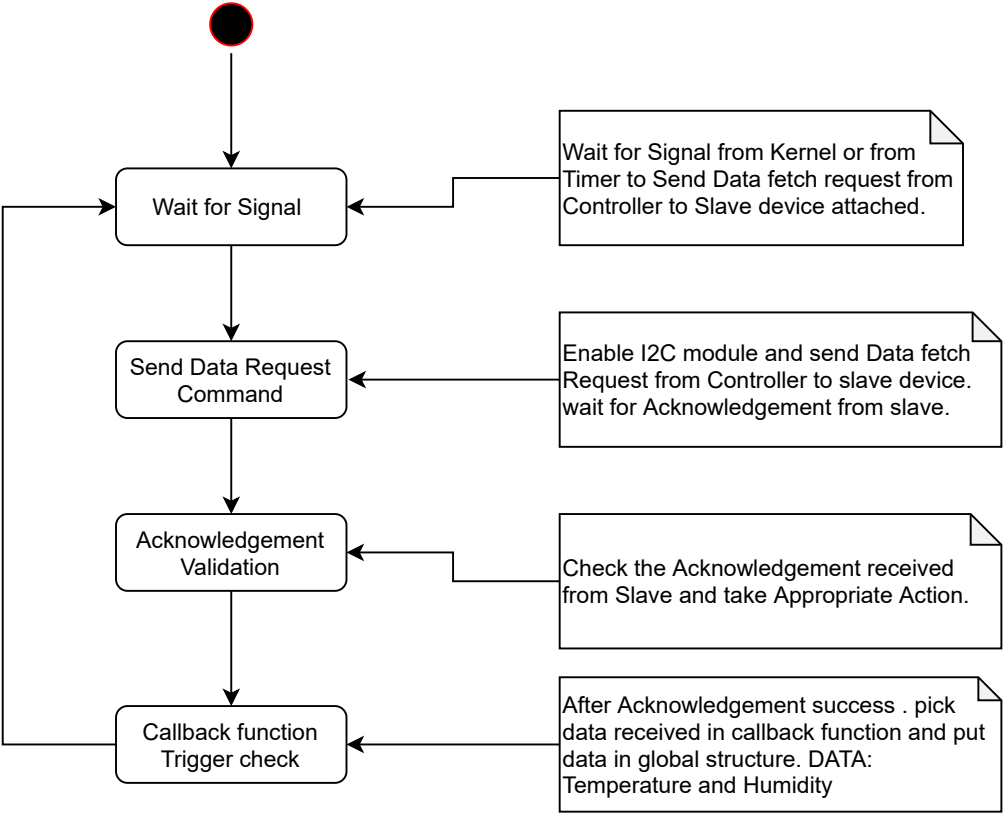


Task : Send Data

this is Task for sending data to Server(may be HTTP/MQTT). Sim800 module will be used as Hardware communication channel between Controller and Web Server. This Task will check Connection to Server and send data formatted for desired Protocol to server. or else carry out basic AT command test to establish connection

Task : Get Data

This is the Get Data task which will be triggered by Kernel After specific period of time : 200 ms motive of this task is get data from Slave connected on the I2C Bus. every 200 ms. and place it in Global structure shared by which is shared by other Tasks



Task : Validation

this task will convert the Raw data received from the I2C 'Get_Data' task and convert it to Actual data and check for the Out of range values or any Errors. and then convert the Actual data into protocol format data and place it in IPC object.

