring the GPS and changing the settings and much more. It is really good software.