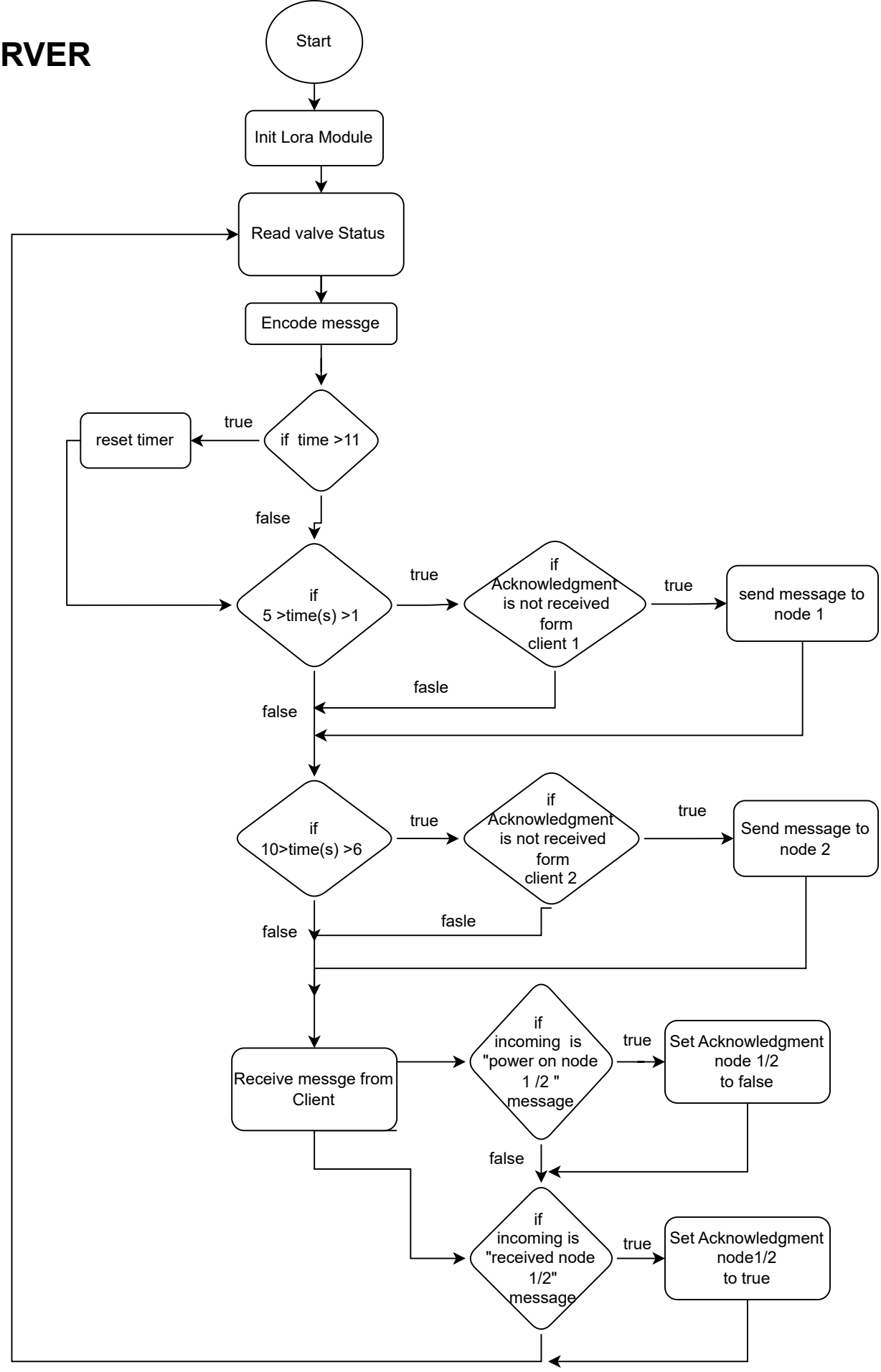
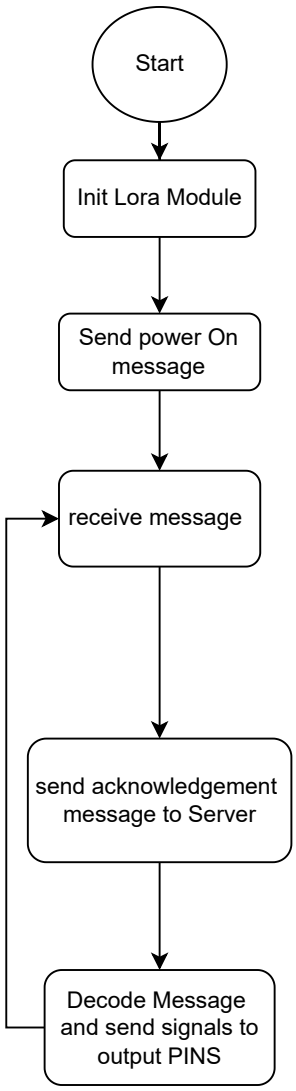
SERVER


Start
Init Lora Module
Read valve Status
Encode messge
if time >11
true
reset timer
false
if
5 >time(s) >1
true
if
Acknowledgment
is not received
form
client 1
true
send message to
node 1
fasle
false
if
10>time(s) >6
true
if
Acknowledgment
is not received
form
client 2
true
Send message to
node 2
fasle
false
Receive messge from
Client
if
incoming is
"power on node
1 /2 "
message
true
Set Acknowledgment
node 1/2
to false
false
if
incoming is
"received node
1/2"
message
true
Set Acknowledgment
node1/2
to true

CLIENT


Start
Init Lora Module
Send power On message
receive message
send acknowledgement message to Server
Decode Message and send signals to output PINS