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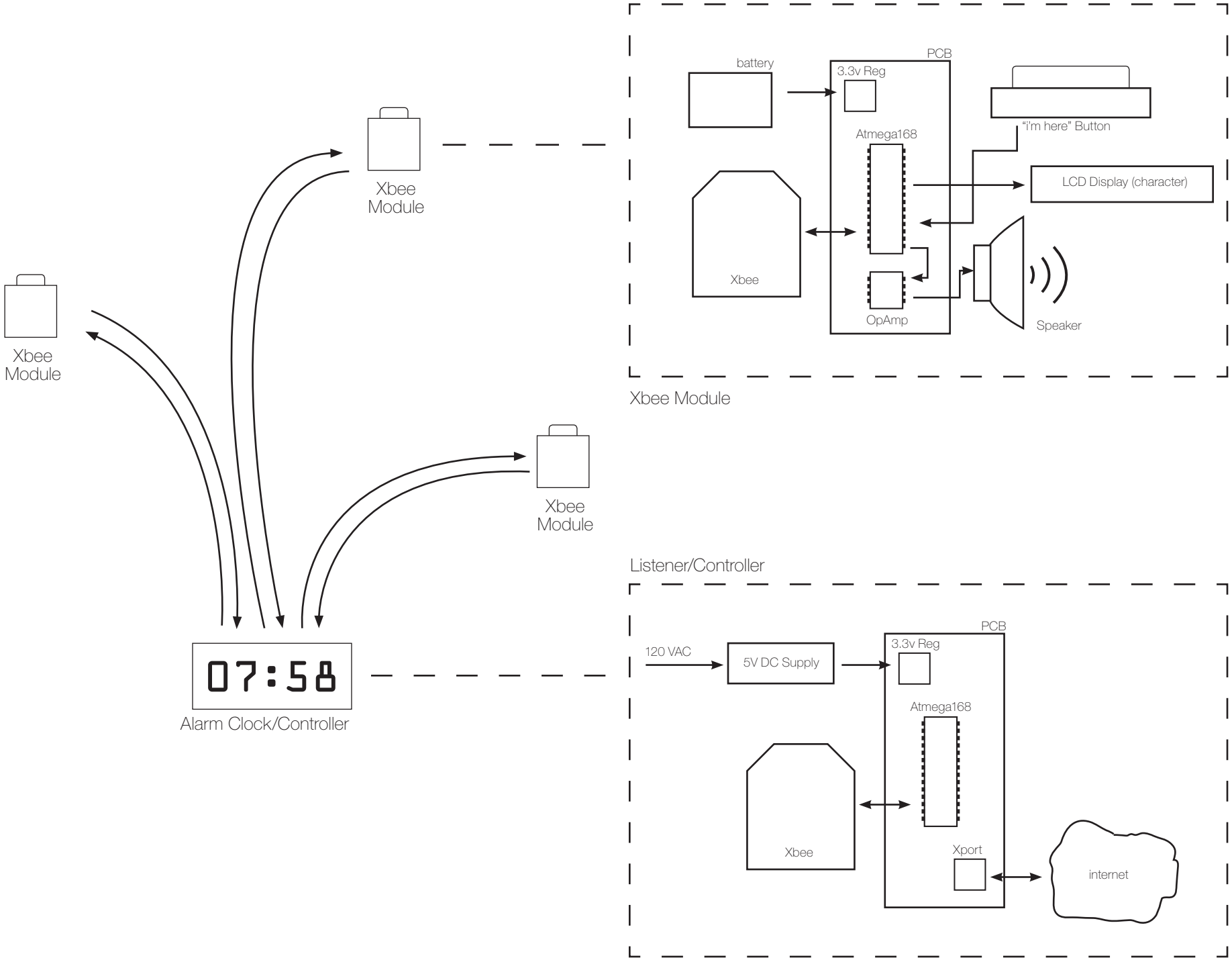
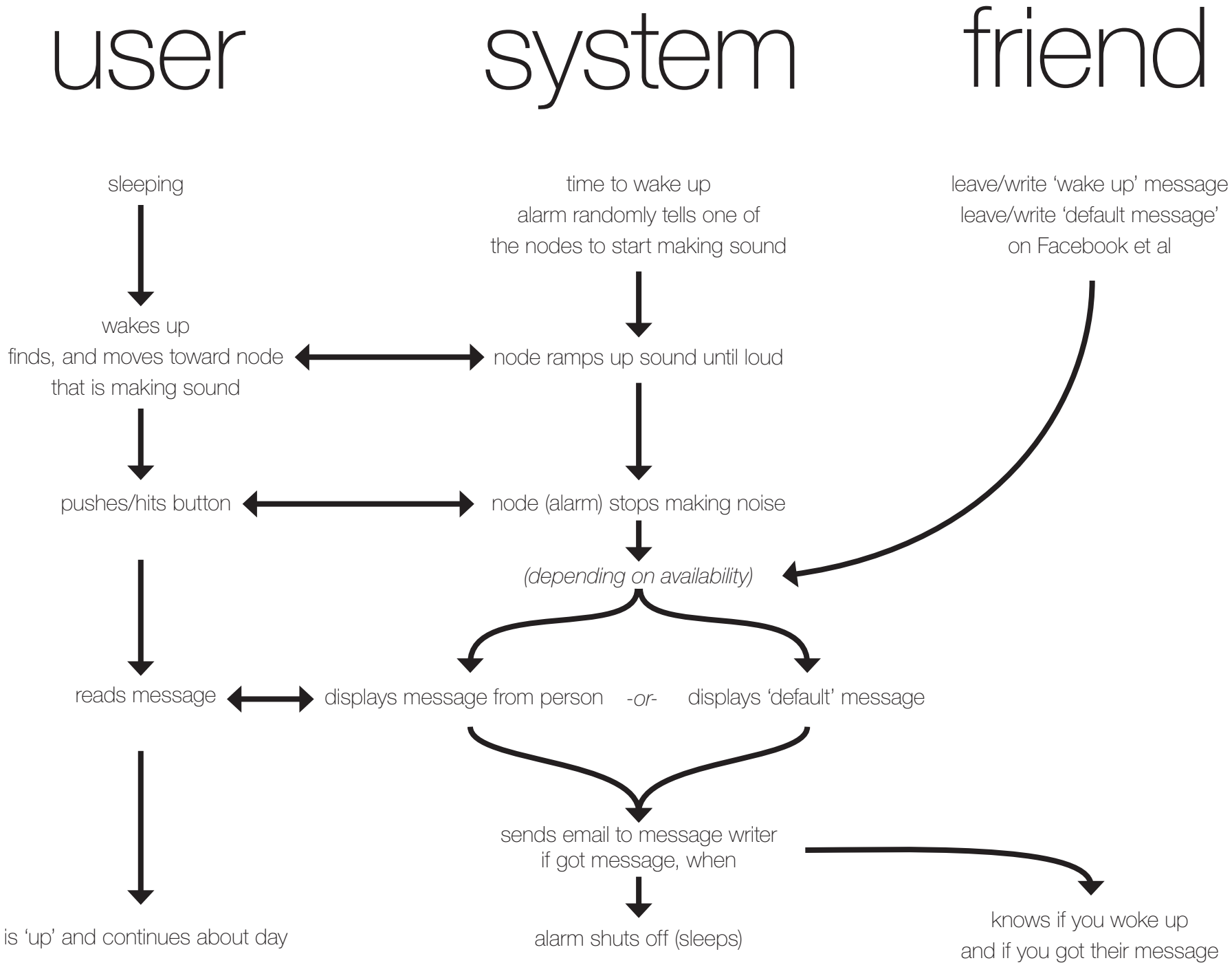

Xbee Module
Xbee Module
Xbee Module
07:58
Alarm Clock/Controller
battery
PCB
3.3v Reg
Atmega168
"i'm here" Button
LCD Display (character)
Xbee
OpAmp
Speaker
Xbee Module
Listener/Controller
120 VAC
5V DC Supply
PCB
3.3v Reg
Atmega168
Xbee
Xport
internet


user
system
friend
sleeping
time to wake up
alarm randomly tells one of
the nodes to start making sound
leave/write 'wake up' message
leave/write 'default message'
on Facebook et al
wakes up
finds, and moves toward node
that is making sound
node ramps up sound until loud
pushes/hits button
node (alarm) stops making noise
(depending on availability)
reads message
displays message from person
-or-
displays 'default' message
sends email to message writer
if got message, when
is 'up' and continues about day
alarm shuts off (sleeps)
knows if you woke up
and if you got their message