**Tests to perform**

It is necessary to carry out a set of tests that allow the development and evaluation of the prototype.

* Check the communication between the GSM module, the ESP32 and a smartphone.
* Perform the reading of different sensors that offer voltage, current and PWM signals.
* Check that the read data is correctly stored in the ESP32.
* Estimate the power needed for the system to work.
* Evaluate that the solar panel and the battery offer the necessary power for the prototype to work.
* Check the durability of the battery charge with the system running.
* Establish a balance between the reading frequency and the data transmission frequency that allows taking advantage of the battery charge for a longer time, complying with the requirements of the process.