Sensor ESP32

```
Start
```

Wait X sec
for bootup of Jetson

Iitialize libraries

UART to Jetson
successful — no

yes

UART to Servo ESP32
successful — no

yes

Initialization and checking of
sensors — no → Sending error
code to Jetson

yes

Sending success of initialization
and startup

Approval from Jetson
to continue

Reading Sensor Values

loop
to
infinity

Seding DataStream to
Servo ESP via UART

Initialization
of Sensors

failed

Establish I2C with
ToF Lasers

success

failed

Establish I2C
with INA226

success

failed

Establish I2C
with IMU

success

failed

Test HC-SR04

success

Send Errorcode
with info

Send approval to continue