

## **ABSTRAK**

Hovercraft is a vehicle that uses air thrust as the main force to move. Hovercraft that can not only be used above the surface of the water, but can also be used above the ground, mud, sand, and even ice, so that it can be an alternative means of transportation. In Hovercaraf developed a hovercraft Monitoring tool that can monitor from far distance using the MCU ESP 8266 Node microcontroller and the Tringer.io application. hovercraft monitoring design aims to establish data communication between the sender (MCU node), GPS Tracker with Android Smartphone receiver so that the hovercraft position and measurement of the Ultrasonic Sensor, the INA219 Sensor can be monitored, The software needed for monitoring is the Thinger.io application.

Keywords : NodeMCU ESP8266, Ultrasonic Jsn-Sr04t Sensor, INA 219 sensor, GPS Tracking Mini A8, android smartphone, software thinger.io