Iot Web Server

Designs and plans

2017

# Sensors

## GPS

Data exchange key/value for GPS sensor:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key** | **Android** | **Embedded** | **PHP** | **Unit in DB** |
| utc\_date |  | ddMMyy |  |  |
| utc\_time |  | hhmmss.SSS |  |  |
| utc\_time\_stamp | currentmillis |  | millisecond | millisecond |
| latitude | decimal | 2234.8092 | decimal | decimal |
| lat\_ns |  | N |  |  |
| longitude | decimal | 8826.4464 | decimal | decimal |
| long\_ew |  | E |  |  |
| speed | kmph | knots | kmph | kmph |
| altitude | decimal (meter) | decimal (meter) | decimal (meter) | decimal (meter) |