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| **IN MSG’S** |  | **Node Receives these messages** |  |
| in1: | Every x sec | #NodeID$ACK% | (To acknowledge the “heartbeat” of other nodes”) |
| in2: | event | #NodeID$AskHumidity% | Out2 = reply |
| In3: | event | #NodeID$AskWaterlevel% |  |
| In4: | event | #NodeID$AskTemperature% |  |
| In5: | event | #NodeID$AskUV% |  |
| In6: | event | #NodeID$AskMoisture% |  |

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| **OUT MSG’S** |  | **Node Sends these messages** |  |
| out1: | Initialisation | #NodeID$IP$192.68.xxx.xxx.% |  |
| out2: | event | #NodeID$HumidityValue% | Send on in2 request |
| Out3: | event | #NodeID$ACKRespond% | Response to in1 |
| Out4: | event | #NodeID$Waterlevel% | Response to in3 |
| Out5: | event | #NodeID$TemperatureValue% | Response to in4 |
| Out6: | event | #NodeID$UVValue% | Response to in5 |
| Out7: | event | #NodeID$MoistureValue% | Response to in6 |