ARDUINO #1 / BREADBOARD

PHOTOSENSORS

START

QUESTIONS:

what is the best way to wire the lights on the dress? Will the 5 volts on the arduino board even be close enough?

Would we be able to hack the led christmas lights and keep the settings to use in the design?

If the lights cannot be hacked, and the Arduino power source is adequate, then the different levels and colors shows the level of intensity of the motion.

If the lighting system could be hacked, the dress would use the different modes in order to show the intensity of motion.

FRONT

BACK

ARDUINO #2 / BREADBOARD

ACCELEROMTER
(UNDER FABRIC)

With greater or specific motions registered by the accelerometer, the level of intensity of the led lights on the dress increase. Possibly will be co-ordinated with zones of the room.

If a particular sequence of photosensors is activated, then a particular sequence of lights are. The users would then have to dance throughtout the space.

in order to deactivate the floor, the users will attempt to step over the appropriate photosensors in the map.

A game could develop where the outside users attempt to keep control of the floor, which restricts the lights on the dress, the mov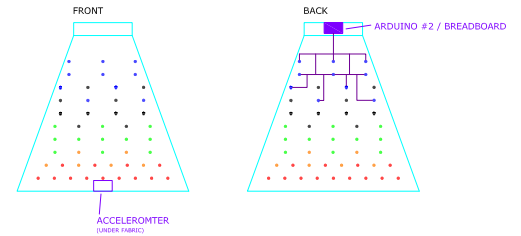ement gets more intense, which deactivates the floor.