



ELEX-4560-0 - Telecom & Networks Project

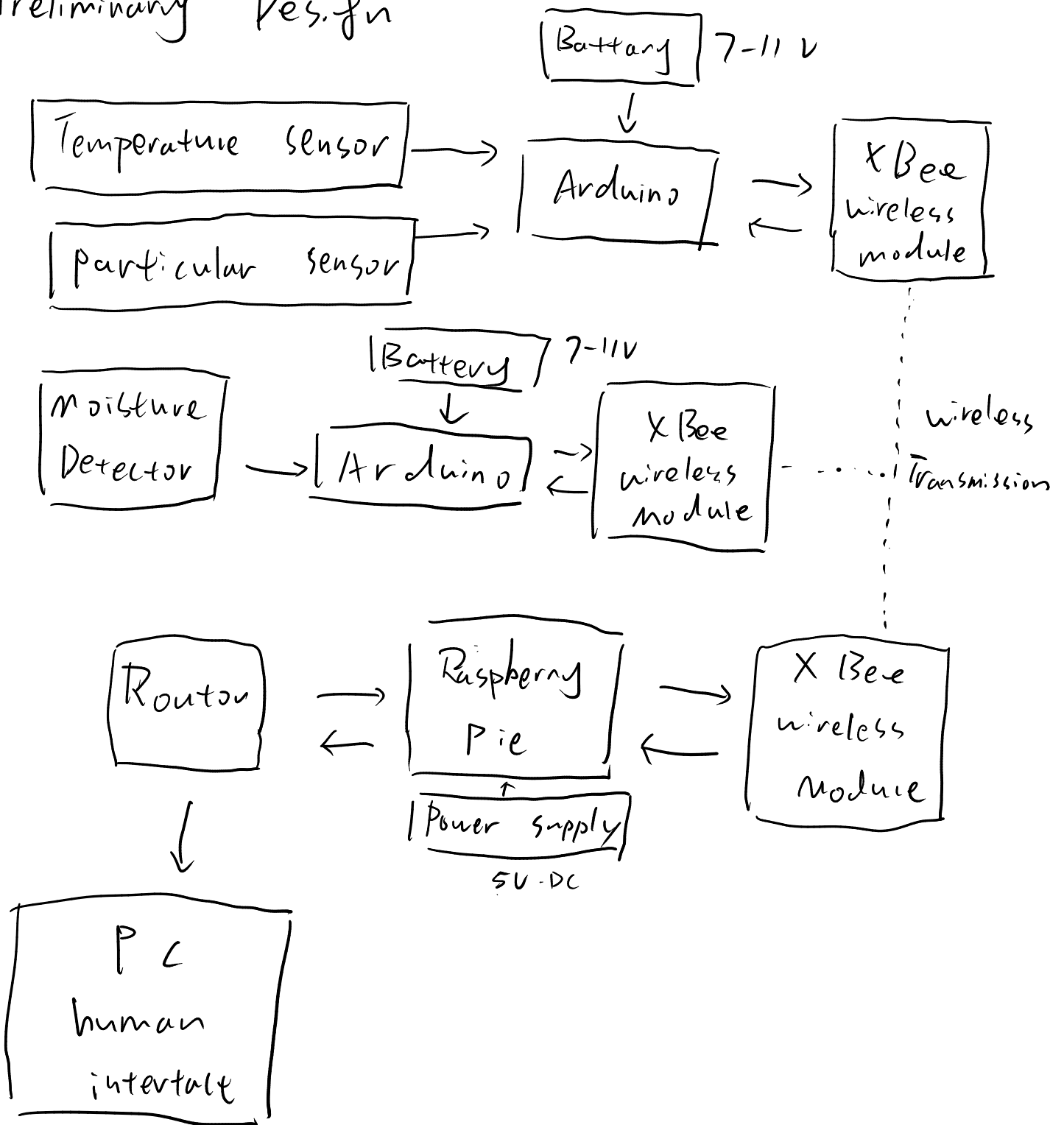
Preliminary Design

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Descreption

There are 13 blocks including 3 power supplies, 3 sensors, 3 wireless modules, two arduinos, one Raspberry Pie and human interfaces. For the connection between Raspberry Pie and PC, we can use a USB wire or wifi(by router). Two power supplies(battery) use the voltage between 7V to 11V(required by Arduino) and one 5V(required by Raspberry Pie). The transimssion meida between XBee is air and the range of operation is lees than 100ft.